

Volume 1

System Index

Volume 1. System Index

#996010

Copyright © 1984, Symbolics, Inc. of Cambridge, Massachusetts. All rights reserved.
Printed in USA. This document may not be reproduced in whole or in part without the
prior written consent of Symbolics, Inc.

Design: Schafer/LaCasse

Cover and title page typography: Litho Composition Co.

Text typography: Century Schoolbook and Helvetica produced on a Symbolics 3600
Lisp Machine from Bitstream, Inc., outlines; text master printed on Symbolics
LGP-1 Laser Graphics Printer.

The first Lisp Machine System was a product of the efforts of many
people at the M.I.T. Artificial Intelligence Laboratory, and of the unique
environment there. Portions of earliest versions of many of the documents
in this documentation set were written at the AI Lab.

Volume 1A

System Index

Volume 1A. System Index

#996010

Copyright © 1984, Symbolics, Inc. of Cambridge, Massachusetts. All rights reserved.
Printed in USA. This document may not be reproduced in whole or in part without the
prior written consent of Symbolics, Inc.

Design: Schafer/LaCasse

Cover and title page typography: Litho Composition Co.

Text typography: Century Schoolbook and Helvetica produced on a Symbolics 3600

Lisp Machine from Bitstream, Inc., outlines; text master printed on Symbolics

LGP-1 Laser Graphics Printer.

The first Lisp Machine system was a product of the efforts of many
people at the M.I.T. Artificial Intelligence Laboratory, and of the unique
environment there. Portions of earliest versions of many of the documents
in this documentation set were written at the AI Lab.

Contents

System Index

TOC

Table of
Contents

INDEX

Index

RN

Release Notes/
Patch Notes

NEWS

Newsletters/
Bug Reports

Contents

System Index

TOC
Table of
Contents

INDEX
Index

Documentation Map

1

System Index

TOC

Table of Contents

INDEX

Index

RN

Release Notes/
Patch Notes

NEWS

Newsletters/
Bug Reports

2

System Fundamentals

NOTA

Notation
Conventions

LMS

Lisp Machine
Summary
3600 Edition

3600

Notes on the 3600
for LM-2 Users

INED

Using the
Input Editor

MISCF

Miscellaneous
Useful Functions

3

Lisp Language

PRIM

Primitive
Object Types

EVAL

Evaluation

FLOW

Flow of Control

ARR

Arrays and Strings

FUNC

Functions

MAC

Macros

DEFS

Defstruct

FLAV

Objects,
Message Passing,
and Flavors

COND

Conditions

PKG

Packages

4

Program Development Tools

TOOLS

Program Development
Tools and
Techniques

HELP

Program Development
Help Facilities

ZMACS

Zmacs Manual

DEBUG

Debugger

MAINT

Maintaining
Large Systems

COMP

The Compiler

MISCT

Other Tools

5

User Interface Support

WINDOC

Using the
Window System

WINDEX

Window System
Program Examples

MENUS

Window System
Choice Facilities

SCROLL

Scroll Windows

MISCUI

Miscellaneous
Functions

6

Utilities and Applications

ZMAILT

Zmail Tutorial
and Reference
Manual

ZMAILC

Zmail Concepts
and Techniques

FED

Font Editor

HARD

Hardcopy System

CONV

Converse

FSED

FSEdit

MISCU

Other Utilities
and Applications

7

Networks and I/O

STR

Streams

FILE

Files

NETIO

Networks and
Peripherals

PROT

Networks and
Protocols

8

System Installation, Maintenance, Programming

SIG

Software
Installation Guide

SITE

Site Operations

TAPE

Tape

STOR

Storage Management

PROC

Processes

INIT

Initializations

INT

Internals

Map to the New Documentation System

The documentation in this eight-volume set includes all previously published Lisp Machine documentation, reorganized by topics and intended use of the information. (In addition, some documents contain information that is new as of Release 5.0.)

The most obvious aspects of the reorganization are:

- The *Lisp Machine Manual* has been taken apart, and its various chapters are now scattered throughout the new system.
- Release Notes and Patch Notes through Release 5.0, which had previously been bound separately, have been merged into their relevant sources.

Following is a mapping of old to new documents, listed in alphabetic order by old document title:

Old title	New title	Mnemonic	Volume
<i>Chaosnet</i>	<i>Networks and Peripherals</i>	NETIO	7
<i>Chaosnet File Protocol</i>	<i>Networks and Protocols</i>	PROT	7
<i>Font Editor</i>	<i>Font Editor</i>	FED	6
<i>Front-End Processor</i>	<i>Networks and Peripherals</i>	NETIO	7
<i>Introduction to Using the Window System</i>	<i>Using the Window System</i>	WINDOC	5
<i>Lisp Machine Choice Facilities</i>	<i>Window System Choice Facilities</i>	MENUS	5
<i>Lisp Machine Manual</i>	[See page LMM.]		
<i>Lisp Machine Summary 3600 Edition</i>	<i>Lisp Machine Summary 3600 Edition</i>	LMS	2
<i>LM-2 Serial I/O</i>	<i>Networks and Peripherals</i>	NETIO	7
<i>LM-2 UNIBUS I/O</i>	<i>Networks and Peripherals</i>	NETIO	7
<i>Notes on the 3600 for LM-2 Users</i>	<i>Notes on the 3600 for LM-2 Users</i>	3600	2
<i>Operating the Lisp Machine</i>	[Discontinued.]		
<i>Program Development Help Facilities</i>	<i>Program Development Help Facilities</i>	HELP	4

Old title	New title	Mnemonic	Volume
<i>Program Development Tools and Techniques</i>	<i>Program Development Tools and Techniques</i>	TOOLS	4
<i>Release Notes for System 78</i>	[Merged into related documents.]		
<i>Release 4.0 Release Notes</i>	[Merged into related documents.]		
<i>Release 4.1 Patch Notes</i>	[Merged into related documents.]		
<i>Release 4.2 Patch Notes</i>	[Merged into related documents.]		
<i>Release 4.3 Patch Notes</i>	[Merged into related documents.]		
<i>Release 4.4 Patch Notes</i>	[Merged into related documents.]		
<i>Release 4.5 Patch Notes</i>	[Merged into related documents.]		
<i>Scroll Windows</i>	<i>Scroll Windows</i>	SCROLL	5
<i>Signalling and Handling Conditions</i>	<i>Conditions</i>	COND	3
<i>Software Installation Guide</i>	<i>Software Installation Guide</i>	SIG	8
<i>Symbolics File System</i>	<i>Files</i>	FILE	7
<i>System 210 Release Notes</i>	[Merged into related documents.]		
<i>Window System Program Examples</i>	<i>Window System Program Examples</i>	WINDEX	5
<i>Zmail Concepts and Techniques</i>	<i>Zmail Concepts and Techniques</i>	ZMAILC	5
<i>Zmail Tutorial and Reference Manual</i>	<i>Zmail Tutorial and Reference Manual</i>	ZMAILT	5
<i>Zmacs Manual</i>	<i>Zmacs Manual</i>	ZMACS	4

Lisp Machine Manual

[Has been separated, by chapter, into the following documents:]

Old chapter title	Pages	New document title	Mnemonic	Volume
1. Introduction	1-6	<i>Notation Conventions</i>	NOTA	2
2. Primitive Object Types	7-12	<i>Primitive Object Types</i>	PRIM	3
3. Evaluation	13-32	<i>Evaluation</i>	EVAL	3
4. Flow of Control	33-51	<i>Flow of Control</i>	FLOW	3
5. Manipulating List Structure	52-85	<i>Primitive Object Types</i>	PRIM	3
6. Symbols	86-91	<i>Primitive Object Types</i>	PRIM	3
7. Numbers	92-106	<i>Primitive Object Types</i>	PRIM	3
8. Arrays	107-125	<i>Arrays and Strings</i>	ARR	3
9. Strings	126-135	<i>Arrays and Strings</i>	ARR	3
10. Functions	136-157	<i>Functions</i>	FUNC	3
11. Closures	158-162	<i>Functions</i>	FUNC	3
12. Stack Groups	163-169	<i>Internals</i>	INT	8
13. Locatives	170-171	<i>Primitive Object Types</i>	PRIM	3
14. Subprimitives	172-191	<i>Internals</i>	INT	8
15. Areas	192-196	<i>Storage Management</i>	STOR	8
16. The Compiler	197-207	<i>The Compiler</i>	COMP	4
17. Macros	208-232	<i>Macros</i>	MAC	3
18. The LOOP Iteration Macro	233-256	<i>Flow of Control</i>	FLOW	3

Old chapter title	Pages	New document title	Mnemonic	Volume
19. Defstruct	257-278	<i>Defstruct</i>	DEFS	3
20. Objects, Message Passing, and Flavors	279-313	<i>Objects, Message Passing, and Flavors</i>	FLAV	3
21. The I/O System				
21.1	314-318	<i>Streams</i>	STR	7
21.2	319-331	<i>Primitive Object Types</i>	PRIM	3
21.3-21.10	331-375	<i>Streams</i>	STR	7
22. Naming of Files	376-391	<i>Files</i>	FILE	7
23. Packages	392-405	<i>Packages</i>	PKG	3
24. Maintaining Large Systems				
24.1-24.7	406-421	<i>Maintaining Large Systems</i>	MAINT	4
24.8	422-427	<i>Site Operations</i>	SITE	8
25. Processes	428-439	<i>Processes</i>	PROC	8
26. Errors and Debugging				
26.1	440-450	<i>Conditions</i>	COND	3
26.2-26.8	450-468	<i>Debugger</i>	DEBUG	4
27. How to Read Assembly Language	469-486	<i>Internals</i>	INT	8
28. Querying the User	487-489	<i>Miscellaneous Functions</i>	MISCUI	5
29. Initializations	490-492	<i>Initializations</i>	INIT	8
30. Dates and Times	493-498	<i>Miscellaneous Functions</i>	MISCUI	5
31. Miscellaneous Useful Functions				
31.1-31.3	499-504	<i>Miscellaneous Useful Functions</i>	MISCF	2
31.4	505	<i>Storage Management</i>	STOR	8
31.5-31.7	506-508	<i>Miscellaneous Useful Functions</i>	MISCF	2

TOC Table of Contents

Table of Contents

990081

March 1984

This document corresponds to Release 5.0.

This document was prepared by the Documentation Group of Symbolics, Inc.

No representation or affirmation of fact contained in this document should be construed as a warranty by Symbolics, and its contents are subject to change without notice. Symbolics, Inc. assumes no responsibility for any errors that might appear in this document.

Symbolics software described in this document is furnished only under license, and may be used only in accordance with the terms of such license. Title to, and ownership of, such software shall at all times remain in Symbolics, Inc. Nothing contained herein implies the granting of a license to make, use, or sell any Symbolics equipment or software.

Symbolics is a trademark of Symbolics, Inc., Cambridge, Massachusetts.

Copyright © 1984, Symbolics, Inc. of Cambridge, Massachusetts.

All rights reserved. Printed in USA.

This document may not be reproduced in whole or in part without the prior written consent of Symbolics, Inc.

Printing year and number: 87 86 85 84 9 8 7 6 5 4 3 2 1

Volume 1: System Index

	Page
TOC Table of Contents	
INDEX Index	
RN Release 5.0 Release Notes	
1. Release 5.0: Introduction and Highlights	1
2. Changes to the Lisp Language and Compiler in Release 5.0	5
3. Changes to Networks in Release 5.0	107
4. Changes to Utilities in Release 5.0	113
5. Changes to the File System in Release 5.0	119
6. Changes to Zmacs in Release 5.0	123
7. Changes to Zmail in Release 5.0	129
8. Changes to the FEP in Release 5.0	133
9. Release 5.0: Notes and Clarifications	143
10. Release 5.0: Operations and Site Management	151

Volume 2: System Fundamentals

	Page
NOTA Notation Conventions	
1. Understanding Notation Conventions	1
2. Notation Conventions Quick Reference	7
LMS Lisp Machine Summary 3600 Edition	
Release 5.0 Update	33
3600 Notes on the 3600 for LM-2 Users	
1. Introduction to the 3600	1
2. Hardware Changes	3
3. Software Changes	13
4. Current Incompatibilities	27
INED Using the Input Editor	
1. Introduction	1
2. Summary of the Major Changes	3
3. Types of Histories	5
4. Changes to the Yanking Commands	7
5. Numeric Arguments	9
6. The Displayed Default	11
7. The Command History	13
8. Input Editor	15
9. Customization Variables	17
MISCF Miscellaneous Useful Functions	
1. Poking Around in the Lisp World	1
2. Utility Functions	5
3. The Lisp Top Level	7
4. Logging in	11
5. Dribble Files	15
6. status and sstatus	17

Volume 3: Lisp Language

	Page
PRIM Primitive Object Types	
1. Data Types	1
2. Predicates	3
3. Manipulating List Structure	11
4. Symbols	53
5. Numbers	61
6. Locatives	85
7. Printed Representation	89
8. Input Functions	109
9. Output Functions	115
EVAL Evaluation	
1. Introduction	1
2. Variables	3
3. Functions	11
4. Some Functions and Special Forms	17
5. Multiple Values	25
FLOW Flow of Control	
1. Introduction	1
2. Conditionals	3
3. Blocks and Exits	9
4. Transfer of Control	13
5. Iteration	15
6. Nonlocal Exits	25
7. Mapping	31
8. The Loop Iteration Macro	35
ARR Arrays and Strings	
1. Arrays	1
2. Strings	25
FUNC Functions	
1. Functions	1
2. Closures	31

MAC Macros

1. Introduction to Macros	1
2. Aids for Defining Macros	5
3. Substitutable Functions	11
4. Symbol Macros	13
5. Hints to Macro Writers	15
6. Aid for Debugging Macros	27
7. Displacing Macros	29
8. Advanced Features of defmacro	31
9. Functions to Expand Macros	33
10. Generalized Variables	35

DEFS Defstruct

1. Introduction to Structure Macros	1
2. How to Use defstruct	5
3. Options to defstruct	7
4. Using the Constructor and Alterant Macros	15
5. Byte Fields	19
6. Grouped Arrays	21
7. Named Structures	23
8. The si:defstruct-description Structure	27
9. Extensions to defstruct	29

FLAV Objects, Message Passing, and Flavors

1. Introduction	1
2. Objects	3
3. Modularity	5
4. Generic Operations	9
5. Generic Operations in Lisp	11
6. Simple Use of Flavors	13
7. Mixing Flavors	19
8. Flavor Functions	23
9. defflavor Options	35
10. Flavor Families	45
11. Vanilla Flavor	47
12. Method Combination	49
13. Copying Instances	55
14. Implementation of Flavors	57
15. Entities	61
16. Useful Zmacs Commands	63
17. Property List Messages	65

COND Signalling and Handling Conditions

1. Introduction	1
2. Conditions	3
3. Creating New Conditions	7
4. Establishing Handlers	9
5. Signalling Conditions	23
6. Default Handlers and Complex Modularity	29
7. Interactive Handlers	31
8. Restart Handlers	33
9. Proceeding	37
10. Issues for Interactive Use	43
11. Condition Flavors Reference	49

PKG Packages

1. The Need for Multiple Contexts	1
2. Sharing of Symbols Among Packages	3
3. Packages and Writing Programs	13
4. Package Names	15
5. Qualified Names	19
6. Examples	23
7. Consistency Rules	25
8. Name Conflicts: Packages	27
9. Package Functions, Special Forms, and Variables	31
10. Package-related Conditions	51
11. Multipackage Programs	53
12. Compatibility with the Old Package System	57

Volume 4: Program Development Tools

	Page
TOOLS Program Development Tools and Techniques	
1. Introduction	1
2. Writing and Editing Code	5
3. Compiling and Evaluating Lisp	61
4. Debugging Lisp Programs	71
5. Using Flavors and Windows	101
 HELP Program Development Help Facilities	
 ZMACS Zmacs Manual	
Introduction	1
Getting Started	9
Getting Help	31
Moving the Cursor	45
Deleting and Transposing Text	61
Working with Regions	73
Searching, Replacing, and Sorting	85
Manipulating Buffers and Files	101
Setting the Major Mode	143
Changing Case and Indentation	147
Editing Lisp Programs	155
Customizing the Zmacs Environment	177
 DEBUG Debugger	
1. Entering the Debugger	1
2. How to Use the Debugger	5
3. Debugger Commands	9
4. Summary of Debugger Commands	15
5. Summary of Debugging Aids	17
6. Tracing Function Execution	19
7. Advising a Function	25
8. Stepping Through an Evaluation	31
9. evalhook	33
10. The MAR	37
11. Variable Monitoring	39

MAINT Maintaining Large Systems

1. Introduction to Making a System	1
2. Defining a System	3
3. Transformations	7
4. Loading the System Definition	11
5. Making a System	13
6. Adding New Keywords to make-system	21
7. Adding New Options to defsystem	23
8. More Esoteric Transformations	25
9. Patch Facility	27

COMP The Compiler

1. The Basic Operations of the Compiler	1
2. How to Invoke the Compiler	3
3. Input to the Compiler	5
4. Compiler Declarations	9
5. Compiler Warnings Database	13
6. Controlling Compiler Warnings	15
7. Compiler Source-level Optimizers	19
8. Files That Must Be Compiled on the 3600 and the LM-2	21
9. Files That Maclisp Must Compile	23
10. Putting Data in Compiled Code Files	25

MISCT Other Tools

1. The Inspector	1
2. Flavor Examiner	7

Volume 5: User Interface Support

	Page
WINDOC Using the Window System	
1. Concepts	1
2. Flavors and Messages	19
WINDEX Window System Program Examples	
Introduction: Window System Program Examples	1
Pocket Calculator, Version 1	5
Simple Mouse-Sensitive Items	15
Pocket Calculator, Version 2	23
Pocket Calculator, Version 3	29
Overlapping Mouse-Sensitive Regions	39
Mouse-Sensitive format Directive: ~M	47
Smiling Face	55
Graphic Lisp	73
MENUS Window System Choice Facilities	
1. The Choice Facilities	1
2. Introduction to the Menu Facilities	7
3. The Geometry of a Menu	13
4. Momentary and Pop-up Menus	19
5. Command Menus	29
6. Dynamic Item List Menus	35
7. Multiple Menus	41
8. The Multiple Menu Choose Facility	47
9. The Multiple Choice Facility	51
10. The Choose Variable Values Facility	57
11. The Mouse-sensitive Items Facility	81
12. The Margin Choice Facility	91
SCROLL Scroll Windows	
1. Introduction	1
2. Basics of Scroll Windows	3
3. Constructing Items	5
4. Virtual List Maintenance	13

MISCUI Miscellaneous Functions

1. Dates and Times	1
2. Querying the User	9
3. Miscellaneous Zwei Internals	19

Volume 6: Utilities and Applications

	Page
ZMAILT Zmail Tutorial and Reference Manual	
1. Introduction	1
2. Zmail Tutorial	3
3. Entering and Exiting Zmail	17
4. Help and Recovering From Stuck States	23
5. Sending and Reading Mail	31
6. Movement and Deletion	53
ZMAILC Zmail Concepts and Techniques	
1. Introduction	1
2. Zmail Architecture	3
3. Fundamental Techniques	7
4. Manipulating Messages	17
5. Managing Your Mail	25
6. Reference Information	33
FED Font Editor	
1. Introduction	1
2. Entering and Leaving FED	3
3. Font Editor Basic Concepts	5
4. Drawing	11
5. The Character Box	13
6. The Gray Plane	15
7. Registers	17
8. Transformations	19
9. The Sample String	23
10. Adjusting the Display	25
11. Files	27
12. Command List	29
HARD Hardcopy System	
1. Introduction	1
2. Network Database Attributes Relating to Printers	3
3. Printer Object Attributes	5
4. Customizing Hardcopy Facilities	7
5. Hardcopy Functions	9

CONV Converse

- 1. Introduction 1
- 2. Using Converse 3
- 3. Customizing Converse 7

FSED FSEdit

- 1. File System Editor 1
- 2. How to Interpret Directory Listings 5

MISCU Other Utilities and Applications

- 1. Some Utility Functions 1
- 2. Peek 3

Volume 7: Networks and I/O

	Page
STR Streams	
1. Introduction to the I/O System	1
2. The Character Set	3
3. I/O Streams	9
4. Formatted Output	25
5. Input Editing	45
6. The :read and :print Stream Operations	57
7. Accessing Files	59
8. Accessing Directories	79
FILE Files	
1. Naming of Files	1
2. Lisp Machine File System	57
3. FEP File System	71
NETIO Networks and Peripherals	
1. Front-end Processor	1
2. 3600 Serial I/O Facility	23
3. Chaosnet	33
4. LM-2 UNIBUS I/O	105
PROT Networks and Protocols	
1. Network Database	1
2. The Lisp Machine Generic Network System	35
3. Interfacing to the Network System	63
4. Chaosnet File Protocol	85

Volume 8: System Installation, Maintenance, and Programming

	Page
SIG Software Installation Guide	
1. Introduction	1
2. Procedures for Installing Release 5.0	5
3. Booting a World on the 3600	25
SITE Site Operations	
1. File System Maintenance Program	1
2. Saving New Versions of World Loads	17
TAPE Tape	
1. Writing Programs That Use Magnetic Tape	1
2. Distribution Tape Subsystem	9
STOR Storage Management	
1. Areas	1
2. The Garbage Collector	7
3. room	15
4. Resources	17
PROC Processes	
1. Introduction	1
2. The Scheduler	3
3. Locks	9
4. Creating a Process	11
5. Process Messages	15
6. Process Flavors	21
7. Other Process Functions	23
8. Interim Changes: Processes	25
INIT Initializations	
1. Introduction to Initializations	1
2. System Initialization Lists	5

INT Internals

1. Stack Groups	1
2. Subprimitives	9
3. How to Read Assembly Language (LM-2)	37
4. 3600 Disk System User Interface	55
5. PC Metering on the 3600	85

INDEX Index

System Index

990080

March 1984

This document corresponds to Release 5.0.

This document was prepared by the Documentation Group of Symbolics, Inc.

No representation or affirmation of fact contained in this document should be construed as a warranty by Symbolics, and its contents are subject to change without notice. Symbolics, Inc. assumes no responsibility for any errors that might appear in this document.

Symbolics software described in this document is furnished only under license, and may be used only in accordance with the terms of such license. Title to, and ownership of, such software shall at all times remain in Symbolics, Inc. Nothing contained herein implies the granting of a license to make, use, or sell any Symbolics equipment or software.

Symbolics is a trademark of Symbolics, Inc., Cambridge, Massachusetts.

Copyright © 1984, Symbolics, Inc. of Cambridge, Massachusetts.

All rights reserved. Printed in USA.

This document may not be reproduced in whole or in part without the prior written consent of Symbolics, Inc.

Printing year and number: 87 86 85 84 9 8 7 6 5 4 3 2 1

Index

How to Use this Index

This System Index includes all indexes from the documents in the entire documentation set. It has entries for all Lisp objects, all chapter and section titles, and many useful concepts and topics.

This is a permuted, keyword-in-context index. Each original index entry appears in many places, one for each keyword. Take, for example, the following entry:

Zmacs commands for finding out about Lisp

It appears in the Index under "commands", "Lisp", and "Zmacs". Formatting puts the keyword just to the right of the center blank column. Read entries across the entire line, from left to right. For example:

Zmacs commands for finding out about Lisp ZMACS 201

Zmacs commands for finding out about Lisp ZMACS 201

Zmacs commands for finding out about Lisp ZMACS
201

The document to which the page numbers in each index entry refer is identified by a mnemonic (ZMACS in the example above). When an entry contains references to more than one document, the new document mnemonic precedes the relevant page number(s). For example:

ABORT key COND 24, 46, WINDOC 41

This entry directs you to pages 24 and 46 of the COND document and page 41 of the WINDOC document. Use the Documentation Map (in the MAP section at the front of each volume) to find the corresponding document and volume for each mnemonic. In this example, this would be *Conditions* in Volume 3 and *Using the Window System* in Volume 5.

Page numbers designate the beginning of the section in which the item is described. For multipage sections, this might not be the page on which the relevant description actually appears.

Use this System Index to resolve cross-references between documents. For example, you might find the following in a document: See the section "Reply Command". To find the document and page number, look in the System Index under either "Reply" or "Command". You will find the document mnemonic and a page number. Then proceed as you would for any other index entry.

⤵		⤵		⤵
	Right horseshoe	(⤵) character in ITS pathnames	FILE 48	
⊗		⊗		⊗
	Circle-X	(⊗) character	PRIM 93	
	Circle-x	(⊗) character in TOPS-20 pathnames	FILE 46	
↔		↔		↔
	Double-arrow	(↔) character	FILE 48	
	Double-arrow character	(↔) in logical pathnames	FILE 49	
≠		≠		≠
		≠ function	PRIM 67	
≤		≤		≤
		≤ function	PRIM 67	
≥		≥		≥
		≥ function	PRIM 66	
≡		≡		≡
	Equivalence sign	(≡) character in ITS pathnames	FILE 48	
	Equivalence sign character	(≡) in logical pathnames	FILE 49	
!		!		!
		! character file not backed up flag	FSED 5	
		! Dired command	ZMACS 140	
	Exclamation point	(!) line continuation indicator	ZMACS 20, 46	
#		#		#
		# reader macros	PRIM 99	
		#' PRIM	99	
		#' special form	EVAL 20	
	Sharp sign	(#) macro character	PRIM 98	
		#+ PRIM	99	
		#+ conditional expressions	3600 14	
		#+3600 3600 14, FLAV 40, COMP 21		
		#+cadr 3600 14, COMP 21		
		#, PRIM	99	
		#- PRIM	99	
		#. PRIM	99	
		#/ PRIM	99	
		#/ and #\ now identical	RN 19	
		#/ character identifier	ARR 25	
		#: package qualifier	PKG 19	
		#:symbol-syn-stream	RN 20	
		#:syn-stream	RN 20	
		#< PRIM	99	
	New reader macro:	#B RN	18	
		#B reader macro	RN 18, PRIM 101	
		#M PRIM	99	
		#M macro-character	COMP 23	
		#N PRIM	99	
		#O PRIM	99	
		#Q PRIM	99	

#Q macro-character COMP 23
 #R PRIM 99
 #X PRIM 99
 #\ PRIM 99
 #\ character identifier ARR 25
 #/ and #\ now identical RN 19
 #\backspace WINDOC 23
 #\return WINDOC 23
 #\tab WINDOC 23
 #~ PRIM 99
 Previously undocumented reader macro: #| and |# RN 83

\$

\$

\$

\$ character do not reap file flag FSED 5
 \$ Dired command ZMACS 139
 *\$ function PRIM 69

&

&

&

& keywords EVAL 11, FUNC 14

'

'

'

Single quote (') EVAL 19
 Quote (') macro character PRIM 98
 Use **record-source-file-name** instead of (*remprop symbol*
 '**source-file-name**) RN 147
 (zmail 'reload) Lisp Listener command ZMAILT 24

)

)

)

Move Over) ZMACS 56

*

*

*

* buffer status indicator ZMACS 19
 * character FILE 19
 * descriptor file indicator PROT 21
 * function 3600 27, PRIM 69
 * instruction INT 44
 :* keyword symbol PROT 27
 * string PROT 27
 * variable MISCF 8
 ** accordion wildcard specification RN 120
 ** variable MISCF 8
 *** variable MISCF 8

+

+

+

+ flag in Zmacs ZMACS 103
 + function 3600 27, PRIM 68
 + instruction INT 44
 + variable MISCF 8
 +\$ function PRIM 68
 ++ variable MISCF 8
 +++ variable MISCF 8

' , Dired command ZMACS 136
 Comma character (,) in backquote facility MAC 7
 Comma (,) macro character PRIM 98

-
 - function 3600 27, PRIM 68
 - instruction INT 44
 - message status ZMAILT 3
 - variable MISC F 8
 -\$ function PRIM 69
 -* STR 72

•
 • Font Editor drawing command FED 12
 Dot (.) in symbols MAC 15
 .bin file type 3600 13
 .bin files FED 28
 .bn file type 3600 13
 .CLOSE uuo NETIO 75
 .CSCLS TOPS-20/TENEX connection state NETIO
 81
 .CSINC TOPS-20/TENEX connection state NETIO 81
 .CSLOS TOPS-20/TENEX connection state NETIO
 81
 .CSLSN TOPS-20/TENEX connection state NETIO
 81
 .CSOPN TOPS-20/TENEX connection state NETIO
 81
 .CSPRF TOPS-20/TENEX connection state NETIO
 81
 .CSRFC TOPS-20/TENEX connection state NETIO
 81
 .CSRFS TOPS-20/TENEX connection state NETIO
 81
 .fep file type RN 134, LMS 34
 .IOT uuo NETIO 73
 .MOACN function code NETIO 81
 .MOAWS function code NETIO 81
 .MOEOF function code NETIO 81
 .MOERR function code NETIO 81
 .MOFHS function code NETIO 81
 .MONOP function code NETIO 81
 .MOOPN function code NETIO 81
 .MOPKR function code NETIO 81
 .MOPKS function code NETIO 81
 .MORWS function code NETIO 81
 .MOSIZ function code NETIO 81
 .MOSND function code NETIO 81
 .MOSRT function code NETIO 81
 .MOSWS function code NETIO 81
 .MOUAC function code NETIO 81
 .NETS uuo NETIO 75
 .qbin file type 3600 13
 .qbin files FED 28
 .RCHST uuo NETIO 75
 .RESET uuo NETIO 75

/	/	/
		/ Font Editor command FED 31
		/ function 3600 27
[filename		/ Hardcopy] File System Editor menu item HARD 1
[Move		/ Hardcopy] Zmail menu item HARD 1
		/ instruction INT 44
		// function PRIM 70
		// variable MISC F 8
		/\$ function PRIM 70
		/BINARY RN 109
		/VAR RN 109
\	\	\
		\ Font Editor command FED 31
		\ function PRIM 71
Backslash		(\) character PROT 21
		\\ function PRIM 73
[Set		\] Inspector menu item MISCT 5
^	^	^
		^ function PRIM 73
c-X		^ Zmacs command ZMACS 117
		^\$ function PRIM 73
Circumflex		(^) in fixnum syntax PRIM 93
		^F font change indicators ZMAILT 11
—	—	—
		Underscore (_) in fixnum syntax PRIM 93
‘	‘	‘
		(`) MAC 7
Backquote character		(`) macro character PRIM 98
Backquote		
		Previously undocumented reader macro: # and # RN 83
~	~	~
		New format directives: ~-> and ~← RN 55
		~← format directive RN 55
		New format directives: ~-> and ~← RN 55
		~-> format directive RN 55
		~% directive STR 25
		~& directive STR 25
		Tilde (~) character in format control strings STR 25
		~* directive STR 25
		~; directive STR 25
		~< directive STR 25
		~<CR> directive STR 25
		~> directive STR 25
		~@* format directive RN 21
		~@* replace ~X and ~G RN 21
format directives ~@T and		~@T and ~@* replace ~X and ~G RN 21
format directives		~@T format directive RN 21
		~A directive STR 25
		~C directive STR 25
		~D directive STR 25
		~E directive STR 25
		~F directive STR 25

format directives `~@T` and `~@*` replace `~X` and
 Introduction: Mouse-Sensitive **format** Directive:
 Mouse-Sensitive **format** Directive:
 Source Code: Mouse-Sensitive **format** Directive:

format directives `~@T` and `~@*` replace

format

`~G` RN 21
`~G format` directive RN 21
`~M` WINDEX 48
`~M` WINDEX 47
`~M` WINDEX 50
`~nG` directive STR 25
`~O` directive STR 25
`~P` directive STR 25
`~Q` directive STR 25
`~R` directive STR 25
`~S` directive STR 25
`~T` directive STR 25
`~X` and `~G` RN 21
`~X` directive STR 25
`~X format` directive RN 21
`~\` directives can have package prefixes RN 92
`~\date\` directive STR 25
`~\datetime\` directive STR 25
`~\time-interval\` directive STR 25
`~\time\` directive STR 25
`~]` directive STR 25
`~^` directive STR 25
`~|` directive STR 25
`~}` directive STR 37
`~`` directive STR 25

0

Memory Board Not Needed in Lbus Slot
 c-X

0

0 RN 136
 Ø Zmail command ZMAILT 42

0

1

Introduction: Pocket Calculator, Version
 Pocket Calculator, Version
 Source Code: Pocket Calculator, Version
 c-X
 c-X
 c-X
 One Window (c-X

1

1 WINDEX 6
 1 WINDEX 5
 1 WINDEX 10
 1 (One Window) TOOLS 60
 1 Zmacs command ZMACS 118
 1 Zmail command ZMAILT 42
 1) TOOLS 60
 1+ function PRIM 72
 1+\$ function PRIM 72
 1- function PRIM 72
 1-\$ function PRIM 72
 13 LMS
 14: New Features RN 133
 15: Improvements RN 135
 15: Incompatible Changes RN 133
 15: New Features RN 135
 16 PRIM 99
 16-bit Data packet NETIO 57
 16: Improvements RN 137
 16: New Features RN 136
 17: Improvements RN 140
 18: Improvements RN 140
 1: A Multicolumned Menu MENUS 15
 1: Simple Momentary Menu MENUS 23

1

Momentary menus
 FEP Version
 FEP Version
 FEP Version
 FEP Version
 Radix
 DAT
 FEP Version
 FEP Version
 FEP Version
 FEP Version
 Geometry Example
 tv:momentary-menu Example

2

Introduction: Pocket Calculator, Version
 Pocket Calculator, Version
 Source Code: Pocket Calculator, Version
 c-X
 FUNCTION

2

2 WINDEX 24
 2 WINDEX 23
 2 WINDEX 25
 2 (Two Windows) TOOLS 60
 2 W displays current process name in status line RN
 148

2

c-X 2 Zmacs command ZMACS 117
 c-X 2 Zmail command ZMAILT 42
 Two Windows (c-X) 2) TOOLS 60
 24-bit numbers 3600 32, PRIM 82
 Addition of 24-bit numbers PRIM 82
 Double-precision arithmetic with 24-bit numbers 3600 32
 Multiplication of 24-bit numbers PRIM 82
 Subtraction of 24-bit numbers PRIM 82
 %24-bit-difference function PRIM 82
 %24-bit-plus function PRIM 82
 %24-bit-times function PRIM 82
 26 LMS
 HELP key in the Debugger 270 on 3600, 998 on LM-2 RN 3
 New Microcode in Release 5.0:
 tv:momentary-menu Example 2: Item List as Init-plist Option MENUS 24
 Geometry Example 2: Retrieving Geometry Information MENUS 16

3

3

3

Introduction: Pocket Calculator, Version 3 WINDEX 30
 Pocket Calculator, Version 3 WINDEX 29
 Source Code: Pocket Calculator, Version 3 WINDEX 32
 c-X 3 (View Two Windows) TOOLS 60
 c-X 3 Zmacs command ZMACS 117
 View Two Windows (c-X) 3) TOOLS 60
 Xerox 3-MB Ethernet PUP network PROT 12
 32-bit mode data INT 55
 36-bit mode data INT 55
 3600 3600 29
 3600 3600 18
 3600 3600 14
 3600 SIG 25
 3600 NETIO 3
 Differences Between the LM-2 and 3600 3600 27
 Array Types on the 3600 3600 31
 Assembly Language for the 3600 3600 15
 Booting a World on the 3600 3600 31
 Cold Booting the 3600 RN 110, NETIO 31
 Differences Between the LM-2 and 3600 3600 1
 Features Not Existing on the 3600 3600 3
 Floating Point on the 3600 3600 30
 Hash Tables: Differences Between the LM-2 and 3600 MAINT 19
 Hdlc Serial I/O on the 3600 RN 50
 Introduction to the 3600 3600 28
 LM-2 Keys That Do Not Exist on the 3600 NETIO 2
 Maintaining a Patchable System on the LM-2 and 3600 INT 85
 Maintaining Parallel Systems for the LM-2 and the 3600 NETIO 2
 New Metering Tools for the 3600 LMS 4, NETIO 2
 Nonlocal Exits: Differences Between the LM-2 and 3600 3600 17
 Operating the 3600 3600 32
 PC Metering on the 3600 RN 145
 Powering up a 3600 3600 24
 Powering up the 3600 3600 24
 self on the LM-2 and the 3600 3600 23
 set-memory-size: Features not existing on the 3600 3600 10
 store not supported on the 3600 3600 16
 Subprimitives Existing on the LM-2 and 3600 NETIO 5
 Subprimitives Existing Only on the 3600 and the LM-2 COMP 21
 Subprimitives Not Existing on the 3600 compiler optimizer 3600 14
 Symbol Characters on the LM-2 and 3600 Disk System User Interface INT 55
 typep on the LM-2 and the 3600 Disk System User Interface INT 74
 Warm Booting the 3600 Disk System User Interface INT 68
 Files That Must Be Compiled on the 3600 Edition LMS 37
 3600 EIA RS-232 protocol NETIO 23
 FEP File Properties: 3600 FEP files selected for dumping TAPE 14
 FEP File System: 3600 for LM-2 Users 3600 31
 Index of Function Keys: Lisp Machine Summary 3600 Keyboard 3600 3
 System (3600 only) RN 95
 Predicates: Notes on the
 The
 New option for si:sb-on: :mouse

Multidimensional Arrays on the	3600 Remember Actual Dimensions RN 78
	3600 select-methods handle :operation-handled-p and :send-if-handles RN 81
Hardware Description:	3600 Serial I/O NETIO 23
Parameters:	3600 Serial I/O NETIO 27
The Serial I/O Stream:	3600 Serial I/O NETIO 25
	3600 Serial I/O Facility NETIO 23
	3600 Supports IEEE Single- and Double-precision Floating Point RN 48
Use of :default-handler on the	3600 system FLAV 40
New Microcode in Release 5.0: 270 on	3600, 998 on LM-2 RN 3
tv:momentary-menu Example	3: Centered Label and Use of General List Items MENUS 24

4

4

4

c-X	4 (Modified Two Windows) TOOLS 60
c-X	4 Zmacs command ZMACS 117
	Change in Zmacs command Modified Two Windows (c-X 4) RN 127
Modified Two Windows (c-X	4) TOOLS 60
Modified Two Windows (c-X	4) Zmacs command RN 127
Notes: Release	4.4 Patch Notes NETIO 31
Converting a Release	4.5 Site to Release 5.0 SIG 6
tv:momentary-menu Example	4: Using the Mouse Buttons MENUS 25

5

5

5

Changes to Networks in Release	5.0 RN 107
Changes to the FEP in Release	5.0 RN 133
Changes to the File System in Release	5.0 RN 119
Changes to the Keyboard in Release	5.0 LMS 35
	Changes to the Lisp Language and Compiler in Release 5.0 RN 5
Changes to Utilities in Release	5.0 RN 113
Changes to Zmacs in Release	5.0 RN 123
Changes to Zmail in Release	5.0 RN 129
Clarifications and Corrections for Release	5.0 RN 143
Converting a Release 4.5 Site to Release	5.0 SIG 6
Improvements to Lisp in Release	5.0 RN 77
Improvements to Utilities in Release	5.0 RN 116
Improvements to Zmacs in Release	5.0 RN 126
Improvements to Zmail in Release	5.0 RN 130
Incompatible Changes to Lisp in Release	5.0 RN 5
Incompatible Changes to Networks in Release	5.0 RN 107
Incompatible Changes to the File System in Release	5.0 RN 119
Incompatible Changes to Utilities in Release	5.0 RN 113
Incompatible Changes to Zmacs in Release	5.0 RN 123
Incompatible Changes to Zmail in Release	5.0 RN 129
Introduction: Updated Information for Release	5.0 LMS 34
New Features in Lisp in Release	5.0 RN 44
New Features in Networks in Release	5.0 RN 108
New Features in the File System in Release	5.0 RN 120
New Features in Utilities in Release	5.0 RN 114
New Features in Zmacs in Release	5.0 RN 124
New Features in Zmail in Release	5.0 RN 130
Notes on Operations in Release	5.0 RN 151
Procedures for Installing Release	5.0 SIG 5
Updated Information for Release	5.0 LMS 34
Release	5.0 Prerequisites SIG 1
Release	5.0 Terminology SIG 2
Release	5.0 Update LMS 33
New Microcode in Release	5.0: 270 on 3600, 998 on LM-2 RN 3
Release	5.0: Introduction and Highlights RN 1
Release	5.0: Notes and Clarifications RN 143
Release	5.0: Operations and Site Management RN 151

6	6	6
	Elapsed Time in	60-Hz Clock NETIO 109 60ths of a Second MISCUI 2 68000 NETIO 1
7	7	7
	HELP key in the FEP	7 LMS
8	8	8
	Radix	8 PRIM 99
	c-X	8 Zmacs command ZMACS 117
	DAT	8-bit Data packet NETIO 57
	ARPANET RFC	810 format PROT 26
	arpanet RFC	811 protocol PROT 25
9	9	9
	New Microcode in Release 5.0: 270 on 3600,	998 on LM-2 RN 3
:	:	:
		: character as keyword identifier PKG 9 : message status ZMAILT 3 : package qualifier PKG 19, 33, 35
;	;	;
	c-X	;(Set Comment Column) TOOLS 23
	c-X	; Zmacs command ZMACS 158
	Set Comment Column (c-X	;) TOOLS 23
	Semicolon	(;) comment indicator ZMACS 157
	Semicolon	(;) macro character PRIM 98
<	<	<
		< :oldest version specifier FILE 48, 49 < function PRIM 67 < instruction INT 44 < oldest version specifier RN 35 <= function PRIM 67 DSK: <(SYSTEM)>HOSTS2.BIN file NETIO 83
=	=	=
		= Dired command ZMACS 137 = function PRIM 65 = instruction INT 44 c-X = Zmacs command ZMACS 37 =>, link indicator in directory listings FSED 5
>	>	>
	AI: LISPM; DEFMIC	> :newest version specifier FILE 48, 49 > file INT 44 > function PRIM 66 > instruction INT 44 > newest version specifier RN 35 >= function PRIM 66 >BAD-BLOCKS.FEP file INT 75 >Boot.boot RN 134 >Boot.boot files RN 134
	>Configuration.fep Files Are Now Called	

>Configuration.fep files RN 134, LMS 34
 >Configuration.fep Files Are Now Called
 >Boot.boot RN 134
 >DIR FEP file type INT 75
 >DISK-LABEL.FEP file INT 75
 >dump-maps directory SITE 5
 SYSENG;NETWRK >file NETIO 79
 SYSTEM;CHSDEF >file NETIO 79
 >FREE-PAGES.FEP file INT 75
 >fspt. fspt file FILE 67
 Fep0: >lms.file file FILE 72
 Fep0: >page.page file FILE 72
 >repatriations directory SITE 14
 >SEQUENCE-NUMBER.FEP file INT 75

?

?

?

? Dired command ZMACS 135
 ? Font Editor command FED 30
 HELP ? Zmacs command ZMACS 12

@

@

@

● character, do not delete file flag FSED 5
 @ Font Editor command FED 29
 At-sign (@) in format directives STR 25
 @define macro FUNC 13

A

A

A

FUNCTION	A command ZMAILT 24
NETWORK	A command RN 114
	A Dired command ZMACS 141
	A FSPT Editor command FILE 68
	A Peek command MISCU 3
	α prefix STR 3
c-X	A Zmacs command ZMACS 112
HELP	A Zmacs command ZMACS 12, 35
c-X	A Zmail command ZMAILT 42
sys:	a-memory-counter-block-names variable INT 33
	a-memory-location-names variable INT 29
Word	Abbrev mode ZMACS 18
Word	Abbrev Mode (m-X) Zmacs command ZMACS 181
	Abbreviated FEP input NETIO 1
BABYL pathname type	abbreviation FILE 44
CWARNS pathname type	abbreviation FILE 44
Function	abbreviation PRIM 99
INIT pathname type	abbreviation FILE 44
LISP pathname type	abbreviation FILE 44
MAIL pathname type	abbreviation FILE 44
MIDAS pathname type	abbreviation FILE 44
OUTPUT pathname type	abbreviation FILE 44
PATCH-DIRECTORY pathname type	abbreviation FILE 44
(PDIR) pathname type	abbreviation FILE 44
PRESS pathname type	abbreviation FILE 44
QFASL pathname type	abbreviation FILE 44
QWABL pathname type	abbreviation FILE 44
TEXT pathname type	abbreviation FILE 44
ULOAD pathname type	abbreviation FILE 44
UNFASL pathname type	abbreviation FILE 44
XMAIL pathname type	abbreviation FILE 44
Sharp-sign	Abbreviations PRIM 99
UNIX pathname	abbreviations FILE 44
VAX/VMS pathname	abbreviations FILE 44
	Ability to Output WINDOC 9
	abort PRIM 103

- ABORT LMS 37, COND 52, TOOLS 91
- Dired
 - Abort ZMACS 135
 - Abort At Top Level ZMACS 32
- Transmit
 - Abort bit NETIO 70
 - ABORT command ZMAILT 8, 13, 24, 46
 - ABORT Debugger command DEBUG 9, 15
 - ABORT Dired command ZMACS 135
- sys:**
 - abort** flavor COND 24, 46, 52, TOOLS 121, TOOLS 121
 - ABORT Font Editor command FED 31
 - ABORT key COND 24, 46, WINDOC 41
- Chaosnet
 - abort meter INT 30
 - Abort Patch (m-X) Zmacs command ZMACS 174, MAINT 34
 - [Abort Send] Editor menu item ZMAILT 46
 - Abort signals NETIO 37
 - ABORT Zmacs command ZMACS 32
- net:**
 - abort-service-access-path-future** function PROT 41
- Continuing Completed or
 - Aborted Messages ZMAILT 46
 - [Abort] MENUS 47, 51
 - [Abort] Filter Creation Display menu item ZMAILC 10
 - [Abort] Save-Exit menu item ZMAILT 17
- Getting Information
 - About an Array ARR 11
- Warnings
 - about file attribute lists ZMACS 126
- Zmacs commands for finding out
 - about flavors ZMACS 202
- Compiler now warns
 - about implicit progrns in loops RN 82
- Zmacs commands for finding out
 - about Lisp ZMACS 201
- Finding Information
 - about machine addresses INT 34
- Finding Out
 - About Patchable Systems MAINT 29
- Information
 - About Temporary Consing Areas (LM-2) STOR 6
- Zmacs commands for finding out
 - about the state of buffers ZMACS 201
- Zmacs commands for finding out
 - about the state of Zmacs ZMACS 201
- Major-mode-setting Commands Now Query
 - About This Document WINDEX 2, MENUS 1
 - About Updating File Attribute List RN 126
 - About Zmacs Commands ZMACS 34
- Finding Out
 - abs** function PRIM 69
 - Absolute goto RN 21, STR 29
 - Absolute value PRIM 69
 - Abstract types FLAV 5, 13
- Combining
 - abstract types FLAV 19
- Compiling operations on
 - abstract types FLAV 5
- tv:**
 - abstract-dynamic-item-list-mixin** flavor MENUS 35
- Abstract-operation functions FLAV 5
- Acute
 - accent NOTA 1
- chaos:**
 - accept** function NETIO 86
 - :accept** message PROT 79
 - Accept Request for Connnection NETIO 81
 - :accept-p** property PROT 82
 - :accept-p** stream option for **net:define-server** PROT 50
- Accepted by **tv:menu** MENUS 101
- Messages
 - Accepts PRIM 93
- What the Reader
 - Accepts Common Lisp Floating Point Exponents RN 17
- Reader
 - access TAPE 11
- Changing default selections for tape
 - Access NETIO 107
- Direct Memory
 - Access NETIO 64
- File
 - Access TAPE 11
- Tape
 - access device WINDOC 75
- Keyboard as random
 - Access files on network file servers NETIO 64
 - Access functions MAC 35
- Service
 - access path PROT 39
- File
 - access paths PROT 53
- fs:**
 - access-error** COND 68
- fs:**
 - access-error** flavor COND 68
- Run time of array
 - accessing INT 52
- Accessing Directories STR 79
- Accessing Directories STR 79
- Functions for
 - Accessing Directories STR 79

- Accessing FEP Files INT 69
- Accessing Files STR 59
- Accessor functions DEFS 1, 21
- Accessor Functions INT 59
- accessor functions DEFS 7
- :accessor-prefix** option for **defflavor** FLAV 35
- Accidental deletion ZMACS 33
- ** accordion wildcard specification RN 120
- Accordion wildcards RN 1
- Accordion Wildcards RN 120
- Accordion Wildcards RN 119
- ACK number of received packets to be acknowledged NETIO 77
- ACK number of received packets to be acknowledged NETIO 77
- Acknowledgement NETIO 50
- Acknowledgement of the EOF Packet on Writing with QFILE PROT 109
- Acknowledgement packet header field NETIO 44, 50, 56
- ACLO signal NETIO 106
- action WINDOC 9
- action WINDOC 9
- action WINDOC 17
- action WINDOC 9
- action WINDOC 17
- action WINDOC 9
- action WINDOC 9
- action WINDOC 17
- action WINDOC 9, 13
- Action PROC 25
- action summary LMS 28
- actions summary LMS 28
- Actions with Mouse-sensitive Items MENUS 82
- Activate window MENUS 97
- %activate-open-call-block** function INT 22
- :activate-p** init option for **tv:essential-window** WINDOC 23
- :activate-p** init option for **tv:menu** MENUS 97
- Activating yanked forms INED 3
- Activation character RN 65, STR 52
- Activation characters RN 22, 57
- :activation** option RN 57, WINDOC 49, STR 49
- :activation** option for **:rubout-handler** message WINDOC 47, STR 46
- :activation, :command, :preemptable** RN 57
- active channel PROT 86
- Active elements in arrays ARR 4, 12
- Active frame COND 16
- active frame COND 16
- Active inferiors set WINDOC 3, 6, 13
- Active processes PROC 1, 3
- active processes MISCU 3
- [Active Structure Edit] Maintenance Operations menu item SITE 1
- Active windows WINDOC 3
- :active-p** method of **si:process** PROC 18
- active-processes** variable PROC 6
- Actor FLAV 1, 9
- Actual Dimensions RN 78
- Actual parameters EVAL 11
- Acute accent NOTA 1
- [Add Cc Field] Headers Editor menu item ZMAILT 41
- Add Disk-type and Clear Disk-types RN 136
- Add Disk-type command NETIO 7
- Add Disk-type FEP command RN 136
- Add Fcc Field (m-X) Zmail command ZMAILT 41
- [Add Fcc Field] Headers Editor menu item ZMAILT 41
- 41
- Disk Event
 - Names of structure
 - LMFS
 - LMFS Dumper Supports
 - Waiting for
 - :error** deexposed timeout
 - :expose** deexposed timeout
 - :normal** deexposed typein
 - :normal** deexposed timeout
 - :notify** deexposed typein
 - :notify** deexposed timeout
 - :permit** deexposed timeout
 - Deexposed typein
 - Deexposed timeout
 - Process Warm-boot
 - Mail
 - Zmail
 - Associating
- New input editor options: **:no-input-save,** QFILE
 - Interesting
 - Display status of
 - sys:
- Multidimensional Arrays on the 3600 Remember
- New FEP Commands:

- Add From Field (m-X) Zmail command ZMAILT 41
- [Add From Field] Headers Editor menu item ZMAILT 41
- [Add In Gray] Font Editor menu Item FED 16, 30
- Add In Reply To Field (m-X) Zmail command ZMAILT 41
- [Add In Reply To Field] Headers Editor menu item ZMAILT 41
- [Add More Text] Editor menu item ZMAILT 42
- Add new objects to network database PROT 19
- Add Paging-file command NETIO 7
- Add Patch (m-X) Zmacs command ZMACS 173, MAINT 34
- Changes to
 - Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
 - Add Patch Changed Definitions (m-X) Zmacs command RN 123, ZMACS 173
- Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
 - Add Patch Changed Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
 - Add prompt STR 52
 - Add region to patch file MAINT 34
 - [Add Subject Field] Headers Editor menu item ZMAILT 41
 - Add System TAPE 15
 - [Add To Field] Headers Editor menu item ZMAILT 41
- zwei: **add-bug-recipient** function ZMAILT 33
- chaos: **add-contact-name-for-protocol** function PROT 52
- tv: **add-escape-key** function WINDOC 53
- add-highlighted-item** message
 - tv:menu-highlighting-mixin MENUS 43
- add-highlighted-value** message
 - tv:menu-highlighting-mixin MENUS 43
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** INIT 1
- add-initialization** function INIT 1
- add-logical-pathname-host** RN 37
- fs: **add-logical-pathname-host** function RN 37
- add-network** message PROT 71
- add-network** message to interfaces PROT 77
- add-optimizer** special form COMP 19
- tv: **add-system-key** function WINDOC 54, WINDEX 75, 76
- Previously undocumented functions: tv:**add-to-system-menu-programs-column**, tv:**add-to-system-menu-create-menu** RN 103
- tv: **add-to-system-menu-create-menu** function RN 104, MENUS 39
- tv: **add-to-system-menu-programs-column** function RN 104, WINDEX 75, 77, MENUS 39
- Previously undocumented functions: tv: **add-to-system-menu-programs-column**, tv:**add-to-system-menu-create-menu** RN 103
- tv: **add-typeout-item-type** special form WINDEX 6, 8,

- MENUS 84
- add1** function PRIM 71
 - Adding a Partition to LMFS FILE 68
 - Adding a Spare World Load as LMFS File Space FILE 75
 - Adding a Type Decoding Method MENUS 69
 - Adding a Type Keyword Property MENUS 69
 - Adding an Item to the Create Column MENUS 39
 - Adding an Item to the Programs Column MENUS 39
 - Adding an Item to the System Menu MENUS 38
 - Adding Bug Lists to Zmail: Zmail Tutorial and Reference Manual ZMAILT 33
 - Adding item to menu MENUS 35
 - Adding keywords to messages ZMAILC 25
 - Adding new keywords to initialization functions INIT 1
 - Adding New Keywords to **make-system** MAINT 21
 - Adding new methods FLAV 11, 30
 - Adding new networks PROT 35
 - Adding New Options to **defsystem** MAINT 23
 - Adding new symbols to locked packages PKG 58
 - Adding patches to Lisp image SITE 20
 - Adding prompt RN 65
 - Adding to the End of an Array ARR 15
 - Addition PRIM 68, 71, 72
 - Addition of 24-bit numbers PRIM 82
 - Additional Notation Conventions ZMACS 7
 - additional values RN 62
 - ADDR NETIO 77
 - Address PROT 35
 - address INT 37
 - address INT 55
 - address NETIO 3
 - address ZMAILT 47
 - address ZMAILT 47
 - address INT 55
 - address PROT 74
 - address NETIO 46
 - address ZMAILT 47
 - address ZMAILT 47
 - address NETIO 7
 - address INT 72
 - address INT 16
 - address INT 55
 - address INT 17
 - :address** attribute PROT 35
 - address field INT 37
 - address in routing table NETIO 46
 - Address packet header field NETIO 44
 - Address packet header field NETIO 44
 - Address register NETIO 70
 - Address size 3600 11
 - address type INT 44, 52
 - :address-resolution-parameters** message PROT 79
 - address:** host object attribute PROT 7
 - addresses 3600 24
 - addresses INT 34
 - Addresses PROT 74
 - Addresses PROT 35
 - addresses NETIO 43
 - addresses PROT 74
 - addresses ZMAILT 47
 - addresses 3600 11
 - Addresses and Indices NETIO 43
 - Addressing NETIO 107
 - addressing RN 130
 - Addressing Supported ZMAILC 35
 - Addressing Supported RN 130
 - Adjust paragraph ZMACS 83
- readline** and **readline-trim** return FOREIGN
- Assembly language instruction
 - Block number field in disk Chaosnet
 - Delete the next
 - Delete the previous Disk
 - Host network Host's
 - Move backward over an
 - Move forward over an Setting Chaosnet
 - Translate relative file block number into disk UNIBUS
 - Unit number field in disk Xbus
- Assembly language
 - Connection
 - Destination
 - Source My
 - PDL-POP
- Compare
 - Finding information about machine Network
 - Networks and Numeric host
 - Parsed
 - Transpose two surrounding Word
- RFC822 domain
 - Internet Domain
 - Rfc822 Domain

- Adjust region ZMACS 83
- adjust-array-size** function ARR 13
- :adjust-geometry-for-new-variables** message
- tv:choose-variable-values-window** MENUS 75
- :adjust-screen-array** message to sheets RN 79, WINDOC 9
- Adjusting the Display FED 25
- ADL INT 47, 52
- Administrative Functions PROT 25
- :advance-input-buffer** message STR 17
- Advanced Example INT 40
- Advanced Features of **defmacro** MAC 31
- Advice DEBUG 28
- Advice DEBUG 27
- Advice to functions DEBUG 25
- advise** special form FUNC 7, DEBUG 25
- sl: advise-1** function DEBUG 27
- sl: advise-within** special form DEBUG 29
- sl: advised-functions** variable DEBUG 27
- Advising a Function DEBUG 25
- Advising One Function Within Another DEBUG 29
- affiliation:** user_object attribute PROT 11
- :after** daemon method FLAV 49
- Cold boot after logging out LMS 6
- :after** method type FLAV 49
- Cold boot after powering up LMS 4
- What to Do After Reading a Message ZMAILT 12
- After-daemon methods FLAV 19
- :after-full-gc** RN 73
- New Initialization list: **:after-network-initialization-list** variable PROT 78
- net:** after] menu item TOOLS 89
- [Break after] menu item TOOLS 89
- [Cond after] menu item TOOLS 89, 93
- [Cond break after] menu item TOOLS 89
- [Print
- Aggregate data types DEFS 1
- Aggregated Boolean Tests FLOW 45
- sys: %aging-depth** meter INT 33
- AI-CHAOS-11 NETIO 68
- AI: LISPM; DEFMIC > file INT 44
- Aid for Debugging Macros MAC 27
- Aids DEBUG 17
- Aids for Defining Macros MAC 5
- algorithm as **:draw-circle** RN 99
- algorithm performance 3600 1
- Aligning code TOOLS 23
- Alist PRIM 32
- alist FILE 13, 15
- alist ZMAILC 25
- alist ZMAILC 27, 31
- alist ZMAILC 21
- alist element FUNC 24
- alist functions FUNC 7, 16, 22, 24
- All ZMACS 165
- All (m-X) TOOLS 96
- all bits alu function WINDOC 34
- All Buffers As Tag Table (m-X) TOOLS 54
- All Buffers As Tag Table (m-X) Zmacs command ZMACS 94
- all changes to buffer ZMACS 109
- all character set translation in ASCII files STR 59
- [Clear all choices] Choice Boxes menu item TAPE 17
- Select All Conversations By References (m-X) Zmail command RN 130
- Save All Files (m-X) Zmacs command ZMACS 108
- [Close All Files] Maintenance Operations menu item SITE 1
- Compiler Performs Style Checking on All Forms RN 81
- [Expunge All FS] Maintenance Operations menu item SITE 1

- Sending message to Reload
Clear
List
Continue Command Sends an
 sys:
 Maclisp
 Default area to
 neti:
 si:
Disk event tasks currently
Disk event tasks that can be concurrently
 Deallocating
Optimizing disk
 Storage
 Storage
 Memory
[Erase
Point motion
 si:
Using the Constructor and
 Functions for
 Booting from
 c-X
 And
And-with-complement
 Exclusive-or
 Inclusive-or
 Set all bits
- all Lisp Machines at site CONV 4, NETIO 85
All option to Operation Wanted [Reload/Retrieve]
 parameter SITE 10
all points FED 29
All reply mode ZMAILT 13, 35
all supported servers PROT 83
All-Cc reply mode ZMAILT 35
all-flavor-names variable FLAV 23
All-keys-up Character to Lisp RN 137
all-lisp-machines PROT 18
all-processes variable PROC 6
all-special-switch variable COMP 11
allfiles function FILE 55
allocate disk arrays INT 57
:**allocate** message INT 71
:**allocate-and-initialize** function INT 15
:**allocate-and-initialize-array** function INT 16
:**allocate-packet** message PROT 73
allocate-packet-buffer function PROT 65
allocate-resource function STOR 20
allocate-unibus-map function NETIO 105
allocated INT 59
allocated INT 59
allocated objects of a resource RN 13, STOR 20
allocate_pkt function NETIO 94
Allocating and freeing Chaosnet storage
 resources STOR 17
Allocating and freeing window system storage
 resources STOR 17
allocation RN 25
allocation 3600 1, STOR 17
allocation error COND 57
allocation of conses PRIM 29
:**allow-unknown-keywords** option for
 make-stack-group 3600 29
allow-variables-in-function-position-switch
 variable 3600 32, COMP 11
[All] filter ZMAILC 8
All Font Editor menu item FED 15, 19, 29
aloc function 3600 27, ARR 10, INT 49
along nesting level ZMACS 54
Alphabetic case ARR 26
si: **alphabetic** syntax description RN 18, PRIM 106
alphabetic-case-affects-string-comparison
 variable ARR 26
alphalessp function ARR 36
Alt character 3600 7
ALT-LOCK key 3600 3
Alt-mode character 3600 7
Alterant macros DEFS 7, 17, 19
Alterant Macros DEFS 15
:**alterant** option for **deconstruct** DEFS 7
Alteration of List Structure PRIM 27
Altering Header Fields ZMAILT 41
Altering the Character Box FED 14
Altering User Option Variables MENUS 67
alternate band SIG 44, SITE 19
Alternative configuration FED 5
Alternative control strings STR 25
Altmode 3600 5, PRIM 103
ALTMODE key RN 116, 3600 3
ALTMODE yank command INED 3, 7
alu function WINDOC 34
alu function WINDOC 34
alu function WINDOC 34
alu function WINDOC 34
alu function WINDOC 34
Alu functions WINDOC 23, 33

- tv: **alu-and** variable WINDOC 34
 - tv: **alu-andca** variable WINDOC 34
 - tv: **alu-ior** variable WINDOC 34
 - tv: **alu-seta** variable WINDOC 34
 - tv: **alu-xor** variable WINDOC 34, 39
- always** clause FLOW 45
- always** keyword FLOW 45
- always** option for **:reset** PROC 18
- sys:dump-forms-to-file** always puts package attribute into binary file RN 82
- Fast Where
- Where
- New Rules for Reading
- Sharing of Symbols
- Point Motion
- Logical
 - and** function FLOW 4
 - :and** method combination type FLAV 49
 - and** special form FLOW 4
 - And-with-complement alu function WINDOC 34
 - [And] Filter Creation Display menu item ZMAILC 10
 - Another DEBUG 29
 - Another Buffer ZMAILC 27
 - another user CONV 3, MISCU 2
 - ANS Answer to a simple transaction packet NETIO 53
 - chaos:** **answer** function NETIO 86
 - ANS Answer to a simple transaction packet NETIO 53
 - Answer to STATUS request NETIO 61
 - chaos:** **answer-string** function NETIO 86
 - Answered message property ZMAILT 3, 35
 - answered status ZMAILT 3
 - :anticyclic** boundary condition for
 - :draw-cubic-spline** WINDOC 39
 - Force out
 - any buffered stream output NETIO 81
 - Any Extended Command ZMACS 6
 - any floating-point number RN 49
 - :any-tyi** method for **tv:any-tyi-mixin** TOOLS 121
 - :any-tyi** method of **tv:stream-mixin** RN 41, 42, WINDOC 43
 - :any-tyi** method for **tv:**
 - any-tyi-mixin** TOOLS 121
 - any-tyi-mixin** and **tv:list-tyi-mixin** obsolete RN 40
 - tv:** **any-tyi-mixin** flavor RN 40, TOOLS 120, TOOLS 120
 - tv:** **any-tyi-mixin** methods TOOLS
 - :any-tyi-no-hang** method of **tv:stream-mixin** RN 41, WINDOC 44
 - [Tree edit
 - any] File System Maintenance menu item FSED 1, SITE 1
 - ap-1** function ARR 10
 - ap-2** function ARR 10
 - ap-3** function 3600 27, ARR 11
 - ap-leader** function ARR 11
 - append** clause FLOW 42
 - Append Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
 - append** function PRIM 25, 29
 - append** keyword FLOW 42
 - :append** method combination type FLAV 49
 - Append Next Kill ZMACS 65
 - Append To Buffer ZMACS 112
 - Append To File (m-X) Zmacs command ZMACS 112
 - Append To Referenced Msg (m-X) Zmail command ZMAILC 21
 - Append to tape dump parameter SITE 5
 - :append** value of **open** option for **:if-exists** RN 25, STR 63

- Dumper Restarting and Append-to-tape Default RN 121
appending clause FLOW 42
appending keyword FLOW 42
 Appending messages ZMAILC 21
 Appending, Prepending, and Inserting Text ZMACS 112
 [Append] Message Summary Line menu item ZMAILC 21
- Order of application of whoppers FLAV 27
 Order of application of wrappers FLAV 26, 27
- Reference Material: Application: Handlers Examining the Stack COND 16
 Peek: Other Utilities and Application: Handlers Examining the Stack COND 17
 New primitives replace Applications MISCU 3
apply and **lexpr-funcall** on arrays 3600 18
apply function 3600 18, PRIM 4, EVAL 11, 17
- Dired Apply Function ZMACS 141
applyhook DEBUG 35
 New function: **applyhook** RN 72
applyhook function RN 72, DEBUG 35
applyhook variable RN 72, DEBUG 35
 Applying Functions to Files ZMACS 141
 Applying functions to list items FLOW 31
- Searching for Appropriate Commands ZMACS 35
:appropriate-width message
tv:choose-variable-values-window MENUS 75
- Completion Apropos ZMACS 12
 Variable Apropos ZMACS 44
 Function Apropos ZMACS 193
 Apropos (m-X) TOOLS 37
 Apropos (m-X) command ZMAILT 23
 Apropos (m-X) Zmail command ZMAILC 5
apropos function MISC 2, TOOLS 34
 Variable Apropos Zmacs command ZMACS 193
ar-1 function ARR 10
 AR-1 instruction INT 52
ar-2 function ARR 10
ar-3 function 3600 27, ARR 10
- Select Arbitrary Format Mail File (m-X) Zmail command ZMAILC 34
- Conceptual Architecture ZMAILC 3
 Zmail Architecture ZMAILC 3
 Arctangent PRIM 74, 75
- What Streams Are STR 9
)Configuration.fep Files Are Now Called)Boot.boot RN 134
 Keyword Symbols Are Self-evaluating RN 13
- Compiled function storage area STOR 5
 Compiler No Longer Expands Macros in a Different Area STOR 6
 Display status of window area MISCU 3
 Echo Area ZMACS 17
 Packages storage area STOR 5
 Property list storage area STOR 5
 Symbol print names storage area STOR 5
 Symbols storage area STOR 5
 Working storage area STOR 1
- Area Functions and Variables STOR 2
:area init option for **sl:eq-hash-table** PRIM 43
:area keyword for **make-list** PRIM 23
 Area name STOR 1
 Area number STOR 1
:area option for **make-array** ARR 7, INT 57
:area option for **make-list** PRIM 12
- Default area to allocate disk arrays INT 57
area-list variable STOR 4
area-name function STOR 4
%area-number function STOR 4
sys: **area-overflow** flavor COND 57
area-swap-recommendations variable 3600 29

Symbolics, Inc. March 1984

- Communication
- Constants storage
- Display status of
- Garbage collection in static
- Interesting
- Interim Changes:
- Memory management of storage
- Mouse-sensitive
- Storage management of
- Temporary consing
- Information About Temporary Consing
- Mouse-sensitive
- Converting
- Areas STOR 1
- areas 3600 19
- areas STOR 5
- areas MISCU 3
- areas STOR 1
- Areas STOR 4
- Areas STOR 5
- areas STOR 1
- areas WINDEX 16, MENUS 2
- areas STOR 1
- areas STOR 6
- Areas (LM-2) STOR 6
- Areas Example MENUS 88
- areas from dynamic to static STOR 8
- Areas: Differences Between the LM-2 and 3600 3600 29
- aref** function 3600 17, 27, ARR 4, 10, 25, INT 49
- Arg ZMACS 22
- ARG base register INT 37, 52
- arg** function EVAL 23
- arg** function DEBUG 13
- :arg** option to **trace** TOOLS 89, DEBUG 20
- %%arg-desc-eval-rest** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-fef-bind-hair** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-fef-quote-hair** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-interpreted** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-max-args** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-min-args** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-quoted** numeric argument descriptor field 3600 27
- %%arg-desc-quoted-rest** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-rest-arg** numeric argument descriptor field 3600 27
- Arglist ZMACS 37
- Arglist (c-sh-A) TOOLS 39
- Arglist (m-X) Zmacs command ZMACS 37
- arglist** function FUNC 7, 22, TOOLS 39
- arglist** variable FUNC 24, TOOLS 91, DEBUG 20
- Arglist) TOOLS 39
- :argpdl** option to **trace** TOOLS 89, DEBUG 20
- [ARGPDL] menu item TOOLS 89
- %args-info** 3600 27
- args-info** 3600 27
- args-info** function FUNC 23
- %args-info** function FUNC 24
- argument changed for **fs:parse-pathname** RN 32
- argument descriptor FUNC 16, 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27
- Argument Descriptor List INT 47
- Argument Descriptors 3600 27
- argument list ZMACS 37
- Argument list of currently running stack group INT 27
- Argument lists TOOLS 39
- Quadruple Numeric
- dbg:**
- Quick Arglist ZMACS 37
- Quick Arglist (c-sh-A) TOOLS 39
- Arglist (m-X) Zmacs command ZMACS 37
- arglist** function FUNC 7, 22, TOOLS 39
- arglist** variable FUNC 24, TOOLS 91, DEBUG 20
- Arglist) TOOLS 39
- :argpdl** option to **trace** TOOLS 89, DEBUG 20
- [ARGPDL] menu item TOOLS 89
- %args-info** 3600 27
- args-info** 3600 27
- args-info** function FUNC 23
- %args-info** function FUNC 24
- argument changed for **fs:parse-pathname** RN 32
- argument descriptor FUNC 16, 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27
- argument descriptor field 3600 27, FUNC 23
- argument descriptor field 3600 27
- Argument Descriptor List INT 47
- Argument Descriptors 3600 27
- argument list ZMACS 37
- Argument list of currently running stack group INT 27
- Argument lists TOOLS 39
- Meaning of
- Numeric
- %%arg-desc-eval-rest** numeric
- %%arg-desc-fef-bind-hair** numeric
- %%arg-desc-fef-quote-hair** numeric
- %%arg-desc-interpreted** numeric
- %%arg-desc-max-args** numeric
- %%arg-desc-min-args** numeric
- %%arg-desc-quoted** numeric
- %%arg-desc-quoted-rest** numeric
- %%arg-desc-rest-arg** numeric
- Numeric
- Display

- Keywords in argument lists FLOW 15
- Argument to **:menu** type menu items can be a menu or a form RN 105
- New optional argument to **gc-immediately** RN 98
- Optional argument to **mapatoms-all** and **where-is** eliminated RN 7
- Change in argument to **process-wait-with-timeout** RN 95
- New optional argument to **read** RN 61
- :macro** argument to **setsyntax** PRIM 107
- :single** argument to **setsyntax** PRIM 107
- :splicing** argument to **setsyntax** PRIM 107
- nil** argument to **setsyntax** PRIM 107
- Second argument to **si:install-microcode** now optional RN 94
- New optional argument to **tv:mouse-wait** RN 101
- :atom** argument to **typep** PRIM 5
- :entity** argument to **typep** PRIM 5
- :fix** argument to **typep** PRIM 5
- :float** argument to **typep** 3600 16, PRIM 5
- :flonum** argument to **typep** 3600 16
- :instance** argument to **typep** PRIM 5
- :number** argument to **typep** PRIM 5
- :small-flonum** argument to **typep** 3600 16
- c-U argument to yanking commands INED 9
- argument-typecase** special form COND 28
- Checking for valid arguments COND 27
- Echoing arguments ZMACS 22
- General Arguments PROT 81
- Hook arguments RN 73, DEBUG 34
- Ignored arguments COMP 15
- Medium Arguments PROT 82
- Negative Numeric Arguments ZMACS 51
- Numeric arguments ZMACS 20, 22, 34, 51
- &optional** arguments INT 47
- Optional arguments INT 47
- &rest** arguments INT 47, 52
- tv:scroll-maintain-list** init function can take arguments RN 105
- Arguments changed for **fs:user-homedir** and **fs:init-file-pathname** RN 34
- Change in numeric arguments to Copy File (m-X) RN 124
- Arguments to functions FUNC 16, 22
- Change in arguments to **print-herald** RN 39
- New optional arguments to **print-notifications** RN 99
- New optional arguments to **read-from-string** RN 84
- arguments to **string-upcase** and **string-downcase** RN 80
- Number of arguments to the currently running stack group INT 27
- Change in arguments to **unadvise** RN 39
- Numeric Arguments: New Yank System INED 9
- Arithmetic PRIM 68
- Double-precision Arithmetic PRIM 82
- Double-precision floating-point arithmetic 3600 15
- Run time of bignum arithmetic INT 52
- Run time of fixnum arithmetic INT 52
- Run time of flonum arithmetic INT 52
- Single-precision floating-point arithmetic 3600 15
- Arithmetic errors COND 54
- New message to arithmetic errors: **:operands** RN 98
- Run time of arithmetic operations INT 52
- Double-precision arithmetic with 24-bit numbers 3600 32
- Base flavor: **sys: arithmetic-error** COND 54
- sys: arithmetic-error** COND 55
- sys: arithmetic-error** flavor RN 98, COND 54
- Moving Around ZMAILT 13
- :around** Advice DEBUG 28
- Positioning Window Around Definition ZMACS 48
- Poking Around in the Lisp World MISCF 1

- Arpanet digest messages ZMAILT 50
 - Arpanet Gateway NETIO 66
 - Arpanet INR/INS attention-getting feature NETIO 63
 - Arpanet Name/Finger protocol NETIO 65
 - ARPANET RFC 810 format PROT 26
 - arpanet** RFC 811 protocol PROT 25
 - Arpanet Telnet and Supdup protocols NETIO 63
 - Arpanet Time protocol NETIO 65
 - Array PRIM 1, 4
 - Array ARR 15
 - array ARR 4, PROT 67
 - array ARR 4
 - array ARR 4
 - array 3600 18
 - array ARR 4
 - array ARR 4
 - array ARR 4
 - array 3600 18
 - array ARR 4, 25
 - array 3600 18, ARR 4
 - array 3600 18, ARR 4
 - array 3600 18, ARR 4
 - array ARR 4
 - array ARR 4
 - array 3600 18, ARR 4
 - array ARR 4
 - array 3600 18
 - array 3600 18, ARR 4
 - array ARR 4, 25
 - array TOOLS 111, 122, WINDOC 5, 6
 - array RN 145
 - Array ARR 13
 - array WINDEX 59
 - Array ARR 16
 - array WINDOC 59
 - Array ARR 11
 - array ARR 4, 7, 13
 - array MISCT 3
 - array ARR 4, 7
 - array WINDOC 6
 - array RN 145
 - array accessing INT 52
 - Array as pattern in dummy description WINDOC 93
 - array can contain INT 57
 - Array Compatibility ARR 23
 - Array dimensions ARR 4, 12
 - array elements ARR 4
 - array elements ARR 4
 - array elements ARR 4
 - array elements ARR 4
 - array elements ARR 4
 - array elements ARR 4
 - array elements ARR 10
 - array elements ARR 10
 - Array Errors COND 60
 - *array** function ARR 24
 - array** function ARR 24
 - Array Functions ARR 7
 - Array header information ARR 4
 - Array initialization ARR 7
 - Array leader ARR 4, 7, 13
 - array leader PROT 67
 - Array leader of a font WINDOC 59
 - Array Leaders SCROLL 11
 - Array pointer 3600 23
 - Array referencing 3600 17
 - Array Referencing 3600 17
 - Array referencing functions INT 49
 - array returned by **string-append** RN 16
 - :array** returned by **typep** PRIM 5
- Adding to the End of an
 - art-16**
 - art-1b**
 - art-2b**
 - art-32b**
 - art-4b**
 - art-8b**
 - art-error**
 - art-fat-string**
 - art-float**
 - art-fps-float**
 - art-half-fix**
 - art-q**
 - art-q list**
 - art-reg-pdi**
 - art-special-padi**
 - art-special-pdi**
 - art-stack-group-head**
 - art-string**
 - Bit-save
 - bitbit width from the destination
 - Changing the Size of an
 - Copy bit-save
 - Copying an
 - Font representation as
 - Getting Information About an
 - Indirect
 - Inspecting an
 - Named structure
 - Screen
 - Using **copy-array-portion** on the same
 - Run time of
 - Number of disk blocks disk
 - Maclisp
 - Bit size of
 - Character strings as
 - Fixnums as
 - Fionums as
 - Half-size fixnums as
 - Returning
 - Storing into
 - Basic
 - Packets with
 - Line Item
 - Change in
 - Change in type of

- Array structure type DEFS 7
 - Array subscripts ARR 4, 13
 - :array symbol in :type option to **defstruct** DEFS 7
 - Array types ARR 4, 7
 - Array Types on the 3600 3600 18
 - array-#-dims** function ARR 12
 - array-active-length** function ARR 12
 - array-bits-per-element** function ARR 4
 - array-bits-per-element** variable ARR 4
 - array-dimension-n** function ARR 12
 - array-dimensions** function ARR 12
 - array-displaced-p** function ARR 13
 - array-element-size** function ARR 4
 - array-elements-per-q** function ARR 4
 - array-elements-per-q** variable ARR 3
 - array-grow** function ARR 14
 - array-has-leader-p** function ARR 13
 - sys:** **array-has-no-leader** flavor COND 60
 - array-in-bounds-p** function ARR 13
 - array-indexed-p** function ARR 13
 - array-indirect-p** function ARR 13
 - array-leader** function ARR 11
 - :array-leader symbol in :type option to **defstruct** DEFS 7
 - array-leader-length** function ARR 13
 - array-length** function ARR 12
 - array-pop** function ARR 16
 - array-push** function ARR 15
 - array-push-extend** function ARR 16
 - array-type** function ARR 11
 - array-types** function ARR 3
 - array-types** variable ARR 3
 - array-used-as-function** special form 3600 17
 - sys:** **array-wrong-number-of-dimensions** flavor COND 60
 - arraycall** function ARR 23, 24
 - arraydims** function ARR 12
 - arrayp** function PRIM 4, 42
 - Arrays 3600 17, FUNC 7
 - arrays ARR 4, 12
 - arrays WINDOC 59
 - arrays WINDEX 57
 - arrays ARR 23
 - arrays INT 57
 - Arrays INT 57, 61
 - arrays ARR 4, 7, 13, PROT 66
 - arrays WINDOC 33
 - Arrays ARR 4
 - arrays ARR 23
 - arrays ARR 23
 - Arrays DEFS 21
 - arrays ARR 23
 - arrays 3600 18
 - arrays PRIM 1
 - Arrays WINDOC 5
 - arrays PRIM 89
 - arrays PRIM 49
 - arrays ARR 4
 - arrays ARR 23
 - Arrays and Exposure WINDOC 6
 - Arrays and Strings ARR 1
 - Arrays as functions ARR 4
 - Arrays as lists ARR 4
 - Arrays in compiled code files COMP 25
 - arrays of **eq** hash tables not permitted RN 145
 - Arrays on the 3600 Remember Actual Dimensions RN 78
 - Arrays Overlaid with Lists ARR 15
- Active elements in
 - art-1b**
 - Bit-save
 - Dead
 - Default area to allocate disk
 - Disk
 - Displaced
 - Drawing pictures onto
 - Extra Features of
 - Fixnum
 - Flonum
 - Grouped
 - Multics external
 - New primitives replace **apply** and **lexpr-funcall** on
 - Numeric
 - Pixels and Bit-save
 - Printed representation of
 - Sorting
 - Storage of
 - Un-garbage-collected
 - Screen
 - Arrays:
 - Inspecting hash
 - Multidimensional

- Arrays used as functions FUNC 11
 Arrays: Arrays and Strings ARR 1
 Arrest process state ZMAILT 24
 Arrest reasons PROC 1
 Run and Arrest Reasons PROC 17
 :arrest-reason method of **si:process** PROC 17
 :arrest-reasons method of **si:process** PROC 17
 :arrest-reasons option for **make-process** PROC 11
 Mouse cursor as an arrow MISCT 1
 art-16 array ARR 4, PROT 67
 art-16b PROT 65
 art-1b array ARR 4
 art-1b arrays WINDOC 59
 art-2b array ARR 4
 art-32b array 3600 18
 art-4b array ARR 4
 art-8b PROT 63
 art-8b array ARR 4
 art-error array 3600 18
 art-fat-string array ARR 4, 25
 art-float array 3600 18, ARR 4
 art-fps-float array 3600 18, ARR 4
 art-half-fix array 3600 18, ARR 4
 art-q array ARR 4
 art-q list array ARR 4
 art-reg-pdl array 3600 18, ARR 4
 art-special-padi array ARR 4
 art-special-pdl array 3600 18
 art-stack-group-head array 3600 18, ARR 4
 art-string array ARR 4, 25
 as clause FLOW 56
 as-1 function ARR 10
 AS-1 instruction INT 52
 as-2 function ARR 10
 as-3 function 3600 27, ARR 10
 :as-if-band option for **print-herald** RN 39
 ASCII character set NETIO 25, 27
 ASCII characters STR 3
 ASCII code NETIO 81
 ASCII files STR 59
 Disable all character set translation in ASCII files STR 59
 Disable special treatment of Rubout in **ascii** function ARR 36
 :ascii option for **with-open-file** STR 59
 ascii value of **format** printer attribute HARD 5
 ascii value of **type** printer attribute HARD 5
 :ascii-characters serial I/O parameter NETIO 27
 :ascii-translation stream option for
 net:define-server PROT 50
 aset function 3600 17, 27, ARR 4, 10, INT 49
 ash function PRIM 77
 :ask pane constraint WINDOC 93
 :ask-window pane constraint WINDOC 93
 Disk Format Command Asks Different Question RN 134
 [Ask] Save-Exit menu item ZMAILT 17
 Other Aspects of the Display FED 26
 ass function PRIM 38
 How to Read Assembly Language (LM-2) INT 37
 Introduction: How to Read Assembly Language (LM-2) INT 37
 Assembly language address field INT 37
 Assembly language comment field INT 37
 Assembly language destination field INT 37
 Assembly Language for the 3600 3600 14
 Assembly language instruction address INT 37
 Assembly language instruction field INT 37
 Format of assembly language instructions INT 37
 Assembly language miscellaneous instructions INT
 37
 Assign key bindings ZMACS 192

- Assign PSI interrupt channels NETIO 81
 - Assignment of RS-232 Signals to Pins NETIO 23
 - Assignment of RS-232 Signals to Pins in Asynchronous Null Modems NETIO 23
 - assoc** function PRIM 38, INIT 1
 - :assoc** variable type MENUS 59
 - Associated with Mouse Input RN 40
 - associated with property list PRIM 39
 - Associated with the Input Editor (Rubout Handler) RN 57
 - Associating Actions with Mouse-sensitive Items MENUS 82
 - Association list ARR 4
 - Association lists PRIM 32, 37, 39
 - Association of buffers with files ZMACS 27
 - Association of files with buffers ZMACS 27
 - assq** function PRIM 37
 - chaos:**
 - assure-enabled** function NETIO 92
 - %assure-pdl-room** function 3600 25, INT 22
 - asynchronous devices STR 15
 - Asynchronous execution of functions PROC 11
 - Asynchronous Marks PROT 124
 - Asynchronous Marks PROT 123
 - Asynchronous Null Modems NETIO 23
 - :asynchronous-character-p** method of **tv:stream-mixin** WINDOC 54
 - :asynchronous-characters** init option for **tv:stream-mixin** WINDOC 54
 - asynchronously STR 72
 - At-sign (@) in format directives STR 25
 - atan** function PRIM 75
 - atan2** function PRIM 75
 - Atom NOTA 1, PRIM 1, 3
 - :atom** argument to **typep** PRIM 5
 - atom** function PRIM 3, INT 52
 - Atom Query Replace (m-X) Zmacs command ZMACS 93
 - Atom Word Mode (m-X) TOOLS 12
 - Atom Word Mode (m-X) Zmacs command ZMACS 180
 - Atomic symbol PRIM 1
 - ATSIGN CHAOS program NETIO 75
 - attached to user processes NETIO 43
 - attention-getting feature NETIO 63
 - Attribute PRIM 39
 - attribute PROT 35
 - attribute SCROLL 11
 - attribute SCROLL 9
 - attribute SCROLL 9
 - attribute SCROLL 9
 - attribute SCROLL 9
 - attribute SCROLL 9
 - attribute PROT 36, 42
 - attribute RN 121
 - attribute PROT 7
 - attribute PROT 11
 - attribute HARD 5
 - attribute HARD 5
 - attribute STR 72
 - attribute ZMACS 128
 - attribute ZMACS 128
 - attribute STR 72
 - attribute PROT 11
 - attribute HARD 3
 - attribute PROT 7
 - attribute WINDOC 23
 - attribute WINDOC 23
 - attribute HARD 5
 - attribute PROT 15
- Window System Changes
 - Symbol
 - New Features
 - Output streams to buffered QFILE
 - QFILE Errors and Assignment of RS-232 Signals to Pins in
 - Loading files
 - Channels
 - Arpanet INR/INS
 - :address**
 - :leader** global line
 - :mouse** global line
 - :mouse** line item entry
 - :mouse-item** line item entry
 - :mouse-self** global line
 - :service**
 - :validate-lmfs-dump-tapes** site
 - address:** host object
 - affiliation:** user object
 - ascii** value of **format** printer
 - ascii** value of **type** printer
 - Backspace** file
 - Backspace file
 - Base file
 - Base** file
 - birthday:** user object
 - bitmap-printer** host object
 - bitmap-printer:** host object
 - Char-height
 - Char-width
 - character-size** printer
 - character-size:** printer object

Symbolics, Inc. March 1984

default-bitmap-printer	site object	attribute	HARD 4	
default-bitmap-printer:	site object	attribute	PROT 16	
default-font	printer	attribute	HARD 5	
default-font:	printer object	attribute	PROT 15	
default-printer	site object	attribute	HARD 4	
default-printer:	site object	attribute	PROT 16	
descriptor-file		attribute	PROT 21	
descriptor-file	keyword for terminal-f-argument	attribute	PROT 18	
descriptor-file:	namespace object	attribute	PROT 18	
dont-reply-to-mailing-lists:	site object	attribute	PROT 17	
dplt-logo	printer	attribute	HARD 5	
dplt-logo:	printer object	attribute	PROT 15	
dr11-c	value of interface	printer	attribute	HARD 5
file-control-lifetime:	host object	attribute	PROT 9	
finger-location:	host object	attribute	PROT 7	
font-widths-file	printer	attribute	HARD 5	
font-widths-file:	printer object	attribute	PROT 15	
Fonts	file	attribute	STR 72	
format	printer	attribute	HARD 5	
format:	printer object	attribute	PROT 14	
Get value of		attribute	PROT 29	
header-font	printer	attribute	HARD 5	
header-font:	printer object	attribute	PROT 15	
home-address:	user object	attribute	PROT 11	
home-host:	user object	attribute	PROT 10	
home-phone:	user object	attribute	PROT 11	
host	printer	attribute	HARD 5	
host-for-bug-reports:	site object	attribute	PROT 16	
host-protocol-desirability:	site object	attribute	PROT 16	
host:	printer object	attribute	PROT 14	
interface	printer	attribute	HARD 5	
interface-options	printer	attribute	HARD 5	
interface-options:	printer object	attribute	PROT 14	
interface:	printer object	attribute	PROT 14	
lgp	value of format	printer	attribute	HARD 5
lgp	value of type	printer	attribute	HARD 5
lispm-name:	user object	attribute	PROT 10	
local-namespace:	site object	attribute	PROT 16	
location:	host object	attribute	PROT 7	
login-name:	user object	attribute	PROT 9	
Lowercase	file	attribute	STR 72	
Lowercase	file	attribute	ZMACS 128	
machine-type:	host object	attribute	PROT 6	
mail-address:	user object	attribute	PROT 11	
Mode	File	Attribute	STR 72	
name	keyword for terminal-f-argument	attribute	PROT 5	
name	printer	attribute	HARD 5	
name:	host object	attribute	PROT 5	
name:	network object	attribute	PROT 12	
name:	user object	attribute	PROT 9	
network-namespace		attribute	PROT 22	
nickname:	host object	attribute	PROT 5	
nickname:	network object	attribute	PROT 12	
nickname:	user object	attribute	PROT 10	
Nofill	file	attribute	ZMACS 129	
other-sites-ignored-in-zmail-summary:	site object	attribute	PROT 17	
Package		attribute	PKG 13	
Package	file	attribute	STR 72	
page-size	printer	attribute	HARD 5	
page-size:	printer object	attribute	PROT 15	
Patch-File	file	attribute	ZMACS 129	
Patch-File	file	attribute	STR 72	
peripheral:	host object	attribute	PROT 9	
personal-name:	user object	attribute	PROT 10	
press	value of format	printer	attribute	HARD 5
press	value of type	printer	attribute	HARD 5
pretty-name	printer	attribute	HARD 5	
pretty-name:	host object	attribute	PROT 7	

pretty-name: printer object	attribute	PROT 14
pretty-name: site object	attribute	PROT 15
primary-name-server keyword for terminal-f-argument	attribute	PROT 19
primary-name-server: namespace object	attribute	PROT 19
print-spooler-options host object	attribute	HARD 3
print-spooler-options: host object	attribute	PROT 8
printer host object	attribute	HARD 3
printer: host object	attribute	PROT 7
project: user object	attribute	PROT 11
protocol printer	attribute	HARD 5
protocol: printer object	attribute	PROT 14
remarks: user object	attribute	PROT 12
search-rules keyword for terminal-f-argument	attribute	PROT 18
search-rules: namespace object	attribute	PROT 18
secondary-name-server keyword for terminal-f-argument	attribute	PROT 19
secondary-name-server: namespace object	attribute	PROT 19
secure-subnets: site object	attribute	PROT 17
serial value of interface printer	attribute	HARD 5
server-machine: host object	attribute	PROT 8
service: host object	attribute	PROT 8
short-name: host object	attribute	PROT 6
site printer	attribute	HARD 5
site-directory: site object	attribute	PROT 16
site-system: site object	attribute	PROT 16
site: host object	attribute	PROT 5
site: network object	attribute	PROT 12
site: printer object	attribute	PROT 13
spooled-printer host object	attribute	HARD 3
spooled-printer: host object	attribute	PROT 8
standalone: site object	attribute	PROT 17
subnet: network object	attribute	PROT 13
supervisor: user object	attribute	PROT 11
system-type: host object	attribute	PROT 6
Tab-Width file	attribute	ZMACS 130
terminal-f-argument: site object	attribute	PROT 18
timezone: site object	attribute	PROT 17
type printer	attribute	HARD 5
type: network object	attribute	PROT 12
type: printer object	attribute	PROT 13
Unknown	attribute	ZMACS 126
update-by	attribute	PROT 32
user-property: object	attribute	PROT 6, 10, 13, 14, 15, 18
validate-lmfs-dump-tapes: site object	attribute	PROT 17
Vsp	attribute	WINDOC 23, 31
Vsp file	attribute	ZMACS 130
work-address: user object	attribute	PROT 11
work-phone: user object	attribute	PROT 11
xgp value of format printer	attribute	HARD 5
xgp value of type printer	attribute	HARD 5
File	Attribute Checking	ZMACS 126
	Attribute Indicator	PROT 2
sys:dump-forms-to-file always puts package	attribute	into binary file RN 82
	Attribute list	ZMACS 125
Describe	Attribute List	ZMACS 136
Dired Describe	Attribute List	ZMACS 136
File	attribute list	PKG 13, STR 72
Major-mode-setting	Commands Now Query About Updating File	
	Attribute List	RN 126
Parser for file	attribute list	STR 72
Reparse	Attribute List (m-X)	TOOLS 11
Update	Attribute List (m-X)	TOOLS 11
Reparse	Attribute List (m-X)	Zmacs command ZMACS 125, 127
Update	Attribute List (m-X)	Zmacs command ZMACS 125
	Attribute lists	ZMACS 126
File	Attribute Lists	STR 72

- Parsing file attribute lists STR 72
- Warnings about file attribute lists ZMACS 126
- Attribute lists in files TOOLS 9
- Attribute value PROT 2
- Attributes PROT 2, 30
- Buffer attributes ZMACS 125
- Buffer and File Attributes ZMACS 125
- Copying file attributes RN 124
- Data Types of Attributes PROT 2
- Ethernet attributes PROT 79
- File attributes ZMACS 125, ZMAILC 35
- Global line attributes SCROLL 5
- Host attributes PROT 5
- Modifying attributes PROT 19
- Namespace attributes PROT 18
- Network attributes PROT 12
- Network database attributes HARD 3, 4, 5
- Printer attributes PROT 13
- Printer Object Attributes HARD 5
- Process Attributes PROC 15
- Set commands for file and buffer attributes ZMACS 127
- Site attributes PROT 15
- Storing database object attributes PROT 22
- User attributes PROT 9
- User-defined file attributes STR 72
- Window attributes WINDOC 23
- Attributes of a Mouse-sensitive Item MENUS 82
- Attributes of buffers TOOLS 9
- Attributes of Fonts WINDOC 58
- Host Object Attributes Relating to Printers HARD 3
- Network Database Attributes Relating to Printers HARD 3
- Site Object Attributes Relating to Printers HARD 4
- [Attributes] TOOLS 130
- Audible beep STR 15
- Audible tone 3600 5
- No Audible Tone Yet 3600 5
- :author FEP file property INT 74
- :author file property STR 79
- Auto Fill Lisp Comments Mode (c-m-X) Zmacs command ZMACS 180
- Auto Fill mode ZMACS 18, 129, 179
- Auto Fill Mode (m-X) TOOLS 12
- Auto Fill Mode (m-X) Zmacs command ZMACS 180
- :auto value of **zwei:converse-mode*** variable CONV 7
- Vadic autodialer RN 151
- tv: **autoexposing-more-mixin** flavor WINDOC 33
- Autoexposure WINDOC 13, 33
- Dired Automatic ZMACS 138, 139
- Automatic drawing help FED 19
- Automatic error recovery INT 60
- Locating and Replacing Strings Automatically ZMACS 90
- chaos:send-unc-pkt** automatically returns the packet to the free pool RN 108
- si: ***automatically-recover-from-hung-disks*** variable INT 64
- &aux** keyword DEFS 16
- &aux** keyword for **defmacro** MAC 31
- &aux** lambda-list keyword FUNC 14
- &aux** variables INT 47
- Auxiliary partition FILE 68
- NOS number of output "slots" available NETIO 77
- Number of input packets available NETIO 95
- Packet slots available NETIO 75
- Sorting by Conversations Available RN 130
- Wildcard Directory Mapping Available RN 92
- Bytes available in a disk block INT 55
- Data cells available in a disk block INT 55

Number of packet slots available in output window NETIO 81
 Number of packet slots available in transmit window NETIO 95
 Available input packets NETIO 75
 available input packets NETIO 81
 Number of Available on Causes of Crashes RN 137
 More Information Available space in transmit window NETIO 81
 Available virtual memory STOR 15
 Encryption Available: Zmail Tutorial and Reference
 Manual ZMAILT 11
 Avoid Errors in the Mouse Process RN 149
 Collision avoidance NETIO 38
 Avoiding the Internal/External Distinction PKG 19
 Await scavenge state of the garbage collector STOR
 9
 :await-rewind message to tape streams TAPE 4

B

B

B

c-X B (Select Buffer) TOOLS 55
 B exponent identifier RN 17
 B Font Editor command FED 25
 β prefix STR 3
 c-X B Zmacs command ZMACS 27, 105
 Select Buffer (c-X) B) TOOLS 55
 Select Buffer (c-X) B) Zmacs command RN 125
summary-window-format Babyl file option RN 129
 Ramifications of Host Colon Change for Babyl Files RN 129
 Babyl files with **summary-window-format** other than
 t or nil need to be edited RN 129
 BABYL mail file format ZMAILC 34
 BABYL pathname type abbreviation FILE 44
 Loop Back bit NETIO 70
 Back To Indentation ZMACS 151
back-next PRIM 103
:back-translated-pathname method of
fs:logical-pathname FILE 53
 Back-translation RN 35, FILE 50
 ! character, file not backed up flag FSED 5
 Background for color fonts WINDOC 62
 Background process NETIO 84
 Screen Manager Background Process WINDOC 13
 Background processes ZMAILC 3, 4
 Backquote MAC 7
 Backquote (") macro character PRIM 98
 Backquote character (") MAC 7
 Backquote constructing list structure NOTA 1
 Comma character (,) in backquote facility MAC 7
Backspace file attribute STR 72
 Backslash (\) character PROT 21
backspace PRIM 103
 BACKSPACE LMS 37
 Set Backspace (m-X) TOOLS 11
 Set Backspace (m-X) Zmacs command ZMACS 128
 Backspace file attribute ZMACS 128
 BACKSPACE key 3600 5
:backspace-not-overprinting-flag init option for
tv:sheet WINDOC 23, 31
 Backtrace DEBUG 9, 15
 Backtrace information DEBUG 14
 Backtrace of the call stack DEBUG 14
 Backup FILE 66
 Finding Backup Copies of Files SITE 12
 Backup dump tape directory SITE 10
 File backup flag ZMACS 140
 Verifying a backup tape SITE 10
 Backup Tape Reliability RN 151
 Comparing backup tapes RN 151

- Backward ZMACS 23, 52
- Backward character ZMACS 51
- Backward Kill Sentence ZMACS 25, 72
- Backward Kill Sexp ZMACS 25, 69
- Backward Kill Sexp (c-m-RUBOUT) TOOLS 57
- c-m-RUBOUT (Backward Kill Sexp) TOOLS 57
- Backward Kill Word ZMACS 25, 68
- Backward List ZMACS 53, 54
- Move backward over an address ZMAILT 47
- Backward Paragraph ZMACS 23, 58
- Backward Sentence ZMACS 23, 53
- Backward Sexp ZMACS 54
- Erase backward to start of line ZMACS 71
- Backward Up List ZMACS 55
- Kill Backward Up List (c-m-X) Zmacs command ZMACS 69
- Backward Word ZMACS 23, 52
- Backward-references field ZMAILT 37
- dbg: **bad-array-mixin** flavor COND 60
- sys: **bad-array-type** flavor COND 60
- sys: **bad-connection-state** flavor COND 74
- sys: **bad-data-type-in-memory** flavor COND 54
- Badheader message property ZMAILT 3, 37
- Band SIG 40
- Bootling from alternate band SIG 44, SITE 19
- Current band SIG 40
- Band compressing procedure SITE 23
- LM-2 band selected for dumping TAPE 14
- band-transfer** Service PROT 54
- Bands TAPE 9
- Saving Bands SIG 42
- Bands List TAPE 14
- Bands List pane TAPE 14
- Writing systems, bands, and microcodes onto tape TAPE 13
- Disk-active run bar INT 29
- Garbage collector run bar INT 29
- Processor run bar INT 29
- Scroll bar FED 25
- Run bars LMS 11
- Base TOOLS 10, ZMACS 126
- Ratios read in current **ibase** and print in current **base** RN 19
- Set Base (m-X) TOOLS 11
- Set Base (m-X) Zmacs command ZMACS 128
- Base file attribute ZMACS 128
- Base** file attribute STR 72
- Base flavor FLAV 45
- Miscellaneous System Errors Not Categorized by Base Flavor COND 56
- Base flavor: **sys:arithmetic-error** COND 54
- Base flavor: **sys:cell-contents-error** COND 53
- Base flavor: **sys:floating-point-exception** COND 55
- Base register INT 37
- ARG base register INT 37, 52
- Constant base register INT 44, 52
- FEF base register INT 37, 52
- LOCAL base register INT 40, 52
- base** variable PRIM 90, MENUS 57
- Based on Characteristics ZMAILC 17
- Selecting messages based on filter ZMAILT 53, ZMAILC 17
- Request failures based on **fs:file-request-failure** COND 66
- Based on Position ZMAILC 17
- Selecting messages based on position ZMAILT 53, ZMAILC 17
- Selecting messages based on string ZMAILT 53, ZMAILC 17
- Interning errors based on **sys:package-error** COND 62
- Based on the Stack of Recently Seen Messages ZMAILC 18
- Baseline WINDOC 58, 61, FED 13
- :baseline** method of **tv:sheet** WINDOC 57
- Bashing the Process PROC 18

- The
 - Font Editor
 - Basic and Mixin Pop-up and Momentary Menus MENU 20
 - Basic Array Functions ARR 7
 - Basic Choose Variable Values Flavor MENU 72
 - Basic Concepts FED 5
 - Basic definition of the function spec FUNC 1, 24
 - Basic flavors MENU 4
 - Basic Locking Subprimitive INT 16
 - Basic Multiple Choice Flavor MENU 54
 - Basic Operations of the Compiler COMP 1
 - Basic String Operations ARR 27
 - Basic, and Mixin Flavors MENU 4
 - basic-choose-variable-values** MENU 69
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** MENU 74
 - basic-choose-variable-values** flavor MENU 72
 - basic-choose-variable-values** Init-plist Options MENU 73
 - basic-constraint-frame** WINDOC 100
 - basic-constraint-frame** WINDOC 100
 - basic-constraint-frame** WINDOC 90, 93
 - basic-constraint-frame** WINDOC 99
 - basic-constraint-frame** WINDOC 99
 - basic-constraint-frame** WINDOC 99
 - basic-constraint-frame** WINDOC 90, 93
 - basic-constraint-frame** WINDEX 76
 - basic-constraint-frame** WINDOC 100
 - basic-constraint-frame** WINDOC 100
 - basic-constraint-frame** WINDOC 99
 - basic-constraint-frame** WINDOC 100
 - basic-constraint-frame** flavor WINDOC 87
 - basic-frame** WINDEX 76
 - basic-igp-stream** TOOLS 115
 - basic-igp-stream** TOOLS 115
 - basic-igp-stream** flavor TOOLS 114, 115, TOOLS 114, 115
 - igp: basic-igp-stream** methods TOOLS
 - basic-menu** flavor MENU 20
 - basic-momentary-menu** flavor MENU 20
 - basic-mouse-sensitive-items** MENU 85
 - basic-mouse-sensitive-items** WINDEX 8
 - basic-mouse-sensitive-items** MENU 85
 - basic-mouse-sensitive-items** WINDEX 6, 8, MENU 85
 - basic-mouse-sensitive-items** MENU 85
 - basic-mouse-sensitive-items** WINDEX 8
 - basic-mouse-sensitive-items** Example MENU 86
 - basic-mouse-sensitive-items** flavor WINDEX 6, 8, MENU 82
 - basic-mouse-sensitive-items** Init-plist Options MENU 85
 - basic-mouse-sensitive-items** Messages MENU 85
 - basic-multiple-choice** flavor MENU 54
 - basic-scroll-bar** flavor WINDEX 76, 78
 - basic-scroll-window** SCROLL 3
 - basic-scroll-window** SCROLL 3
 - basic-scroll-window** flavor SCROLL 3
 - Basics of Scroll Windows SCROLL 3
 - batch** option for **make-system** MAINT 13
 - batch** option to **make-system** TOOLS 73
 - *batch-mode-p*** variable MAINT 21
 - baud** serial I/O parameter NETIO 27
- The
 - Font Editor
 - Instantiable,
 - :decode-variable-type** message tv:
 - :function** init option for tv:
 - :name-font** init option for tv:
 - :selected-choice-font** init option for tv:
 - :stack-group** init option for tv:
 - :string-font** init option for tv:
 - :unselected-choice-font** init option for tv:
 - :value-font** init option for tv:
 - :variables** init option for tv:
 - tv:
 - tv:
 - :configuration** init option for tv:
 - :configuration** method of tv:
 - :constraints** init option for tv:
 - :get-pane** method of tv:
 - :pane-name** method of tv:
 - :panes** init option for tv:
 - :selected-pane** init option for tv:
 - :send-all-exposed-panes** method of tv:
 - :send-all-panes** method of tv:
 - :send-pane** method of tv:
 - :set-configuration** method of tv:
 - tv:
 - :select-pane** method of tv:
 - :send-command** method for igp:
 - :send-coordinates** method for igp:
 - igp:
 - igp:
 - tv:
 - tv:
 - :item** message tv:
 - :item** method of tv:
 - :item-list** message tv:
 - :item-type-alist** init option for tv:
 - :primitive-item** message tv:
 - :primitive-item** method of tv:
 - tv:
 - tv:
 - tv:
 - tv:
 - tv:
 - :redisplay** method of tv:
 - :set-display-item** method of tv:
 - tv:
 - si:

- Bcc field ZMAILT 37
- Beep ZMACS 32, 33
- Audible beep STR 15
- Beep (c-G) TOOLS 55
- beep** function PRIM 116
- :beep** message STR 15
- :beep** option for **fquery** MISCUI 10
- c-G (Beep) TOOLS 55
- :before** daemon method FLAV 49
- :before** method type FLAV 49
- :before-cold** initialization list INIT 5
- :before-cold** option for **add-initialization** INIT 1
- Before-daemon methods FLAV 19
- [Before] Filter Creation Display menu item ZMAILC 31
- [Break before] menu item TOOLS 89
- [Cond before] menu item TOOLS 89
- [Cond break before] menu item TOOLS 89, 93
- [Print before] menu item TOOLS 89
- Goto Beginning ZMACS 24, 60
- Mark Beginning ZMACS 81
- Beginning Of Definition ZMACS 55
- Beginning of Line ZMACS 23, 57
- beginning of line ZMACS 48
- Move cursor to Behavior MENUS 83
- Mouse Bfcc field ZMAILT 37
- Default Font Format Now Bfd RN 113
- BFD files WINDOC 54, FED 28
- BG5 signal NETIO 106
- Bidirectional disk streams INT 69, 73
- Opening a bidirectional stream MISCUI 19
- Printed representation of a bignum PRIM 89, 93
- Run time of bignum arithmetic INT 52
- :bignum** returned by **typep** PRIM 5
- Bignums PRIM 1, 4, 61
- bigp** function PRIM 4
- :bin** canonical type RN 34, FILE 54
- :bin** canonical type for bin files 3600 13
- Bin file FLAV 31
- BIN file type COMP 1
- :bin** canonical type for bin files 3600 13
- Read rational number in binary RN 18, PRIM 101
- sys:dump-forms-to-file** always puts package attribute into binary file RN 82
- Binary file type 3600 13
- Binary files PKG 46
- Binary integers PRIM 61
- Binary left shift RN 17
- Binary mode STR 59
- BINARY QFILE OPEN option PROT 98
- Binary tree structure type DEFS 7
- :binary-file-byte-size** FILE 30
- bind** function INT 22
- BIND-NIL instruction INT 44
- BIND-POP instruction INT 44
- Binding PRIM 1, 53, EVAL 3, FUNC 31
- Dynamic variable binding INT 1
- QFILE binding PROT 87
- Query Replace Let Binding (m-X) Zmacs command ZMACS 92
- Binding condition handlers COND 3
- Binding handlers COND 9
- Special variable binding instructions INT 52
- Binding special variables STR 74
- Binding variables FUNC 31
- sys:** **%binding-instances** function INT 26
- Bindings FLOW 40
- Assign key bindings ZMACS 192
- Command key bindings ZMACS 12

- Extended command key bindings ZMACS 36
- Key Bindings ZMACS 191
- Stack group bindings INT 1
- with** bindings FLOW 40
- Bindings in loops FLOW 40, 49
- Upright Biphase NRZI technique NETIO 37
- birthday**: user object attribute PROT 11
- Clear Receiver bit NETIO 70
- Clear Transmitter bit NETIO 70
- control** bit STR 3
- CRC Error bit NETIO 70
- hyper** bit STR 3
- %%kbd-mouse** bit WINDOC 41, 67
- Loop Back bit NETIO 70
- Lost Count bit NETIO 70
- Map-valid bit NETIO 107
- meta** bit STR 3
- Receive Done bit NETIO 70
- Receive Interrupt Enable bit NETIO 70
- Reset bit NETIO 70
- Spy bit NETIO 70
- super** bit STR 3
- Timer Interrupt Enable bit NETIO 70
- Transmit Abort bit NETIO 70
- Transmit Done bit NETIO 70
- Transmit Interrupt Enable bit NETIO 70
- Trap on exit bit COND 43
- Write-permit bit NETIO 107
- Bit and Byte Manipulations 3600 29
- Bit Count register NETIO 70
- Bit manipulation PRIM 77
- Mouse buttons, bit mask MENUS 29
- Bit numbering convention NETIO 45
- Bit representation NETIO 37
- Bit size of array elements ARR 4
- Two-dimensional bit-array WINDOC 41
- Bit-masks 3600 27
- Bit-save array TOOLS 111, 122, WINDOC 5, 6
- Copy bit-save array WINDEX 59
- Bit-save arrays WINDEX 57
- Pixels and Bit-save Arrays WINDOC 5
- bit-test** function PRIM 77
- bitbit** errors COND 57
- bitbit** function RN 145, ARR 18
- :bitbit** message WINDOC 33
- :bitbit** method of **tv:sheet** WINDOC 35, WINDEX 59
- bitbit** width from the destination array RN 145
- bitbit-array-fractional-word-width** flavor COND 57
- sys:** **bitbit-destination-too-small** flavor COND 57
- sys:** **:bitbit-from-sheet** method of **tv:sheet** WINDOC 35
- :bitbit-within-sheet** method of **tv:sheet** WINDOC 35
- bitmap-printer** host object attribute HARD 3
- bitmap-printer**: host object attribute PROT 7
- Characters with modifier bits RN 145
- Control bits STR 3
- Least bits PRIM 78
- Rotate bits 3600 29, PRIM 77
- Shift bits 3600 29, PRIM 77
- Significant bits PRIM 78
- Set all bits alu function WINDOC 34
- Number of bits per byte STR 59
- si:** **bitscale** RN 17
- New descriptions: **si:** **bitscale**, **si:digitscale**, **si:non-terminating-macro** RN 17
- Black pane FED 15
- :black** pattern in dummy description WINDOC 93
- Black-and-white screens WINDOC 54

- [Move Black] Font Editor menu item FED 14, 29
- Delete
 - :blank** dummy description WINDOC 93
 - Blank Lines ZMACS 26, 153
 - :blink** blinker visibility WINDOC 63
 - Blink rate WINDOC 63
 - :deselected-visibility** init option for **tv:**
 - :deselected-visibility** method of **tv:**
 - :follow-p** init option for **tv:**
 - :half-period** init option for **tv:**
 - :half-period** method of **tv:**
 - :read-cursorpos** method of **tv:**
 - :set-cursorpos** method of **tv:**
 - :set-deselected-visibility** method of **tv:**
 - :set-follow-p** method of **tv:**
 - :set-half-period** method of **tv:**
 - :set-sheet** method of **tv:**
 - :set-visibility** method of **tv:**
 - :visibility** init option for **tv:**
 - :x-pos** init option for **tv:**
 - :y-pos** init option for **tv:**
 - Half-period of a Mouse
- Mouse
 - :blink**
 - :off**
 - :on**
 - nil**
 - t**
 - blinker WINDOC 63
 - blinker WINDOC 63, WINDEX 17
 - Blinker height WINDOC 58
 - Blinker messages WINDOC 65
 - Blinker shape WINDOC 66
 - Blinker size WINDOC 66
 - blinker visibility WINDOC 63
 - blinker visibility WINDOC 63
 - blinker visibility WINDOC 63
 - blinker visibility WINDOC 63
 - blinker visibility WINDOC 63
 - blinker visibility WINDOC 63
 - Blinker width WINDOC 58, 61
 - :blinker-p** init option to **tv:minimum-window** TOOLS 108
 - Blinkers TOOLS 129, WINDOC 19, 63, WINDEX 40
 - blinkers WINDOC 63
 - blinkers WINDOC 63
 - blinkers WINDOC 63
 - blip MENUS 29
 - Blips RN 41, WINDOC 41, 43, WINDEX 16, MENUS 29, 72, 75, 83
 - Blips MENUS 29
 - blips RN 40
 - block INT 55
 - block INT 55
 - block** and **tagbody** RN 46
 - :block** disk stream INT 69
 - Block disk stream messages INT 73
 - block disk stream messages INT 79
 - Block Disk Streams INT 73
 - Block mode disk streams INT 68
 - block not found INT 66
 - block number INT 68, 73
 - Block number field in disk address INT 55
 - block number into disk address INT 72
 - :block** option for **with-open-file** STR 59
 - Block restore format NETIO 7
 - block** special form RN 46, FLOW 9
 - :block-in** message INT 73
 - :block-length** message INT 73
 - :block-out** message INT 73
 - :block-size** file property STR 79
 - sys:** **block-store-cdr-and-contents** function 3600 24
 - sys:** **%block-store-tag-and-pointer** function 3600 24
 - Blocks PRIM 39
 - blocks INT 55
 - Blocks and Exits FLOW 9
 - blocks disk array can contain INT 57
- Opening
- Position of
- Visibility of
- Mouse
- Command
- Receiving
- Bytes available in a disk
- Data cells available in a disk
- New special forms:
 - :hang-p** keyword for
- Disk
- File
- Translate relative file
- Disk
- Number of disk

- invisible
- Chan_state channel
- Chan_sta_rxav channel
- Chan_sta_rxw channel
- Chan_sta_txw channel
- Chan_sta_txwa channel
- Input/Output
- LM-2 Input/Output
- Memory
- Color DAC
- Quad-high I/O interface
- blocks in **progs** and **dos** RN 78
- blockvector field NETIO 95
- blockvector field NETIO 95
- blockvector field NETIO 95
- blockvector field NETIO 95
- blockvector field NETIO 95
- Board NETIO 107, 109
- Board NETIO 106
- Board Not Needed in Lbus Slot 0 RN 136
- boards NETIO 106
- boards NETIO 106
- &body** keyword for **defmacro** MAC 31
- &body** lambda-list keyword FUNC 14
- Bolio mode ZMACS 145
- boole** function PRIM 76
- Boolean operations PRIM 76
- Boolean operations PRIM 76
- Boolean Tests FLOW 45
- :boolean** variable type MENUS 59
- boot LMS 5
- boot RN 143
- Boot (LM-2) SITE 30
- boot after logging out LMS 6
- boot after powering up LMS 4
- Boot and Halt Operations NETIO 3
- Boot command NETIO 6
- Boot FEP command RN 134
- Boot or Halt LMS 34
- boot process SITE 30
- boot process SITE 30
- boot when you cannot cold boot LMS 5
- Boot.boot files LMS 34
- Booting NETIO 7, SITE 30
- booting NETIO 7, SIG 42
- booting LMS 9, NETIO 5, 7
- Booting a World on the 3600 SIG 25
- Booting from alternate band SIG 44, SITE 19
- Booting the 3600 NETIO 3
- Booting the 3600 NETIO 5
- border WINDOC 88
- border WINDOC 88
- Border margin width WINDOC 83
- border parameters MENUS 22, 97
- :border-margin-width** init option for **tv:borders-mixin** WINDOC 85
- :border-margin-width** method of **tv:borders-mixin** WINDOC 85
- Bordered constraint frames WINDOC 88
- bordered-constraint-frame** flavor WINDOC 89
- bordered-constraint-frame-with-shared-io-buffer** flavor WINDOC 90, WINDEX 31
- Borders WINDOC 19, 83
- :borders** init option for **tv:borders-mixin** WINDOC 83
- :borders** init option for **tv:menu** MENUS 22, 97
- Borders, and Labels WINDOC 83
- borders-mixin** WINDOC 85
- borders-mixin** WINDOC 85
- borders-mixin** WINDOC 83
- borders-mixin** WINDOC 85
- borders-mixin** WINDOC 84
- borders-mixin** flavor WINDOC 83, WINDEX 6
- :bot-p** message to tape streams TAPE 4
- Both default pathnames for Source Compare (m-X) now use **:newest** version RN 123
- :both** option to **trace** TOOLS 89, DEBUG 20
- :bottom** init option for **tv:menu** MENUS 97
- :bottom** init option for **tv:sheet** WINDOC 78
- Truth table for the Aggregated
- Cold boot when you cannot cold
- What happens when you cold
- Two Speeds for Cold
- Cold
- Cold
- Summary of
- Preferred Way to Warm
- Cold
- Fast
- Cold
- Cold
- Warm
- Warm
- Frame
- Pane
- Initialize
- tv:**
- tv:**
- Margins,
- :border-margin-width** init option for **tv:**
- :border-margin-width** method of **tv:**
- :borders** init option for **tv:**
- :set-border-margin-width** method of **tv:**
- :set-borders** method of **tv:**
- tv:**

- Choice boxes in
 - bottom of margin MENUS 91
 - :bottom-margin-size** method of **tv:sheet** WINDEX 41
- Recursion in
 - Bound and Default Handlers Eliminated RN 97
 - Bound handlers RN 97, COND 10, 23, 24
 - boundaries WINDEX 40
- Region
 - :anticyclic** boundary condition for **:draw-cubic-spline** WINDOC 39
 - :clamped** boundary condition for **:draw-cubic-spline** WINDOC 39
 - :cyclic** boundary condition for **:draw-cubic-spline** WINDOC 39
 - :relaxed** boundary condition for **:draw-cubic-spline** WINDOC 39
- Subscript
 - boundp** function PRIM 54, 55
 - boundp-in-closure** function FUNC 36
- Bounds Checking 3600 19
- Box FED 14
- Altering the Character
 - Character box FED 5, 13
 - Exit choice box MENUS 62
 - The Character Box FED 13
- Using the mouse on the character
 - Choice box FED 14
 - Choice box descriptor MENUS 91
 - tv:**
 - box-blinker** flavor WINDOC 67
 - Choice boxes MENUS 2, 51, TAPE 16
 - Choice boxes in bottom of margin MENUS 91
 - Choice boxes in the drawing pane FED 26, 29
 - Choice Boxes Menu TAPE 17
 - [Clear all choices] Choice Boxes menu item TAPE 17
 - [Prune systems] Choice Boxes menu item TAPE 17
- Bp Zwei data structure MISCUI 20
- BR instruction INT 44
- BR-ATOM instruction INT 44
- BR-NIL instruction INT 44
- BR-NIL-POP instruction INT 44
- BR-NOT-ATOM instruction INT 40, 44
- BR-NOT-NIL instruction INT 44
- BR-NOT-NIL-POP instruction INT 44
- Curly brackets NOTA 1
- Square brackets NOTA 1
- Conditional
 - branch INT 40
 - Branching instructions INT 44, 52
 - BRD Broadcast packet NETIO 58
 - break** PRIM 103
- Chaosnet sequence
 - break RN 95, PROC 6
- Clock sequence
 - break RN 95, PROC 6
- Disk sequence
 - break RN 95, PROC 6
- Keyboard sequence
 - break RN 95, PROC 6
- Mouse sequence
 - break RN 95, PROC 6
- Sequence
 - break PROC 3, INT 2
 - [Break after] menu item TOOLS 89
 - [Cond break after] menu item TOOLS 89, 93
 - [Break before] menu item TOOLS 89
 - [Cond break before] menu item TOOLS 89, 93
 - break** flavor COND 52
 - BREAK Inspector command MISCT 4
 - BREAK key 3600 5
 - Break loop MISCF 7
 - Break loops RN 116
- TV frames per clock sequence
 - break meter INT 30
 - Break on exit from marked frame message COND 43
 - :break** option to **trace** TOOLS 89, 93, DEBUG 20
- m-SUSPEND** selects frame with
 - break** read function for Debugger RN 116
 - break** special form MISCF 7, TOOLS 92
 - si:** **break** syntax description RN 18, PRIM 106
 - sys:** ***break-bindings*** variable MISCF 9
- Breaking a line ZMACS 20
- format:** **breakline** macro STR 41

- Write a breakpoint into a program MISC F 7
- Enter a breakpoint loop MISC F 7
- Conditional breakpoints COND 43, TOOLS 91
- Fixed breakpoints COND 43
- Bridge connection type NETIO 46
- Fixed bridge connection type NETIO 46
- Bridge node NETIO 34
- Bridges NETIO 34, 46, PROT 35
- Brief Documentation ZMACS 37
- Brief Documentation (c-sh-D) TOOLS 35, 38
- (Brief Documentation) TOOLS 35, 38
- c-sh-D Broadcast NETIO 58
- BRD Broadcast packet NETIO 58
- Broadcast Sent connection state NETIO 60, 87
- Broadcasting requests PROT 75
- :broken system status MAINT 37
- bs PRIM 103
- Append To Buffer ZMACS 112
- Change case of buffer RN 125
- Copying a Message to Another Buffer ZMAILC 27
- Creating a Buffer ZMACS 27
- Current buffer ZMACS 109
- Cursor motion within buffer ZMACS 60
- Decrypt Buffer ZMACS 108
- Default File Name Changed for Commands in Dired Buffer RN 126
- Deleting messages from mail buffer ZMAILT 13, 59
- Encrypt Buffer ZMACS 108
- Expunging buffer ZMAILC 29
- Free buffer SITE 13
- *Function-Specs-to-Edit-r* buffer ZMACS 11
- Get I/O buffer MENUS 31
- Insert text from register into buffer ZMACS 78
- Kill Buffer ZMACS 110
- Mark buffer ZMACS 81
- Messages in a mail buffer ZMAILC 30
- Motion with Respect to the Whole Buffer ZMACS 60
- Moving to end of buffer ZMACS 60
- Restoring messages to mail buffer ZMAILT 13, 59, ZMAILC 18
- Select Buffer ZMACS 27, 105
- Select Default Previous Buffer ZMACS 105
- Select Previous Buffer ZMACS 105
- Selected buffer ZMACS 104
- Undeleting messages in mail buffer ZMAILT 13, 59, ZMAILC 18
- Undo all changes to buffer ZMACS 109
- View Buffer ZMACS 107
- Select Previous Buffer (c-m-L) TOOLS 55
- Select Previous Buffer (c-m-L) Zmacs command RN 125
- Select Buffer (c-X B) TOOLS 55
- Select Buffer (c-X B) Zmacs command RN 125
- Compile Changed Definitions Of Buffer (m-sh-C) TOOLS 66
- Evaluate Changed Definitions Of Buffer (m-sh-E) TOOLS 70
- Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Compile Buffer (m-X) TOOLS 66
- Edit Changed Definitions Of Buffer (m-X) TOOLS 52
- Evaluate Buffer (m-X) TOOLS 70
- Evaluate And Replace Into Buffer (m-X) TOOLS 70
- Evaluate Into Buffer (m-X) TOOLS 70
- Insert Buffer (m-X) TOOLS 59
- List Changed Definitions Of Buffer (m-X) TOOLS 52
- Add Patch Changed Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
- Compile Buffer (m-X) Zmacs command ZMACS 162
- Compile Changed Definitions of Buffer (m-X) Zmacs command ZMACS 162
- Decrypt Buffer (m-X) Zmacs command ZMACS 108
- Edit Changed Definitions of Buffer (m-X) Zmacs command ZMACS 168
- Encrypt Buffer (m-X) Zmacs command ZMACS 108

- Evaluate Buffer (m-X) Zmacs command ZMACS 160
- Evaluate and Replace Into Buffer (m-X) Zmacs command ZMACS 92, 161
- Evaluate Changed Definitions of Buffer (m-X) Zmacs command ZMACS 161
- Evaluate Into Buffer (m-X) Zmacs command ZMACS 160
- Hardcopy Buffer (m-X) Zmacs command ZMACS 108, HARD 1
- Insert Buffer (m-X) Zmacs command ZMACS 112
- List Changed Definitions of Buffer (m-X) Zmacs command ZMACS 169
- Multiple Query Replace From Buffer (m-X) Zmacs command ZMACS 92
- Rename Buffer (m-X) Zmacs command ZMACS 108
- Revert Buffer (m-X) Zmacs command ZMACS 109
- View Buffer (m-X) Zmacs command ZMACS 107
- Lowercase Code in Buffer (m-X) Zwei command RN 125
- Uppercase Code in Buffer (m-X) Zwei command RN 125
- Buffer and File Attributes ZMACS 125
- Buffer attributes ZMACS 125
- buffer attributes ZMACS 127
- :choice-box I/O buffer command MENUS 72
- :variable-choice I/O buffer command MENUS 72
- Buffer Commands ZMACS 105
- I/O buffer commands MENUS 72
- Current buffer history INED 5, ZMACS 104
- Pdl buffer information ZMACS 17
- Packet buffer meters INT 30
- Buffer names ZMACS 18
- buffer panic PROT 69
- Buffer pointers ZMACS 74
- :raw I/O buffer property WINDOC 41
- I/O buffer property list WINDOC 41
- Read Buffer register NETIO 70
- Write Buffer register NETIO 70
- * buffer status indicator ZMACS 19
- Editor buffer streams MISCUI 19
- c-m-L (Select Previous Buffer) TOOLS 55
- c-X B (Select Buffer) TOOLS 55
- m-sh-C (Compile Changed Definitions Of Buffer) TOOLS 66
- m-sh-E (Evaluate Changed Definitions Of Buffer) TOOLS 70
- New Buffer-history Mechanism in Zmacs RN 125
- :buffer-name option for
- zwei:open-editor-stream MISCUI 20
- :buffer-name option for
- zwei:with-editor-stream MISCUI 20
- buffered NETIO 77
- buffered NETIO 77
- buffered asynchronous devices STR 15
- buffered input STR 14
- buffered output STR 14
- Buffered serial I/O NETIO 25
- buffered stream output NETIO 81
- Buffering capacity NETIO 31
- Buffering disk transfers INT 57
- Buffers ZMACS 15, 18, 27
- buffers ZMACS 27
- buffers TOOLS 9
- Comparing Files and Buffers ZMACS 113
- Copying buffers TOOLS 58
- Editor buffers ZMAILC 3, 5, 7, 10
- Expunging mail buffers ZMAILC 18, 30
- I/O buffers WINDOC 19, 41, 67, 88, MENUS 72, 75
- I/O from editor buffers MISCUI 19
- Killing mail buffers ZMAILC 30
- List Buffers ZMACS 106
- Mail buffers ZMAILC 3, 4, 7, 27
- Multiple buffers ZMACS 102
- Possibility Buffers ZMACS 98
- Renaming mail buffers ZMAILC 30
- Saving mail buffers ZMAILC 30
- Selecting, Listing, and Examining Buffers ZMACS 104
- Sharing I/O buffers WINDOC 88

- Stream Facility for Editor
- Streams sharing common Support
- Zmacs commands for finding out about the state of
 - List
 - Edit
 - Kill Or Save
 - Kill Some
 - Creating and Saving
 - Manipulating
 - Working With
 - Select All
 - Select All
 - I/O
 - Association of List
 - Selecting Mail [Flush Free Reporting a
 - Zmail Adding
 - Debugger
 - UNIBUS
 - Reset Mouse
 - Identifying mouse
 - tv:momentary-menu Example 4: Using the Mouse
 - Mouse
 - Number of bits per Data
 - Referencing
 - Bit and
 - OPENF
 - FILEPOS QFILE command
 - Create a
- Buffers MISCUI 19
- buffers RN 89
- buffers ZMACS 98
- buffers ZMACS 201
- Buffers (c-X c-B) Zmacs command RN 125
- Buffers (m-X) Zmacs command ZMACS 107
- Buffers (m-X) Zmacs command ZMACS 110
- Buffers (m-X) Zmacs command ZMACS 110
- Buffers and Files ZMACS 27
- Buffers and Files ZMACS 101
- Buffers and Files ZMACS 102
- Buffers As Tag Table (m-X) TOOLS 54
- Buffers As Tag Table (m-X) Zmacs command ZMACS 94
- Buffers for Choose Variable Values Windows MENUS 72
- buffers with files ZMACS 27
- Buffers Zmacs command ZMACS 103
- Buffers/Files ZMAILC 27
- Buffer] File System Maintenance menu item SITE 1
- bug MISCUI 1
- Bug (m-X) Zmail command ZMAILT 31
- bug function COND 44, DEBUG 9, MISCUI 1
- bug lists ZMAILT 33
- Bug Lists to Zmail: Zmail Tutorial and Reference Manual ZMAILT 33
- Bug mail DEBUG 9, 15
- Bug mail recipients ZMAILT 33
- Bug reports DEBUG 9, 15
- Bug Reports COND 44
- BUG-LISPM mailing list COND 44
- :bug-report-description message COND 45
- :bug-report-recipient-system message COND 44
- :bug-reports option for defsystem MAINT 3, ZMAILT 33
- [Bug] Mail menu item ZMAILT 31
- Burying windows WINDOC 13
- [Bury] Edit Screen menu item WINDOC 13
- Bus Interface NETIO 106, 107, 109
- Bus-grant signals NETIO 106
- BUSINT NETIO 106, 107, 109
- BUSINT locations NETIO 109
- :but-first option for defstruct DEFS 7
- butlast function PRIM 26
- button NETIO 5
- button encoding SCROLL 9
- Button-mask MENUS 29
- buttons WINDOC 67, 71, 72
- Buttons MENUS 25
- :buttons menu item type MENUS 10, 25, SCROLL 9
- buttons, bit mask MENUS 29
- [By individual filters] Map over Move menu item ZMAILC 30
- By-position Constructor Macros DEFS 16
- Byte PRIM 78
- byte STR 59
- byte count NETIO 44
- Byte Fields DEFS 19
- byte fields INT 18
- byte function RN 50, PRIM 80
- Byte manipulation functions 3600 29, PRIM 78
- Byte Manipulations 3600 29
- Byte offset PROT 66, 73
- byte size NETIO 81
- byte size problem PROT 111
- Byte sizes 3600 29
- byte specifier RN 50, PRIM 80

Symbolics, Inc. March 1984

Extract size field of a
 Character-related
 PUP
 Generic
 New functions:
 New functions: **byte**, **byte-size**,
 byte specifier RN 50, PRIM 80
 Byte Specifiers 3600 21, PRIM 78, DEFS 19, INT 20
 byte specifiers STR 3
 Byte Stream Conventions PROT 79
 Byte Stream Media PROT 53
 Byte Stream Protocol PROT 42
 byte streams PROT 42
byte, **byte-size**, **byte-position** RN 50
byte-position RN 50
byte-position function RN 50, PRIM 80
:byte-size file property STR 79
:byte-size file-opening option STR 59
byte-size function RN 50, PRIM 80
:byte-size option for **copyf** RN 28, STR 68
:byte-size option for **with-open-file** STR 59
 BYTE-SIZE QFILE OPEN option PROT 99
 New functions: **byte**,
 Extract position field of a
byte-size, **byte-position** RN 50
 byte-specifier RN 50, PRIM 80
:byte-stream medium PROT 82
:byte-stream medium type PROT 50
 Bytes available in a disk block INT 55

C

C

C

SELECT
 FUNCTION
 SELECT
 HELP
 c-X
 Changes to FUNCTION
 Replace
 Indent For Comment
 c-X
 New Zwei command: Comment Out Region (c-X
 Comment Out Region (c-X
 C ZMACS 30
 C command RN 113
 C command CONV 1
 C connection flag NETIO 77
 C Dired command ZMACS 137
 C Font Editor command FED 9, 31
 C Zmacs command ZMACS 12, 34
 C Zmail command ZMAILT 46
 C Zmail command ZMAILT 41
 C, FUNCTION M, and FUNCTION Q RN 113
 c-% (Replace) TOOLS 54
 c-% Zmacs command ZMACS 90
 (c-%) TOOLS 54
 c-. Zmacs command ZMACS 98, 168
 c-/ completion command ZMACS 13, 44
 c-@ c-m-Y yank command ZMACS 14
 c-; (Indent For Comment) TOOLS 22
 (c-; or m-;) TOOLS 22
 c-; Zmacs command ZMACS 157
 c-; Zmacs command ZMACS 159
 c-;) RN 125
 c-;) Zwei command RN 125
 c-< Zmacs command ZMACS 81
 c-= Zmacs command ZMACS 37
 c-> Zmacs command ZMACS 81
 c-? completion command ZMACS 13, 44
 c-A Debugger command TOOLS 77, DEBUG 15
 c-A Zmacs command ZMACS 23, 57
 c-ABORT LMS 37
 c-ABORT command WINDOC 41, NETIO 5, 92
 c-ALTMODE Zmail command ZMAILT 46
 c-B Debugger command DEBUG 9, 15
 c-B Stepper command TOOLS 90
 c-B Zmacs command ZMACS 23, 52
 c-B Zmacs command ZMACS 103, 106
 c-B) Zmacs command RN 125
 c-BREAK command WINDOC 41
 FUNCTION
 c-C command RN 113
 c-C Debugger command DEBUG 9, 15
 c-C Font Editor command FED 30
 c-C Lisp input editor command TOOLS 71
 c-C yank command INED 3, 7
 FUNCTION
 c-CLEAR-INPUT command NETIO 5

c-X c-D (Display Directory) TOOLS 40
c-D Dired command ZMACS 138
c-D Zmacs command ZMACS 25, 33, 66
c-X c-D Zmacs command ZMACS 119
c-D Zmail command ZMAILT 59, ZMAILC 18
c-D) TOOLS 40
Display Directory (c-X c-E Debugger command TOOLS 77, DEBUG 9, 15
c-E Stepper command TOOLS 90
c-E Zmacs command ZMACS 23, 57
c-END Converse command RN 116, CONV 8
c-END swapped in Converse RN 116
END and c-X c-F (Find File) TOOLS 9
c-F Zmacs command ZMACS 23, 51
c-X c-F Zmacs command ZMACS 28, 29, 108
Find File (c-X c-F) TOOLS 9
c-G (Beep) TOOLS 55
c-G Debugger command DEBUG 5
c-G Zmacs command ZMACS 32, 33
c-X c-G Zmacs command ZMACS 32
Beep (c-G) TOOLS 55
c-HELP Debugger command TOOLS 76, DEBUG 9, 15
c-HELP V Zmacs command ZMACS 193
c-X c-I Zmacs command ZMACS 152
c-K Dired command ZMACS 138
c-K FSPT Editor command FILE 68
c-K Zmacs command ZMACS 25, 71
c-L Debugger command TOOLS 77, DEBUG 9, 15
c-L Zmacs command ZMACS 47
c-X c-L Zmacs command ZMACS 148
Debugger c-M creates a process RN 116
c-M Debugger command RN 116, COND 44, DEBUG 9, 15
c-m- (Zmacs command ZMACS 55
c-m-) Zmacs command ZMACS 55
c-m-; (Kill Comment) TOOLS 22
c-m-; Zmacs command ZMACS 157
Kill Comment (c-m-;) TOOLS 22
c-m-? V Zmacs command ZMACS 193
c-m-@ Zmacs command ZMACS 80
c-m-A Debugger command DEBUG 9, 15
c-m-A Zmacs command ZMACS 55
c-m-ABORT LMS 37
c-m-ABORT command WINDOC 41, ZMAILT 24, 47
c-m-B Debugger command DEBUG 9, 15
c-m-B Zmacs command ZMACS 54
c-m-BREAK command WINDOC 41
c-m-D Zmacs command ZMACS 54
c-m-E Zmacs command ZMACS 56
c-m-F Debugger command DEBUG 9, 15
c-m-F Zmacs command ZMACS 54
c-m-H (Mark Definition) TOOLS 57
c-m-H Debugger command DEBUG 9, 15
c-m-H Zmacs command ZMACS 80
Mark Definition (c-m-H) TOOLS 57
c-m-K (Kill Sexp) TOOLS 57
c-m-K Zmacs command ZMACS 25, 69
Kill Sexp (c-m-K) TOOLS 57
c-m-L (Select Previous Buffer) TOOLS 55
c-m-L Debugger command DEBUG 9, 15
c-m-L Zmacs command ZMACS 105
c-m-L Zmacs command ZMACS 105
c-X (c-m-L) TOOLS 55
Select Previous Buffer (c-m-L) Zmacs command RN 125
Select Previous Buffer c-m-M Zmacs command ZMACS 151
c-m-N Debugger command DEBUG 9, 15
c-m-N Zmacs command ZMACS 53
c-m-O Zmacs command ZMACS 153

	c-m-P Debugger command	DEBUG 9, 15
	c-m-P Zmacs command	ZMACS 53
	c-m-Q (Indent Sexp)	TOOLS 23
	c-m-Q Zmacs command	ZMACS 151
Indent Sexp	(c-m-Q)	TOOLS 23
	c-m-R Debugger command	TOOLS 77, DEBUG 9, 15
	c-m-R Zmacs command	ZMACS 48
	c-m-RETURN Zmacs command	ZMACS 151
	c-m-RUBOUT (Backward Kill Sexp)	TOOLS 57
Backward Kill Sexp	c-m-RUBOUT Zmacs command	ZMACS 25, 69
	(c-m-RUBOUT)	TOOLS 57
	c-m-S Debugger command	DEBUG 9, 15
c-X	c-m-S Zmail command	ZMAILT 44
	c-m-sh-E Zmacs command	ZMACS 160
	c-m-SPACE (Move To Previous Point)	TOOLS 55
	c-m-SPACE Zmacs command	ZMACS 76
c-X	c-m-SPACE Zmacs command	ZMACS 76
	c-m-SPACE Zmail command	ZMAILT 54
Move To Previous Point	(c-m-SPACE)	TOOLS 55
	c-m-SUSPEND LMS	43, TOOLS 75
	c-m-SUSPEND command	RN 116
	c-m-T Zmacs command	ZMACS 70
	c-m-TAB (Indent For Lisp)	TOOLS 23
Indent For Lisp (TAB or	c-m-TAB)	TOOLS 23
	c-m-U Debugger command	DEBUG 9, 15
	c-m-U Zmacs command	ZMACS 55
	c-m-V (Scroll Other Window)	TOOLS 60
	c-m-V Debugger command	DEBUG 9, 15
	c-m-V Zmacs command	ZMACS 118
Scroll Other Window	(c-m-V)	TOOLS 60
	c-m-W Debugger command	TOOLS 75, 77, DEBUG 9, 15
	c-m-X Debugger command	DEBUG 9, 15
Auto Fill Lisp Comments Mode	(c-m-X) Zmacs command	ZMACS 180
Kill Backward Up List	(c-m-X) Zmacs command	ZMACS 69
	c-m-Y yank command	INED 3, 7, 9, 13, 15
	c-m-Y yank command	ZMACS 14
c-Ø	c-m-Y yank command	ZMACS 14
	c-m-Y Zmail command	ZMAILT 47
	c-m-Z Zmacs command	ZMACS 161
	c-m-[Zmacs command	ZMACS 55
	c-m-\ (Indent Region)	TOOLS 23
Indent Region	c-m-\ Zmacs command	ZMACS 151
	(c-m-\)	TOOLS 23
	c-m-] Zmacs command	ZMACS 56
	c-m-^ Zmacs command	ZMACS 152
	c-N Debugger command	TOOLS 77, DEBUG 9, 15
	c-N Dired command	ZMACS 136
	c-N FSPT Editor command	FILE 68
	c-N Stepper command	TOOLS 88
	c-N Zmacs command	ZMACS 23, 56, 183
c-X	c-N Zmacs command	ZMACS 57
	c-N Zmail command	ZMAILT 53
	c-O c-Y yank command	ZMACS 13
	c-O Zmacs command	ZMACS 153
c-X	c-O Zmacs command	ZMACS 26, 153
	c-P Debugger command	TOOLS 77, DEBUG 9, 15
	c-P Dired command	ZMACS 136
	c-P FSPT Editor command	FILE 68
	c-P Zmacs command	ZMACS 23, 56
c-X	c-P Zmacs command	ZMACS 81
	c-P Zmail command	ZMAILT 53
FUNCTION	c-Q command	RN 113
	c-R (Reverse Search)	TOOLS 54
	c-R Debugger command	TOOLS 77, DEBUG 9, 15
	c-R Font Editor command	FED 30
	c-R FSPT Editor command	FILE 68

c-R Zmacs command ZMACS 87
 c-X c-R Zmail command ZMAILT 44
 Reverse Search (c-R) TOOLS 54
 c-REFRESH Font Editor command FED 31
 c-S (Incremental Search) TOOLS 53
 c-S Debugger command DEBUG 9, 15
 c-X c-S Zmacs command ZMACS 28, 109
 c-X c-S Zmail command ZMAILT 44
 Incremental Search (c-S) TOOLS 53
 c-sh-A (Quick Arglist) TOOLS 39
 c-sh-A command FUNC 7
 Quick Arglist c-sh-A Zmacs command ZMACS 37
 (c-sh-A) TOOLS 39
 c-sh-C (Compile Region) TOOLS 66
 c-sh-C Zmacs command ZMACS 82
 Compile Region (c-sh-C) TOOLS 66
 c-sh-D (Brief Documentation) TOOLS 35, 38
 c-sh-D command FUNC 7
 Brief Documentation c-sh-D Zmacs command ZMACS 37
 (c-sh-D) TOOLS 35, 38
 c-sh-E (Evaluate Region) TOOLS 70
 c-sh-E Zmacs command ZMACS 160
 Evaluate Region (c-sh-E) TOOLS 70
 c-sh-M (Macro Expand Expression) TOOLS 96
 c-sh-M Zmacs command ZMACS 165
 Macro Expand Expression (c-sh-M) TOOLS 96
 c-sh-P Debugger command DEBUG 9, 15
 c-sh-V (Describe Variable At Point) TOOLS 35
 c-sh-V Zmacs command ZMACS 38
 Describe Variable At Point (c-sh-V) TOOLS 35
 c-SPACE (Set Pop Mark) TOOLS 55
 c-SPACE Zmacs command ZMACS 76
 c-SPACE Zmail command ZMAILT 54, ZMAILC 18
 c-U c-SPACE Zmail command ZMAILT 54, ZMAILC 18
 Set Pop Mark (c-SPACE) TOOLS 55
 c-SUSPEND LMS 42
 FUNCTION c-T command ZMAILT 24
 c-T Debugger command DEBUG 9, 15
 c-T Zmacs command ZMACS 66
 c-X c-T Zmacs command ZMACS 71
 c-U argument to yanking commands INED 9
 c-U c-SPACE Zmail command ZMAILT 54, ZMAILC 18
 c-U c-U c-SPACE Zmail command ZMAILT 54, ZMAILC 18
 c-U c-U c-SPACE Zmail command ZMAILT 54, ZMAILC 18
 c-U Stepper command TOOLS 90
 c-U Zmacs command ZMACS 22
 c-X c-U Zmacs command ZMACS 148
 c-V Zmacs command ZMACS 24, 47
 c-X c-V Zmacs command ZMACS 109
 c-W Font Editor command FED 30
 c-W FSPT Editor command FILE 68
 c-W Zmacs command ZMACS 25, 82
 c-X c-W Zmacs command ZMACS 29, 109
 c-X c-W Zmail command ZMAILT 44
 c-X c-X (Swap Point And Mark) TOOLS 55
 c-X 0 Zmail command ZMAILT 42
 c-X 1 (One Window) TOOLS 60
 c-X 1 Zmacs command ZMACS 118
 c-X 1 Zmail command ZMAILT 42
 One Window (c-X 1) TOOLS 60
 c-X 2 (Two Windows) TOOLS 60
 c-X 2 Zmacs command ZMACS 117
 c-X 2 Zmail command ZMAILT 42
 Two Windows (c-X 2) TOOLS 60

- c-X 3 (View Two Windows) TOOLS 60
- c-X 3 Zmacs command ZMACS 117
- View Two Windows (c-X 3) TOOLS 60
- c-X 4 (Modified Two Windows) TOOLS 60
- c-X 4 Zmacs command ZMACS 117
- Change in Zmacs command Modified Two Windows (c-X 4) RN 127
- Modified Two Windows (c-X 4) TOOLS 60
- Modified Two Windows (c-X 4) Zmacs command RN 127
- c-X 8 Zmacs command ZMACS 117
- c-X ; (Set Comment Column) TOOLS 23
- c-X ; Zmacs command ZMACS 158
- Set Comment Column (c-X ;) TOOLS 23
- c-X = Zmacs command ZMACS 37
- c-X A Zmacs command ZMACS 112
- c-X A Zmail command ZMAILT 42
- c-X ALTMODE yank command INED 3, 7
- c-X B (Select Buffer) TOOLS 55
- c-X B Zmacs command ZMACS 27, 105
- Select Buffer (c-X B) TOOLS 55
- Select Buffer (c-X B) Zmacs command RN 125
- c-X C Zmail command ZMAILT 41
- c-X c-; Zmacs command ZMACS 159
- New Zwei command: Comment Out Region (c-X c-;) RN 125
- Comment Out Region (c-X c-;) Zwei command RN 125
- c-X c-B Zmacs command ZMACS 103, 106
- List Buffers (c-X c-B) Zmacs command RN 125
- c-X c-D (Display Directory) TOOLS 40
- c-X c-D Zmacs command ZMACS 119
- Display Directory (c-X c-D) TOOLS 40
- c-X c-F (Find File) TOOLS 9
- c-X c-F Zmacs command ZMACS 28, 29, 108
- Find File (c-X c-F) TOOLS 9
- c-X c-G Zmacs command ZMACS 32
- c-X c-I Zmacs command ZMACS 152
- c-X c-L Zmacs command ZMACS 148
- c-X c-m-L Zmacs command ZMACS 105
- c-X c-m-S Zmail command ZMAILT 44
- c-X c-m-SPACE Zmacs command ZMACS 76
- c-X c-N Zmacs command ZMACS 57
- c-X c-O Zmacs command ZMACS 26, 153
- c-X c-P Zmacs command ZMACS 81
- c-X c-R Zmail command ZMAILT 44
- c-X c-S Zmacs command ZMACS 28, 109
- c-X c-S Zmail command ZMAILT 44
- c-X c-T Zmacs command ZMACS 71
- c-X c-U Zmacs command ZMACS 148
- c-X c-V Zmacs command ZMACS 109
- c-X c-W Zmacs command ZMACS 29, 109
- c-X c-W Zmail command ZMAILT 44
- c-X c-X (Swap Point And Mark) TOOLS 55
- c-X c-X Zmacs command ZMACS 77
- Swap Point And Mark (c-X c-X) TOOLS 55
- c-X D (†r Dired) TOOLS 41
- c-X D Zmacs command ZMACS 131
- †r Dired (c-X D) TOOLS 41
- c-X Debugger command DEBUG 9, 15
- c-X E (Call Last Kbd Macro) TOOLS 59
- c-X E Zmacs command ZMACS 184
- Call Last Kbd Macro (c-X E) TOOLS 59
- c-X F (Set Fill Column) TOOLS 12
- c-X F Zmacs command ZMACS 27, 180
- Set Fill Column (c-X F) TOOLS 12
- c-X G (Open Get Register) TOOLS 58
- Open Get Register (c-X G) TOOLS 58
- c-X H (Mark Whole) TOOLS 59
- c-X H Zmacs command ZMACS 81
- Mark Whole (c-X H) TOOLS 59
- c-X J (Jump To Saved Position) TOOLS 55

- Jump To Saved Position (c-X J) TOOLS 55
 Jump to Saved Position (c-X J) Zmacs command RN 127
 c-X K Zmacs command ZMACS 110
 c-X L Zmacs command ZMACS 38
 c-X M Zmail command ZMAILT 47
 c-X O (Other Window) TOOLS 60
 c-X O command ZMAILT 8, 42
 c-X O Zmacs command ZMACS 118
- Other Window (c-X O) TOOLS 60
 c-X Q Zmacs command ZMACS 185
 c-X RUBOUT Zmacs command ZMACS 25, 72
 c-X S (Save Position) TOOLS 55
 c-X S Zmacs command ZMACS 27
 c-X S Zmail command ZMAILT 41
- Save Position (c-X S) TOOLS 55
 c-X Stepper command TOOLS 90
 c-X T Zmacs command ZMACS 82
 c-X T Zmail command ZMAILT 41
 c-X V Zmacs command ZMACS 107
 c-X W Zmacs command ZMACS 27
 c-X X (Put Register) TOOLS 58
- Put Register (c-X X) TOOLS 58
 c-X Y Zmail command ZMAILT 47
 c-X Zmacs command ZMACS 86, 183
- c-X c-X Zmacs command ZMACS 77
 c-X ^ Zmacs command ZMACS 117
- Swap Point And Mark (c-X c-X) TOOLS 55
 c-Y (Yank) TOOLS 57
 c-Y FSPT Editor command FILE 68
 c-Y yank command INED 3, 7, 9
 c-Y yank command ZMACS 13
- c-O c-Y yank command ZMACS 13
- Yank (c-Y) TOOLS 57
 c-Z (Quit) TOOLS 76
 c-Z in the Debugger DEBUG 9, 15
 c-Z Inspector command MISCT 4
 c-Z Zmacs command ZMACS 30
 c-Z Zmail command ZMAILT 17
- Quit (c-Z) TOOLS 76
 c-] Zmail command ZMAILT 46
 C0 signal NETIO 106
 C1 signal NETIO 106
caaar function PRIM 12
caadr function PRIM 13
caaar function PRIM 13
caadr function PRIM 13
caaddr function PRIM 13
caadr function PRIM 13
caar function PRIM 14
 CAAR instruction INT 44
- Chaosnet cable NETIO 34
 Cable transceiver NETIO 34
- Unplugging Lemo Cables Should Not Halt the FEP RN 137
cadaar function PRIM 14
cadadr function PRIM 14
cadar function PRIM 14
caddar function PRIM 14
caddr function PRIM 15
caddr function PRIM 15
cadr function PRIM 15
 CADR instruction INT 44
- Introduction: Pocket Calculator, Version 1 WINDEX 6
 Pocket Calculator, Version 1 WINDEX 5
 Source Code: Pocket Calculator, Version 1 WINDEX 10
 Introduction: Pocket Calculator, Version 2 WINDEX 24
 Pocket Calculator, Version 2 WINDEX 23
 Source Code: Pocket Calculator, Version 2 WINDEX 25
 Introduction: Pocket Calculator, Version 3 WINDEX 30

- Pocket Calculator, Version 3 WINDEX 29
- Source Code: Pocket Calculator, Version 3 WINDEX 32
- call** PRIM 103
- CHAOSO system call NETIO 73, 75
- CLOSE system call NETIO 75
- FINISH system call NETIO 75
- FORCE system call NETIO 73, 75
- IOT system call NETIO 73
- NETBLK system call NETIO 75
- PKTIOT system call NETIO 73
- RCHST system call NETIO 75
- RESET system call NETIO 75
- RFNAME system call NETIO 75
- SIOT system call NETIO 73
- STYNET system call NETIO 75
- WHYINT system call NETIO 75
- loctl** System Call Commands NETIO 99
- call** function EVAL 19
- CALL instruction 3600 14, INT 40, 44, 52
- CALL key 3600 3
- Call Last Kbd Macro ZMACS 184
- Call Last Kbd Macro (c-X E) TOOLS 59
- (Call Last Kbd Macro) TOOLS 59
- call stack DEBUG 14
- call up System menu ZMACS 30
- %CALL-MULT-VALUE instruction INT 49
- %CALL-MULT-VALUE-LIST instruction INT 49
- call-trap** flavor COND 43
- :callable-accessors** option for **defstruct** DEFS 7
- Called >Boot.boot RN 134
- called by reader macros: **si:read-recursive** RN 83
- Callers TOOLS 39
- callers MISC 1
- Callers (m-X) TOOLS 40
- Callers (m-X) TOOLS 34, 40
- Callers (m-X) TOOLS 40
- Callers (m-X) TOOLS 40
- Callers (m-X) Zmacs command ZMACS 169
- Callers (m-X) Zmacs command MISC 1, ZMACS 170
- Callers (m-X) Zmacs command ZMACS 170
- Callers (m-X) Zmacs command ZMACS 171
- callers of variables MISC 1
- calling 3600 14, INT 1
- Calling sequence 3600 14
- Calling the Server Function PROT 81
- CALLO instruction INT 40, 44
- %CALLO-MULT-VALUE instruction INT 49
- Calls NETIO 73
- can be a menu or a form RN 105
- can be concurrently allocated INT 59
- can be used with stack lists RN 148
- can contain INT 57
- can have package prefixes RN 92
- Can Now Be Used for Editor Commands RN 103
- can now return **nil** RN 97
- Can Perform on Functions FUNC 7
- can return **nil** COND 39
- can take arguments RN 105
- Can Use Combination Type as Method Type RN 83
- Can't select Zmail ZMAILT 24
- Cancel last command ZMACS 32
- Cancel response ZMACS 32
- Cancelling microcode dumping TAPE 14
- cannot cold boot LMS 5
- Canonical coroutine example INT 7
- canonical file type: **:mss** RN 126
- canonical pathname type removed RN 35
- Cold boot when you
- New
- :init**
- Argument to **:menu** type menu items
- Disk event tasks that
- rplaca**
- Number of disk blocks disk array
- format** \ directives
- Shifted Mouse Clicks
- :proceed** methods
- Operations the User
- :proceed**
- tv:scroll-maintain-list** init function
- Some Methods
- sys:**
- >Configuration.fep Files Are Now
- New function to be
- Functions for identifying
- Edit
- List
- Multiple Edit
- Multiple List
- Edit
- List
- Multiple Edit
- Multiple List
- Identifying
- Function
- System

- :bin** canonical type RN 34, FILE 54
- :lisp** canonical type RN 34, FILE 54
- :qbin** canonical type RN 34, FILE 54
- :bin** canonical type for bin files 3600 13
- Canonical types ZMACS 122
- Correspondence of Canonical Types and Editor Modes FILE 19
- Canonical Types in Pathnames FILE 17
- :canonical-type** message FILE 17
- :canonical-type** method of **fs:pathname** FILE 33
- Buffering capacity NETIO 31
- Car PRIM 11
- car** function PRIM 12, 85
- CAR instruction INT 40, 44
- car-location** function PRIM 19
- Carbon copies ZMAILT 8, 13
- Card Slots NETIO 106
- UNIBUS cardinal number STR 25
- Print Carriage return ZMACS 5
- Output carriage return STR 25
- Carriage return character STR 3
- Carrier sense NETIO 38
- :carrier-detect** serial I/O parameter NETIO 27
- Carry tape system RN 1
- Cartridge tape drive 3600 11, 32, STOR 13
- Alphabetic case ARR 26
- Changing Case ZMACS 148
- Native pathname component case FILE 12
- Raw pathname component case FILE 12
- Changing Case and Indentation ZMACS 147
- :case** flavor combination COND 40
- Case in Pathnames FILE 12
- Interchange case in pathnames FILE 12
- Raw case in pathnames FILE 12
- :case** method combination COND 37, TOOLS 124
- :case** method combination type FLAV 49
- Change case of buffer RN 125
- Change case of region RN 125
- Changing Case of Region ZMACS 148
- Interchange case representation FILE 12
- Native case representation FILE 12
- Raw case representation FILE 12
- Case sensitivity of internung PKG 37
- :case-documentation** symbol COND 40
- caseq** special form FLOW 8
- Catch FLOW 25
- New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
- New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
- catch** special form RN 14, 3600 28, FLOW 25, INT 49
- *catch** special form EVAL 25, FLOW 27
- catch-all** macro 3600 28, FLOW 28
- catch-error-restart** special form COND 23, 24, 33, 35
- catch-error-restart-if** special form COND 33, 35
- %CATCH-OPEN instruction INT 49
- %CATCH-OPEN-MULT-VALUE instruction INT 49
- Miscellaneous System Errors Not Categorized by Base Flavor COND 56
- More Information Available Causes of Crashes RN 137
- Cc field ZMAILT 8, 13, 35, 37, 41
- [Add Cc Field] Headers Editor menu item ZMAILT 41
- CC symbol table SITE 31
- Cc-All reply mode ZMAILT 35
- Cc-To reply mode ZMAILT 35
- CCITT Recommendation X.25 interface PROT 12
- cdaar** function PRIM 15
- cdadr** function PRIM 15
- cdaar** function PRIM 16
- cdadar** function PRIM 16

- cdaddr** function PRIM 16
- cdadr** function PRIM 16
- cdar** function PRIM 17
- CDAR instruction INT 44
- cdaar** function PRIM 17
- cddadr** function PRIM 17
- cddar** function PRIM 17
- cdddar** function PRIM 17
- cddddr** function PRIM 18
- cddr** function PRIM 18
- CDDR instruction INT 44
- Cdr PRIM 11
- Cdr codes 3600 24
- cdr** function PRIM 12, 85
- CDR instruction INT 40, 44
- Cdr operations INT 52
- Cdr storing functions FUNC 1
- Use **cdr** with locatives returned by **locf** RN 148
- Cdr-code INT 18
- Extracting cdr-code INT 19
- Cdr-code field PRIM 29
- Destroying cdr-code field INT 19
- Cdr-coding PRIM 11, 29
- cdr-error** variable INT 21
- Cdr-next PRIM 29
- cdr-next** variable INT 21
- Cdr-nil PRIM 29
- cdr-nil** variable INT 21
- Cdr-normal PRIM 29
- cdr-normal** variable INT 21
- Cell PRIM 85
- External value cell FUNC 31
- Function cell PRIM 1, 55
- Internal value cell FUNC 31
- Package cell PRIM 1, 58
- The Function Cell PRIM 55
- The Package Cell PRIM 58
- The Value Cell PRIM 53
- Value cell PRIM 1, 53, 85, FUNC 31
- Memory cell as property list PRIM 39
- Invalid contents in cell errors COND 53
- Base flavor: **sys:** **cell-contents-error** COND 53
- sys:** **cell-contents-error** flavor COND 53
- Cells and Locatives PRIM 85
- Data cells available in a disk block INT 55
- Center Line ZMACS 150
- [Center View] Font Editor menu item FED 25, 29
- :center-around** method of
 - tv:essential-set-edges** WINDOC 82
- Center-dot character in TOPS-20 pathname display FILE 46
- tv:momentary-menu** Example 3: Centered Label and Use of General List items MENUS 24
- CFTP RN 109, PROT 85
- %%ch-char** variable STR 4
- %%ch-font** variable STR 4
- Numeric Type Change 3600 31
- Change case of buffer RN 125
- Change case of region RN 125
- Change current package PKG 31
- Dired Change File Properties ZMACS 136
- Change File Properties (m-X) Zmacs command ZMACS 123
- Ramifications of Host Colon Change for Babyl Files RN 129
- Change in argument to **process-wait-with-timeout** RN 95
- Change in arguments to **print-herald** RN 39

- Change in arguments to **unadvise** RN 39
- Change in Array Referencing 3600 17
- Change in Debugger special command for **fs:directory-not-found** RN 98
- Change in numeric arguments to Copy File (m-X) RN 124
- Change in type of array returned by **string-append** RN 16
- Change in window shape WINDOC 87
- Change in Zmacs command Modified Two Windows (c-X 4) RN 127
- ^F font change indicators ZMAILT 11
- Change Subject Pronouns (m-X) Zmail command ZMAILT 41
- [Change Subject Pronouns] Headers Editor menu item ZMAILT 41
- Change to **login** LMS 34
- fs:** **change-file-properties** function STR 68, 81
- sys:** **%change-list-to-cons** function 3600 24
- :change-of-size-or-margins** message WINDEX 7
- :change-of-size-or-margins** method for **tv:sheet** TOOLS 111
- :change-of-size-or-margins** method of **tv:sheet** WINDEX 8
- sys:** **%change-page-status** function 3600 23, INT 25
- :change-properties** message STR 77
- CHANGE-PROPERTIES QFILE command PROT 122
- :change-property** message INT 74
- fs:** **change-property-failure** COND 70
- fs:** **change-property-failure** flavor COND 70
- neti:** **change-server-error-disposition** function PROT 53
- :set-name** method of **tv:** **changeable-name-mixin** WINDOC 86
- tv:** **changeable-name-mixin** flavor WINDOC 86
- Changed code TOOLS 52
- Compile Changed Definitions (m-X) TOOLS 66
- Edit Changed Definitions (m-X) TOOLS 52
- Evaluate Changed Definitions (m-X) TOOLS 70
- List Changed Definitions (m-X) TOOLS 52
- Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Add Patch Changed Definitions (m-X) Zmacs command RN 123, ZMACS 173
- Compile Changed Definitions (m-X) Zmacs command ZMACS 162
- Edit Changed Definitions (m-X) Zmacs command ZMACS 167
- Evaluate Changed Definitions (m-X) Zmacs command ZMACS 161
- Compile Changed Definitions Of Buffer (m-sh-C) TOOLS 66
- Evaluate Changed Definitions Of Buffer (m-sh-E) TOOLS 70
- Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Edit Changed Definitions Of Buffer (m-X) TOOLS 52
- List Changed Definitions Of Buffer (m-X) TOOLS 52
- Add Patch Changed Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
- Compile Changed Definitions of Buffer (m-X) Zmacs command ZMACS 162
- Edit Changed Definitions of Buffer (m-X) Zmacs command ZMACS 168
- Evaluate Changed Definitions of Buffer (m-X) Zmacs command ZMACS 161
- List Changed Definitions of Buffer (m-X) Zmacs command ZMACS 169
- m-sh-C (Compile Changed Definitions Of Buffer) TOOLS 66
- m-sh-E (Evaluate Changed Definitions Of Buffer) TOOLS 70
- Default File Name Changed for Commands in Dired Buffer RN 126
- Meaning of argument changed for **fs:parse-pathname** RN 32

- Arguments
 - changed for **fs:user-homedir** and **fs:init-file-pathname** RN 34
 - Changed Functions 3600 13
- Data Types: Subprimitives: Software
 - Eliminate record of
 - FEP Version 15: Incompatible Changes RN 133
 - Fonts: Software Changes 3600 19
- General Information: Subprimitives: Software
 - Hardware Changes 3600 3
 - Keyboard changes 3600 3
 - Software Changes 3600 13
 - Storage Layout Changes 3600 25
 - Subprimitives: Software Changes 3600 19
 - Summary of the Major Changes INED 3
 - Window System
 - Changes Associated with Mouse Input RN 40
 - changes** descriptor file indicator PROT 21
 - Changes files PROT 21, 23
- Major
 - Changes in the Keyboard 3600 5
 - Changes to **:mouse-click** method of **tv:essential-mouse** RN 42
 - Changes to **:tyi**, **:tyi-no-hang**, **:list-tyi**, **:mouse-or-kbd-tyi**, and **:mouse-or-kbd-tyi-no-hang** methods of **tv:stream-mixin** RN 40
 - Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Undo all
 - changes to buffer ZMACS 109
 - Changes to **chaos:open-stream** RN 108
- Summary of
 - Changes to Character Names 3600 7
 - Changes to Converse Notifications RN 117
 - Changes to database PROT 23
 - Changes to Font Editor File Commands RN 113
 - Changes to **format:ochar** RN 21
 - Changes to FUNCTION C, FUNCTION M, and FUNCTION Q RN 113
 - Changes to Host Determination in Pathnames RN 30
 - Changes to input editor options **:do-not-echo**, **:pass-through**, **:prompt**, **:reprompt** RN 22
 - Changes to Input Editor User Interface RN 22
- Incompatible
 - Changes to Lisp in Release 5.0 RN 5
 - Changes to Logical Pathname Translations RN 35
 - Changes to Logical Pathnames RN 35
 - Changes to **login** RN 5
- Internal
 - changes to macros **zwei:defmajor** and **zwei:defminor** RN 127
 - Changes to **make-syn-stream** RN 20
 - Changes to namespace PROT 23
- Incompatible
 - Changes to Networks in Release 5.0 RN 107
 - Changes to Networks in Release 5.0 RN 107
 - Changes to **open** RN 24
 - Changes to **open** option **:direction** RN 24
 - Changes to Packages RN 6
 - Changes to **prompt-and-read** RN 84
 - Changes to Readtable, Reader, and Printer for Common Lisp RN 16
 - Changes to **renamef** and **copyf** RN 26
 - Changes to Serial I/O: Parity Recovery and Xon/Xoff Character Setting RN 109
 - Changes to the FEP in Release 5.0 RN 133
 - Changes to the File System in Release 5.0 RN 119
 - Changes to the File System in Release 5.0 RN 119
 - Changes to the Input Editor (Rubout Handler) RN 21
 - Changes to the Keyboard in Release 5.0 LMS 35
 - Changes to the Lisp Language and Compiler in Release 5.0 RN 5
 - Changes to the Yanking Commands INED 7
- Incompatible
 - Changes to Utilities in Release 5.0 RN 113
 - Changes to Utilities in Release 5.0 RN 113

- Changes to VMS Chaosnet RN 109
- Minor Changes to Your Site: New Hosts, New Printers, New Users SIG 21
- Incompatible Changes to Zmacs in Release 5.0 RN 123
- Incompatible Changes to Zmail in Release 5.0 RN 129
- Incompatible Changes to Zmail in Release 5.0 RN 129
- Interim Changes: Areas STOR 5
- Incompatible Changes: New Compiler 3600 13
- Interim Changes: Processes PROC 25
- Interim Changes: Subprimitives INT 33
- Interim Changes: the Garbage Collector STOR 7
- Changing a Flavor FLAV 58
- Changing a method FLAV 58
- Changing a wrapper FLAV 58
- Changing Case ZMACS 148
- Changing Case and Indentation ZMACS 147
- Changing Case of Region ZMACS 148
- Changing default selections for tape access TAPE 11
- Printing or Changing the Label SIG 41
- Changing the Size of an Array ARR 13
- Changing the status of windows WINDOC 19
- Channel NETIO 31
- QFILE active channel PROT 86
- QFILE data channel PROT 86
- QFILE free channel PROT 86
- Chan_state channel blockvector field NETIO 95
- Chan_sta_rxav channel blockvector field NETIO 95
- Chan_sta_rxw channel blockvector field NETIO 95
- Chan_sta_twx channel blockvector field NETIO 95
- Chan_sta_txwa channel blockvector field NETIO 95
- Input channel number NETIO 75
- Output channel number NETIO 75
- Assign PSI interrupt channels NETIO 81
- ITS I/O Channels NETIO 73
- Opening I/O Channels NETIO 73
- Channels attached to user processes NETIO 43
- Chan_state channel blockvector field NETIO 95
- Chan_sta_rxav channel blockvector field NETIO 95
- Chan_sta_rxw channel blockvector field NETIO 95
- Chan_sta_twx channel blockvector field NETIO 95
- Chan_sta_txwa channel blockvector field NETIO 95
- :chaos connection PROT 42
- :chaos event RN 95, PROC 6
- :chaos medium PROT 50
- chaos network type PROT 12
- :chaos option for **sl:sb-on** RN 95, PROC 6
- chaos package PKG 49
- Chaos packet PROT 65
- ATSIGN CHAOS program NETIO 75
- Set Chaos-address command NETIO 7
- sys: %chaos-csr-address variable INT 28
- :chaos-simple connection PROT 42
- Chaos: package NETIO 84
- chaos:accept function NETIO 86
- chaos:add-contact-name-for-protocol function PROT 52
- chaos:answer function NETIO 86
- chaos:answer-string function NETIO 86
- chaos:assure-enabled function NETIO 92
- chaos:close function RN 107
- chaos:stream, chaos:close, and chaos:finish renamed RN 107
- chaos:close-conn function RN 107, NETIO 85
- New function: chaos:conn-finished-p RN 109
- chaos:conn-finished-p function RN 109, NETIO 90
- chaos:connect function NETIO 84
- chaos:dat-op variable PROT 91
- chaos:data-available function NETIO 90

- neti:reset, neti:enable, and neti:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
 - chaos:disable** function RN 107
 - chaos:enable** function RN 107
- neti:reset, neti:enable, and neti:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
 - chaos:eof-op** variable PROT 91
 - chaos:fast-answer-string** function NETIO 87
 - chaos:finish** function RN 107
 - chaos:finish** renamed RN 107
 - chaos:finish-conn** function RN 107, NETIO 90
 - chaos:get-next-pkt** function NETIO 90
 - chaos:get-pkt** function NETIO 89
 - chaos:host-data** function NETIO 91
 - chaos:host-up** function NETIO 85
 - chaos:interrupt-function** function NETIO 90
 - chaos:listen** function NETIO 86
 - chaos:make-stream** function RN 107, NETIO 88
 - chaos:may-transmit** function NETIO 90
 - chaos:my-address** function SIG 35
 - chaos:notify** function NETIO 85
 - chaos:notify-local-lispms** function CONV 4, NETIO 85
 - chaos:open-foreign-connection** function NETIO 85
- Changes to
 - chaos:open-stream** RN 108
 - chaos:open-stream** function RN 108
 - chaos:pkt-link** function NETIO 91
 - chaos:pkt-nbytes** function NETIO 89
 - chaos:pkt-opcode** function NETIO 89
 - chaos:pkt-string** function NETIO 89
 - chaos:print-all-pkts** function NETIO 92
 - chaos:print-conn** function NETIO 92
 - chaos:print-lgp-queue** RN 115
 - chaos:print-lgp-queue** function RN 115
 - chaos:print-pkt** function NETIO 92
 - chaos:read-pkts** function NETIO 91
 - chaos:reject** function NETIO 86
 - chaos:remove-conn** function NETIO 84
 - chaos:reset** function RN 107
- Show Hardcopy Status (m-X) replaces
 - chaos:reset, chaos:enable, and chaos:disable** RN 107
 - chaos:return-pkt** function RN 108, NETIO 89
 - chaos:send-pkt** function RN 108, NETIO 89
 - chaos:send-string** function NETIO 89
 - chaos:send-unc-pkt** automatically returns the packet to the free pool RN 108
 - chaos:send-unc-pkt** function RN 108, NETIO 90
 - chaos:server-alist** PROT 50
 - chaos:server-alist** variable NETIO 86
 - chaos:set-pkt-string** function NETIO 89
 - chaos:simple** function NETIO 84
 - chaos:status** function NETIO 92
 - chaos:stream** function RN 107
 - chaos:stream, chaos:close, and chaos:finish** renamed RN 107
- Chaosnet NETIO 33, 109
 - Chaosnet RN 109
 - Chaosnet NETIO 36
 - Chaosnet NETIO 33
 - Chaosnet NETIO 103
 - Chaosnet NETIO 68
 - Chaosnet abort meter INT 30
 - Chaosnet address NETIO 3
 - Chaosnet address NETIO 7
 - Chaosnet cable NETIO 34
 - Chaosnet connections NETIO 77
 - Chaosnet File Protocol (QFILE) PROT 85
 - Chaosnet File Protocol (QFILE) PROT 85
- Changes to VMS
- Computers supported by
- Introduction to
- References:
- Using Foreign Protocols In
- Setting
- List
- Introduction:

- Chaosnet File Transfer Protocol PROT 85
- Chaosnet interface NETIO 70
- UNIBUS location of the Chaosnet interface INT 28
- Chaosnet JFN NETIO 79
- Chaosnet manipulating commands NETIO 77
- Chaosnet Network Control Program NETIO 41
- Chaosnet RFC/ANS time protocol PROT 48
- Chaosnet sequence break RN 95, PROC 6
- Allocating and freeing Chaosnet storage resources STOR 17
- Chaosnet UNC encapsulation interface PROT 72
- TOPS-20/TENEX Chaosnet utility programs NETIO 83
- CHAOSO system call NETIO 73, 75
- chaos_accept** function NETIO 93
- chaos_ans** function NETIO 93
- chaos_assign** function NETIO 93
- chaos_close** function NETIO 93
- chaos_deassign** function NETIO 93
- chaos_eof** function NETIO 94
- chaos_finish** function NETIO 94
- chaos_force_out** function NETIO 94
- chaos_in_char** function NETIO 94
- chaos_in_pkt** function NETIO 95
- chaos_lsn** function NETIO 93
- chaos_out_char** function NETIO 94
- chaos_out_pkt** function NETIO 94
- chaos_rfc** function NETIO 93
- chaos_sout** function NETIO 94
- chaos_state** function NETIO 95
- chaos_wait** function NETIO 95
- chaos_wait_til** function NETIO 95
- chaos_xmit_room** function NETIO 95
- :char** init option for **tv:character-blinker** WINDOC 67
- Char-aluf WINDOC 23, 33
- char-downcase** function RN 145, ARR 26
- Known problem: **char-upcase** and **char-downcase** undefined for modified characters RN 145
- char-equal** function ARR 26
- Char-exists table WINDOC 58
- Char-height attribute WINDOC 23
- char-lessp** function ARR 26
- Known problem: **char-upcase** and **char-downcase** undefined for modified characters RN 145
- char-upcase** function RN 145, ARR 26
- Char-width attribute WINDOC 23
- * character FILE 19
- Activation character RN 65, STR 52
- Alt character 3600 7
- Alt-mode character 3600 7
- Backquote (") macro character PRIM 98
- Backslash (\) character PROT 21
- Backward character ZMACS 51
- Carriage return character STR 3
- Circle character 3600 7
- Circle-X (ⓧ) character PRIM 93
- Clear-Screen character 3600 7
- Comma (,) macro character PRIM 98
- Complete character 3600 7
- Contracting a character FED 29
- Delete character 3600 5, 7, WINDOC 28
- Double-arrow (↔) character FILE 48
- Drawing a character FED 5
- Editing a character FED 5
- Erase character WINDOC 28
- Esc character 3600 7
- Escape character RN 114, 3600 7
- Forward character ZMACS 51
- Keyboard character STR 3

- Local character 3600 7
- Lozenge character 3600 5, 7
- Macro character RN 17, PRIM 98
- Motion by character ZMACS 51
- Output a page separator character STR 25
- Page character 3600 5, STR 3
- Page separator character STR 3
- Quote (') macro character PRIM 98
- Refresh character 3600 5
- Return character STR 3
- RUBOUT Zmacs character ZMACS 66
- Scroll character 3600 7
- Selecting a Character FED 9
- Semicolon (;) macro character PRIM 98
- Sharp sign (#) macro character PRIM 98
- Square character 3600 7
- Stretching a character FED 29
- Symbol-Help character 3600 7
- Tab character STR 3
- Triangle character 3600 7
- Vertical-Tab character 3600 7
- Vt character 3600 5, 7
- Double-arrow character (↔) in logical pathnames FILE 49
- Equivalence sign character (≡) in logical pathnames FILE 49
- Comma character (,) in backquote facility MAC 7
- Backquote character (') MAC 7
- : character as keyword identifier PKG 9
- Character box FED 5, 13
- Altering the Character Box FED 14
- The Character Box FED 13
- Using the mouse on the character box FED 14
- Undefined Character code PRIM 99
- Character code WINDOC 23
- Character code for nonprinting characters PRIM 99
- Character codes 3600 7
- Reading octal character codes PRIM 93
- Prefix character commands ZMACS 5
- Character constants PRIM 99
- :character file-opening option STR 59
- Right margin character flag WINDOC 23
- character function ARR 26
- ITS character handling STR 3
- Character height WINDOC 58, 61, 62, FED 5, 13
- #/ character identifier ARR 25
- #\ character identifier ARR 25
- Tilde (~) character in format control strings STR 25
- Equivalence sign (≡) character in ITS pathnames FILE 48
- Right horseshoe (⤵) character in ITS pathnames FILE 48
- Put keyboard character in output STR 25
- Center-dot character in TOPS-20 pathname display FILE 46
- Circle-x (⊗) character in TOPS-20 pathnames FILE 46
- Echo character input PRIM 109
- Character mode STR 59
- Special Character Names PRIM 103
- Summary of Changes to Character Names 3600 7
- Character object PRIM 113
- Reading and Printing Character Objects RN 19
- :character option for **prompt-and-read** RN 85, MISCUI 13
- Character output RN 21, STR 39
- VAX/VMS character output NETIO 94
- CHARACTER QFILE OPEN option PROT 98
- Character quoter RN 17
- Special function keys character representation STR 3
- Character Select menu FED 5
- The Character Select Pane FED 33
- Using the mouse in the character select pane FED 33
- Character set NOTA 1

- ASCII
 - Expanded
 - Lisp Machine
 - The
 - Disable all
- QFILE NORMAL
- QFILE RAW
- QFILE SUPER-IMAGE
- Changes to Serial I/O: Parity Recovery and Xon/Xoff
- Double-quote
- Continue Command Sends an All-keys-up
-
- \$
- !
- :char init option for tv:
- :font init option for tv:
- :set-character method of tv:
- tv:
- character set NETIO 25, 27
- character set ARR 25
- Character Set STR 3
- Character Set STR 3
- character set translation in ASCII files STR 59
- Character Set Translation in QFILE PROT 88
- character set translation mode PROT 88
- character set translation mode PROT 90
- character set translation mode PROT 90
- Character sets NETIO 45, 63
- Character Setting RN 109
- Character strings ARR 25
- character strings NOTA 1
- Character strings as array elements ARR 4
- Character syntax descriptions RN 17
- Character to Lisp RN 137
- :character variable type MENUS 59
- Character width WINDOC 23, 58, 61, FED 13
- character, do not delete file flag FSED 5
- character, do not reap file flag FSED 5
- character, file not backed up flag FSED 5
- character-blinker WINDOC 67
- character-blinker WINDOC 67
- character-blinker WINDOC 67
- character-blinker flavor WINDOC 67
- :character-height init option for tv:menu MENUS 97
- :character-height init option for tv:sheet WINDOC 79
- :character-or-nil variable type MENUS 59
- Character-related byte specifiers STR 3
- character-size printer attribute HARD 5
- character-size: printer object attribute PROT 15
- Character-width WINDOC 77
- :character-width init option for tv:menu MENUS 97
- :character-width init option for tv:sheet WINDOC 78
- :character-width method of tv:sheet WINDOC 29
- Characteristics ZMAILC 17
- Characteristics ZMAILC 8
- Characters ARR 26
- characters RN 22, 57
- characters STR 3
- characters PRIM 99
- characters FED 9
- Characters ZMACS 66
- characters WINDOC 23
- Characters ZMACS 66
- characters RN 17, PRIM 95
- characters WINDOC 19
- characters STR 3
- Characters ZMACS 20
- characters WINDOC 41
- Known problem: char-upcase and char-downcase undefined for modified characters RN 145
- Logical characters and physical
 - Macro
 - Mirror imaging
 - Mouse
 - Newline
- Octal escape for special
- Octal representation of
 - Quoting
 - RETURN
 - Special
 - Typing
- Using the CONTROL key while drawing
- Using the META key while drawing
- characters WINDOC 59
- characters NOTA 1, PRIM 98
- characters FED 19
- characters RN 102
- characters ZMACS 20
- characters RN 17
- characters STR 3
- characters PRIM 89
- characters SCROLL 3
- characters NOTA 1, PRIM 103, WINDOC 23
- Characters WINDOC 23
- characters FED 11
- characters FED 11

- Wide characters 3600 19
- Logical characters and physical characters WINDOC 59
- Reading characters from an input stream STR 12
- Reading characters from the keyboard WINDOC 19, 41
- :**characters** message STR 11, 76
- Symbol Characters on the LM-2 and 3600 3600 10
- :**characters** option for **copyf** RN 28, STR 68
- Serial I/O format of transmitted characters parameters NETIO 27
- Special Characters Recognized by the Inspector MISCT 4
- Characters with modifier bits RN 145
- Drawing Characters with the Mouse FED 11
- [Stretch Character] Font Editor menu item FED 21
- [Gray Char] Font Editor menu item FED 15, 21, 30
- [Rename Char] Font Editor menu item FED 9, 30
- [Save Char] Font Editor menu item FED 9, 30
- CHASTA utility programs NETIO 83
- QFILE synchronization check PROT 99
- Check for New Mail (m-X) ZMAILT 50
- [Check Records] Maintenance Operations menu item SITE 1
- Check Unbalanced Parentheses When Saving ZMACS 195
- Check word NETIO 35, 37
- Check words INT 55
- check-arg** macro COND 27
- check-arg-type** macro COND 27
- check-arg-type** special form PKG 9
- :**check-framing-errors** serial I/O parameter NETIO 27
- :**check-over-run-errors** serial I/O parameter NETIO 27
- :**check-parity-errors** serial I/O parameter NETIO 27
- :**check-ready** message to tape streams TAPE 4
- :**checker** option for **defresource** STOR 18
- Circular-link checking RN 120
- File Attribute Checking ZMACS 126
- Subscript Bounds Checking 3600 19
- Checking for valid arguments COND 27
- Checking on All Forms RN 81
- Checking the State NETIO 95
- si:** **checksum-band** function SIG 33, SITE 28
- USART chip NETIO 23
- CHNCP.GSF global section RN 109
- choice box MENUS 62
- Choice box descriptor MENUS 91
- Choice boxes MENUS 2, 51, TAPE 16
- Choice boxes in bottom of margin MENUS 91
- Choice Boxes Menu TAPE 17
- Choice Boxes menu item TAPE 17
- Choice Boxes menu item TAPE 17
- Choice Facilities MENUS 4
- Choice Facilities MENUS 2
- Choice Facilities MENUS 5
- Choice Facilities MENUS 2
- Choice Facilities MENUS 1
- Choice Facilities Use the Flavor System MENUS 4
- Choice Facilities: the Choice Facilities MENUS 1
- The Choice Facility MENUS 91
- The Multiple Choice Facility MENUS 51
- The Basic Multiple Choice Flavor MENUS 54
- The Standard Multiple Choice Function MENUS 52
- Multiple choice menu MENUS 51
- Instantiable Multiple Choice Menu Flavors MENUS 54
- Multiple Choice Menus MENUS 2
- Using the mouse with multiple choice window MENUS 51
- Multiple choice window parameters MENUS 51, 55
- :**choice-box** I/O buffer command MENUS 72
- Margin Choices MENUS 2

- Special Choices MENUS 2, 41, 47
- [Clear all] **:choices** option for **fquery** MISCUI 10
- Multiple menu choices] Choice Boxes menu item TAPE 17
- The Multiple Menu Choose MENUS 12
- Instantiable Multiple Menu choose MENUS 47
- The Standard Multiple Menu Choose Facility MENUS 47
- Multiple Menu Choose Flavors MENUS 49
- Choose Function MENUS 47
- Choose Menus MENUS 2
- :choose** message MENUS 12, 29
- :choose** message **tv:menu** MENUS 23
- :choose** message **tv:multiple-choice** MENUS 55
- :choose** method of
- mouse-sensitive-regions-mixin** WINDEX 49
- Multiple Menu Choose Mixin and Resource MENUS 48
- How to **:choose** proceed type PKG 51
- Choose Process Priority Levels PROC 26
- :choose** variable type MENUS 59
- Choose Variable Values MENUS 2, TAPE 17
- Choose Variable Values Facility MENUS 57
- Choose Variable Values Flavor MENUS 72
- Choose Variable Values Flavors MENUS 72
- Choose Variable Values Function MENUS 61
- Choose Variable Values Menu TAPE 14
- Choose Variable Values Types MENUS 69
- Choose Variable Values Window MENUS 71
- Choose Variable Values Windows MENUS 72
- choose-user-options** function MENUS 66, 67
- choose-variable-values** MENUS 62
- choose-variable-values** MENUS 62
- choose-variable-values** TOOLS 124
- choose-variable-values** MENUS 62
- choose-variable-values** MENUS 63
- choose-variable-values** MENUS 62
- choose-variable-values** MENUS 63
- choose-variable-values** MENUS 62
- choose-variable-values** Examples MENUS 63
- choose-variable-values** function TOOLS 116, 124, TOOLS 116, 124, MENUS 62
- New Choose-variable-values Keywords RN 76
- Choose-variable-values menus LMS 13
- tv: choose-variable-values** Options MENUS 62
- tv: choose-variable-values** options TOOLS
- tv: choose-variable-values** Type Definition Example MENUS 71
- Choose-variable-values window TOOLS 116, 121
- Choose-variable-values Windows RN 105
- choose-variable-values-keyword** Property MENUS 70
- tv: choose-variable-values-keyword** property MENUS 69
- tv: choose-variable-values-pane** flavor MENUS 72
- tv: choose-variable-values-process-message** function MENUS 73
- choose-variable-values-window** MENUS 75
- choose-variable-values-window** MENUS 75
- choose-variable-values-window** MENUS 75
- choose-variable-values-window** MENUS 74
- choose-variable-values-window** MENUS 76
- choose-variable-values-window** MENUS 75
- choose-variable-values-window** MENUS 75
- choose-variable-values-window** Example MENUS 77
- tv: choose-variable-values-window** flavor MENUS 72
- tv: choose-variable-values-window** Messages MENUS 75
- Choosing and Executing MENUS 12
- Extracting value from chosen item MENUS 23
- :adjust-geometry-for-new-variables** message **tv:**
- :appropriate-width** message **tv:**
- :lo-buffer** init option for **tv:**
- :margin-choices** init option for **tv:**
- :redisplay-variable** message **tv:**
- :set-variables** message **tv:**
- :setup** message **tv:**
- tv:**

- Circle character 3600 7
- CIRCLE key 3600 5
- Circle-cross NOTA 1
- Circle-plus PRIM 103
- Circle-X (⊗) character PRIM 93
- Circle-x (⊗) character in TOPS-20 pathnames FILE 46
- si:** **circlecross** syntax description RN 18, PRIM 106
- Data
 - Circuit Terminating Equipment NETIO 23
 - Circular list PRIM 11
 - Circular-link checking RN 120
- fs:** **circular-link** flavor COND 71
- circular-list** function PRIM 23
- Circumflex (^) in fixnum syntax PRIM 93
- cl** package PKG 49
- New variable:
 - cl:*read-default-float-format*** RN 17
 - cl:*read-default-float-format*** variable RN 17, PRIM 95
 - cl:double-float** format RN 17, PRIM 95
 - cl:long-float** format RN 17, PRIM 95
 - cl:short-float** format RN 17, PRIM 95
 - cl:single-float** format RN 17, PRIM 95
 - :clamped** boundary condition for
 - :draw-cubic-spline** WINDOC 39
- Release 5.0: Notes and
 - Clarifications RN 143
 - Clarifications and Corrections for Release 5.0 RN 143
 - Class WINDOC 1
 - Class definition record for **host** PROT 30
- Special
 - Class IV Instructions INT 49
 - :class** message PROT 29
 - Class object PROT 2
 - Class Objects PROT 30
 - Classes PROT 2, 3
- Database
 - classes SIG 2
 - Classes of Handlers COND 9
 - Classes of options ZMAILC 7
 - Classifiers ZMAILC 25
 - Classifying Messages ZMAILC 25
- :limit** clause WINDOC 93
- always** clause FLOW 45
- append** clause FLOW 42
- appending** clause FLOW 42
- as** clause FLOW 56
- collect** clause FLOW 42
- collecting** clause FLOW 42
- count** clause FLOW 42
- counting** clause FLOW 42
- do** clause FLOW 42
- finally** clause FLOW 42
- for** clause FLOW 56
- if** clause FLOW 45
- initially** clause FLOW 42
- loop** clause FLOW 49
- maximize** clause FLOW 42, 48
- minimize** clause FLOW 42
- named** clause FLOW 47
- nconc** clause FLOW 42
- never** clause FLOW 45
- nodeclare** clause FLOW 40
- return** clause FLOW 47
- sum** clause FLOW 42, 48
- summing** clause FLOW 42
- thereis** clause FLOW 45
- unless** clause FLOW 45
- until** clause FLOW 44
- when** clause FLOW 45
- while** clause FLOW 44
- with** clause FLOW 40

doing clause expression FLOW 42
New clause for **condition-call: :no-error** RN 98
 Clauses FLOW 36
 Evaluation Iteration-driving clauses FLOW 37
for clauses FLOW 37
 Iteration-driving Clauses FLOW 37, 51
 Miscellaneous Other Clauses FLOW 47
 Clean Directory (m-X) Zmacs command ZMACS 123
 Cleanup handler FLOW 25
 Clear ZMACS 71
clear PRIM 103
 [Clear all choices] Choice Boxes menu item TAPE 17
 Clear all points FED 29
 Clear buffered input STR 14
 Clear buffered output STR 14
 New FEP Commands: Add Disk-type and Clear Disk-types RN 136
 Clear Disk-types command NETIO 7
 Clear Disk-types FEP command RN 136
 Clear gray plane FED 15, 30
 [Clear Gray] Font Editor menu item FED 15, 30
 Clear Machine command NETIO 7
 Clear Paging-files command NETIO 7
 [Clear Points] Font Editor draw mode menu item FED 11
 Clear Receiver bit NETIO 70
 Clear Screen command NETIO 7
 CLEAR SCREEN FSPT Editor command FILE 68
 Clear Transmitter bit NETIO 70
si: **clear-band** function SIG 44
:clear-screen, :clear-eol, and **:clear-char** method of **tv:sheet** WINDOC 28
:clear-eof message to input tape streams TAPE 4
:clear-eof messages to windows renamed RN 44
:clear-eof method of **tv:sheet** RN 44
:clear-eol method of **tv:sheet** RN 44
:clear-screen, **:clear-eol,** and **:clear-eof** messages to windows renamed RN 44
:clear-error message to tape streams TAPE 4
:clear-hash message PRIM 45
clear-input PRIM 103
 CLEAR-INPUT LMS 37
:clear-input NETIO 25, 31
:clear-input message STR 14
:clear-input method of **tv:stream-mixin** WINDOC 45
:clear-input option for **fquery** MISCUI 10
 CLEAR-INPUT Zmacs command ZMACS 71
dbg: **clear-mar** function DEBUG 37
 Previously undocumented function: **:clear-output** message STR 14
clear-resource RN 78
clear-resource function RN 78, STOR 21
:clear-rest-of-line method of **tv:sheet** RN 44, WINDOC 28
:clear-rest-of-window method of **tv:sheet** RN 44, WINDOC 28
clear-screen PRIM 103
 Clear-screen 3600 5
 Clear-Screen character 3600 7
 CLEAR-SCREEN command ZMAILT 24
 FUNCTION CLEAR-SCREEN command ZMAILT 24
 CLEAR-SCREEN key 3600 5
:clear-screen message STR 16
:clear-screen method of **tv:sheet** RN 44
:clear-screen operation STR 25
:clear-screen, :clear-eol, and **:clear-eof** messages to windows renamed RN 44
:clear-to-send serial I/O parameter NETIO 27
:clear-window method of **tv:sheet** RN 44, WINDOC

- 28
- Memory clearing NETIO 7
 - Register clearing NETIO 7
 - Clearing the Drawing FED 19
 - [Clear] Inspector menu item MISCT 5
 - L2:Move to point mouse click ZMACS 49
 - L:Move point mouse click ZMACS 49
 - M2:Save/Kill/Yank mouse click ZMACS 49
 - M:Mark thing mouse click ZMACS 49
 - R2:System menu mouse click ZMACS 50
 - R:Menu mouse click ZMACS 50
 - Clicking Middle Edits Current String in Choose-variable-values Windows RN 105
 - Current meaning of mouse clicks ZMACS 49
 - Encoded mouse clicks WINDOC 67
 - Mouse clicks TOOLS 120, WINDOC 67, ZMAILT 11
 - Reading mouse clicks SCROLL 9
 - Receiving mouse clicks RN 40
 - Modified mouse clicks as editor commands RN 103
 - Shifted Mouse Clicks Can Now Be Used for Editor Commands RN 103
 - Clipping WINDOC 33
 - 60-Hz Clock NETIO 109
 - Lbus clock 3600 24
 - Microsecond Clock NETIO 109
 - :clock event RN 95, PROC 6
 - :clock option for **si:sb-on** RN 95, PROC 6
 - Clock resetting NETIO 7
 - Clock sequence break RN 95, PROC 6
 - TV frames per clock sequence break meter INT 30
 - sys:** **clock-function-list** variable PROC 5
 - [Close All Files] Maintenance Operations menu item SITE 1
 - QFILE CLOSE and Synchronous Marks PROT 108
 - CLS Close connection packet NETIO 53
 - close** function STR 65
 - chaos:** **close** function RN 107
 - :close message STR 15
 - :close message to tape streams TAPE 4
 - :close operation STR 60
 - CLOSE QFILE command PROT 87, 107, 108
 - CLOSE system call NETIO 75
 - close**, and **chaos:finish** renamed RN 107
 - chaos:stream, chaos:** close-abort PROT 87
 - QFILE **fs:** **close-all-files** function STR 70
 - chaos:** **close-conn** function RN 107, NETIO 85
 - Closed connection state NETIO 60, 87
 - Closed subroutine FUNC 9
 - [Close] File System Editor menu item FSED 1
 - [Close] Filter Creation Display menu item ZMAILC 10
 - CLOSF NETIO 80
 - Opening and Closing NETIO 93
 - Opening and Closing a connection NETIO 53, 57, 85, 93
 - Opening and Closing Connections NETIO 84
 - Closure PRIM 5, FLAV 11, 61
 - Inspecting a closure MISCT 3
 - closure** function FUNC 11, 34
 - What a Closure is FUNC 31
 - :closure returned by **typep** PRIM 5
 - Closure Subprimitives INT 26
 - Unbound closure variable error COND 53
 - closure-alist** function FUNC 35
 - closure-function** function FUNC 35
 - Closure-manipulating Functions FUNC 34
 - closure-variables** function FUNC 35
 - closurep** function PRIM 5, FUNC 34
 - Closures FUNC 7, 11, 31
 - Entitles: Closures FUNC 36

Examples of the Use of Printing	Closures FUNC 33
	closures FLAV 61
	clrhash function PRIM 47
	clrhash-equal function PRIM 47
Error message from a received	CLS Close connection packet NETIO 53
Sending a	CLS or LOS packet NETIO 81
	CLS packet NETIO 57
	CMD QFILE token PROT 93
.MOACN function	code NETIO 81
.MOAWS function	code NETIO 81
.MOEOF function	code NETIO 81
.MOERR function	code NETIO 81
.MOFHS function	code NETIO 81
.MONOP function	code NETIO 81
.MOOPN function	code NETIO 81
.MOPKR function	code NETIO 81
.MOPKS function	code NETIO 81
.MORWS function	code NETIO 81
.MOSIZ function	code NETIO 81
.MOSND function	code NETIO 81
.MOSRT function	code NETIO 81
.MOSWS function	code NETIO 81
.MOUAC function	code NETIO 81
Aligning	code TOOLS 23
ASCII	code NETIO 81
Changed	code TOOLS 52
Character	code PRIM 99
Commenting	Code ZMACS 157
Compiled	code INT 37
Compiling	code TOOLS 63, 64
Conditional	Code 3600 14
Conditionalizing	code 3600 14, 30, COMP 21
Disk error	code INT 59
Error logging	code COND 16
Evaluating	code TOOLS 63, 68, 88
Executable	code PRIM 1
Finding source	code ZMACS 156
Format escape to user-supplied	code STR 25
Formatting Lisp	Code STR 42
Inspecting compiled	code INT 37
Loop exit	code FLOW 35, 42
Loop initialization	code FLOW 35, 42
Machine	code INT 37
Macros That Surround	Code MAC 20
Undefined character	code WINDOC 23
Compiled object	code as line item entry SCROLL 6
Invalid type	code error COND 54
Compiled	Code File Types 3600 13
Arrays in compiled	code files COMP 25
Compiled code objects in compiled	code files COMP 25
File type for compiled	code files COMP 1
Instances in compiled	code files COMP 25
Lists in compiled	code files COMP 25
New Function for Putting Data in Compiled	Code Files 3600 32
Numbers in compiled	code files COMP 25
Putting Data in Compiled	Code Files COMP 25
Symbols in compiled	code files COMP 25
Character	code for nonprinting characters PRIM 99
Lowercase	Code in Buffer (m-X) Zwei command RN 125
Uppercase	Code in Buffer (m-X) Zwei command RN 125
Lowercase	Code in Region ZMACS 148
Uppercase	Code in Region (m-X) Zmacs command ZMACS 148
Lowercase	Code in Region (m-X) Zwei command RN 125
Uppercase	Code in Region (m-X) Zwei command RN 125
Inspecting a compiled	code object MISCT 3
Compiled	code objects COMP 1
Compiled	code objects in compiled code files COMP 25
Editing the source	code of a function ZMACS 11, MISCU 1

- Locating Source Code to Edit ZMACS 166
- Source Code: Graphic Lisp WINDEX 79
- Source Code: Mouse-Sensitive **format** Directive:
 - M** WINDEX 50
- Source Code: Overlapping Mouse-Sensitive Regions WINDEX 42
- Source Code: Pocket Calculator, Version 1 WINDEX 10
- Source Code: Pocket Calculator, Version 2 WINDEX 25
- Source Code: Pocket Calculator, Version 3 WINDEX 32
- Source Code: Simple Mouse-Sensitive Items WINDEX 20
- Source Code: Smiling Face WINDEX 61
- Cdr codes 3600 24
- Character codes 3600 7
- Disk Error Codes INT 65
- lmlac terminal codes RN 114
- QFILE Error Codes PROT 124, 125
- Reading octal character codes PRIM 93
- Subpackets: Coercing Packets PROT 65
- Coercion rules PRIM 61
- coercion rules as **string** RN 16
- cold boot LMS 5
- cold boot RN 143
- Cold Boot (LM-2) SITE 30
- Cold boot after logging out LMS 6
- Cold boot after powering up LMS 4
- Cold boot process SITE 30
- Cold boot when you cannot cold boot LMS 5
- Cold booting NETIO 7, SIG 42
- Cold Booting the 3600 NETIO 3
- :cold initialization list INIT 5
- :cold option for **add-initialization** INIT 1
- cold-load-stream-old-selected-window** RN 74
- cold-load-stream-old-selected-window** variable RN 74, WINDOC 17
- collect** clause FLOW 42
- collect entire Lisp environment STOR 8
- collect** keyword FLOW 42
- collecting** clause FLOW 42
- collecting** keyword FLOW 42
- collection STOR 9
- Collection ZMAILC 28
- collection ZMAILC 29
- collection STOR 12
- collection ZMAILC 30
- collection STOR 9
- Collection ZMAILC 29
- Collection ZMAILC 29
- collection commands ZMAILC 28
- collection filters ZMAILC 8
- Collection Happens STOR 9
- collection hints ZMAILC 31
- collection in static areas STOR 1
- collection messages ZMAILC 29
- collection meters INT 30
- collections ZMAILC 28
- collections ZMAILC 30
- collections ZMAILC 30
- collections ZMAILC 3, 17, 28
- collections ZMAILC 28
- collections in universes ZMAILC 13
- Collections, and Mail Files ZMAILC 31
- collection] Move menu item ZMAILC 28
- collection] Move menu item ZMAILC 28
- collector STOR 9
- collector STOR 9, 13
- Collector 3600 32, STOR 13, 17, INT 9
- Collector PRIM 47
- Collector STOR 7
- Controlling garbage
- Creating a Mail
- Expunging
- Incremental garbage
- Messages in a mail
- Nonincremental garbage
- Operating on a Mail
- Operating on a Message in a Mail
- Mail
- Controlling When Garbage Mail
- Mail
- Garbage Mail
- Garbage Mail
- Creating mail
- Expunging mail
- Killing mail
- Mail
- Naming mail
- Mail
- Hints for Using Keywords, Mail
- [New
- [Recycled
- Await scavenge state of the garbage
- Flipping garbage
- Garbage
- Hash Tables and the Garbage
- Interim Changes: the Garbage

- Output messages from the garbage collector STOR 9
- Strategy for Unattended Operation with the Garbage Collector STOR 13
- The Garbage Collector STOR 7
- Using the Garbage Collector STOR 12
- Working set size for the garbage collector STOR 9
- Garbage Collector Improvements STOR 9
- Garbage collector run bar INT 29
- Garbage collector statistics STOR 9
- Garbage collector warnings STOR 9
- Printing garbage Collision avoidance NETIO 38
- Garbage Collisions NETIO 38
- Colon COLON 1
- Colon Change for Babyl Files RN 129
- :external colon mode PKG 33, 35
- :internal colon mode PKG 33, 35
- :colon-mode option for **defpackage** PKG 19, 33
- :colon-mode option for **make-package** PKG 19, 35
- Color DAC boards NETIO 106
- Four-bit color display WINDOC 62
- Color font names WINDOC 62
- Color Fonts WINDOC 62
- Background for color fonts WINDOC 62
- Color map WINDOC 19
- Color option NETIO 106
- Color screens WINDOC 19, 54, 62
- :sys: %color-transform function WINDOC 40
- :color:make-color-font function WINDOC 63
- Adding an Item to the Create Column MENUS 39
- Adding an Item to the Programs Column MENUS 39
- Set Comment Column ZMACS 158
- Set Fill Column ZMACS 180
- Set Goal Column ZMACS 57
- Space over to a given column STR 25
- Set Comment Column (c-X ;) TOOLS 23
- Set Fill Column (c-X F) TOOLS 12
- Manipulating column geometry MENUS 15
- Date Zmail display column heading ZMAILT 3
- From To Zmail display column heading ZMAILT 3
- Lines Zmail display column heading ZMAILT 3
- No. Zmail display column heading ZMAILT 3
- Subject or Text Zmail display column heading ZMAILT 3
- Default column position ZMACS 57
- c-X ; (Set Comment Column) TOOLS 23
- c-X F (Set Fill Column) TOOLS 12
- :column-spec-list init option for
- tv:dynamic-multicolumn-mixin MENUS 37
- tv: column-spec-list variable MENUS 36
- Columnar format MENUS 14, 98
- columns MENUS 2, 47
- columns MENUS 36
- columns MENUS 14, 98
- :columns init option for tv:menu MENUS 14, 98
- com-zmail-select-all-conversations-by-references function RN 130
- combination COND 40
- combination COND 37, TOOLS 124
- combination TOOLS 105, 108, 110, 111, 112, 113
- Combination FLAV 49
- Combination Method Types FLAV 53
- :combination symbol in :documentation option to
- defflavor FLAV 35
- combination type FLAV 49
- combination type FLAV 49
- combination type FLAV 49
- combination type FLAV 49
- combination type FLAV 49
- combination type FLAV 49
- combination type FLAV 49
- combination type FLAV 49
- :and method combination type FLAV 49
- :append method combination type FLAV 49
- :case method combination type FLAV 49
- :daemon method combination type FLAV 49
- :inverse-list method combination type FLAV 49
- :list method combination type FLAV 49
- :nconc method combination type FLAV 49

	:or method	combination type	FLAV 49
	:progn method	combination type	FLAV 49
	Some Methods Can Use	Combination Type as Method Type	RN 83
	Instance variables of	combined flavors	FLAV 19
		Combined method	FLAV 19
		:combined method type	FLAV 49
		Combined methods	FLAV 31
	Edit	Combined Methods (m-X)	TOOLS 133
	List	Combined Methods (m-X)	TOOLS 133
	Edit	Combined Methods (m-X) Zmacs command	FLAV 63
	List	Combined Methods (m-X) Zmacs command	FLAV 63
		Combining abstract types	FLAV 19
		Combining Choice Facilities	MENUS 4
		Combining flavors	FLAV 19, 26
		Combining methods	FLAV 26, 27
		Comma	NOTA 1
		Comma (,) macro character	PRIM 98
		Comma character (,) in backquote facility	MAC 7
		Command	MENUS 29, 83
		command	ZMACS 140
		command	ZMACS 139
		command	ZMACS 136
		command	FED 12
		command	FED 31
		command	NETIO 77
		command	NETIO 77
		command	NETIO 77
	:choice-box I/O buffer	command	MENUS 72
	:HOST	command	NETIO 77
	:variable-choice I/O buffer	command	MENUS 72
	= Dired	command	ZMACS 137
	? Dired	command	ZMACS 135
	? Font Editor	command	FED 30
	@ Font Editor	command	FED 29
	A Dired	command	ZMACS 141
	A FSPT Editor	command	FILE 68
	A Peek	command	MISCU 3
	ABORT	command	ZMAILT 8, 13, 24, 46
	ABORT Debugger	command	DEBUG 9, 15
	ABORT Dired	command	ZMACS 135
	ABORT Font Editor	command	FED 31
	Abort Patch (m-X) Zmacs	command	ZMACS 174, MAINT 34
	ABORT Zmacs	command	ZMACS 32
	Add Disk-type	command	NETIO 7
	Add Disk-type FEP	command	RN 136
	Add Fcc Field (m-X) Zmail	command	ZMAILT 41
	Add From Field (m-X) Zmail	command	ZMAILT 41
	Add In Reply To Field (m-X) Zmail	command	ZMAILT 41
	Add Paging-file	command	NETIO 7
	Add Patch (m-X) Zmacs	command	ZMACS 173, MAINT 34
	Add Patch Changed Definitions (m-X) Zmacs	command	RN 123, ZMACS 173
		Add Patch Changed Definitions of Buffer (m-X) Zmacs	
		command	RN 123, ZMACS 173
	Any Extended	Command	ZMACS 6
	Append Conversation By References (m-X) Zmail	command	RN 130, ZMAILC 21
	Append To File (m-X) Zmacs	command	ZMACS 112
	Append To Referenced Msg (m-X) Zmail	command	ZMAILC 21
	Apropos (m-X)	command	ZMAILT 23
	Apropos (m-X) Zmail	command	ZMAILC 5
	Arglist (m-X) Zmacs	command	ZMACS 37
	Atom Query Replace (m-X) Zmacs	command	ZMACS 93
	Atom Word Mode (m-X) Zmacs	command	ZMACS 180
	Auto Fill Lisp Comments Mode (c-m-X) Zmacs	command	ZMACS 180
	Auto Fill Mode (m-X) Zmacs	command	ZMACS 180
	B Font Editor	command	FED 25
	Boot	command	NETIO 6
	Boot FEP	command	RN 134
	BREAK Inspector	command	MISCT 4

Bug (m-X) Zmail	command	ZMAILT 31
C Dired	command	ZMACS 137
C Font Editor	command	FED 9, 31
C Zmail	command	ZMAILT 46
c-% Zmacs	command	ZMACS 90
c-. Zmacs	command	ZMACS 98, 168
c-/ completion	command	ZMACS 13, 44
c-Ø c-m-Y yank	command	ZMACS 14
c-; Zmacs	command	ZMACS 157
c-< Zmacs	command	ZMACS 81
c-= Zmacs	command	ZMACS 37
c-> Zmacs	command	ZMACS 81
c-? completion	command	ZMACS 13, 44
c-A Debugger	command	TOOLS 77, DEBUG 15
c-A Zmacs	command	ZMACS 23, 57
c-ABORT	command	WINDOC 41, NETIO 5, 92
c-ALTMODE Zmail	command	ZMAILT 46
c-B Debugger	command	DEBUG 9, 15
c-B Stepper	command	TOOLS 90
c-B Zmacs	command	ZMACS 23, 52
c-BREAK	command	WINDOC 41
c-C Debugger	command	DEBUG 9, 15
c-C Font Editor	command	FED 30
c-C Lisp input editor	command	TOOLS 71
c-C yank	command	INED 3, 7
c-D Dired	command	ZMACS 138
c-D Zmacs	command	ZMACS 25, 33, 66
c-D Zmail	command	ZMAILT 59, ZMAILC 18
c-E Debugger	command	TOOLS 77, DEBUG 9, 15
c-E Stepper	command	TOOLS 90
c-E Zmacs	command	ZMACS 23, 57
c-END Converse	command	RN 116, CONV 8
c-F Zmacs	command	ZMACS 23, 51
c-G Debugger	command	DEBUG 5
c-G Zmacs	command	ZMACS 32, 33
c-HELP Debugger	command	TOOLS 76, DEBUG 9, 15
c-HELP V Zmacs	command	ZMACS 193
c-K Dired	command	ZMACS 138
c-K FSPT Editor	command	FILE 68
c-K Zmacs	command	ZMACS 25, 71
c-L Debugger	command	TOOLS 77, DEBUG 9, 15
c-L Zmacs	command	ZMACS 47
c-M Debugger	command	RN 116, COND 44, DEBUG 9, 15
c-m- (Zmacs	command	ZMACS 55
c-m-) Zmacs	command	ZMACS 55
c-m-; Zmacs	command	ZMACS 157
c-m-? V Zmacs	command	ZMACS 193
c-m-@ Zmacs	command	ZMACS 80
c-m-A Debugger	command	DEBUG 9, 15
c-m-A Zmacs	command	ZMACS 55
c-m-ABORT	command	WINDOC 41, ZMAILT 24, 47
c-m-B Debugger	command	DEBUG 9, 15
c-m-B Zmacs	command	ZMACS 54
c-m-BREAK	command	WINDOC 41
c-m-D Zmacs	command	ZMACS 54
c-m-E Zmacs	command	ZMACS 56
c-m-F Debugger	command	DEBUG 9, 15
c-m-F Zmacs	command	ZMACS 54
c-m-H Debugger	command	DEBUG 9, 15
c-m-H Zmacs	command	ZMACS 80
c-m-K Zmacs	command	ZMACS 25, 69
c-m-L Debugger	command	DEBUG 9, 15
c-m-L Zmacs	command	ZMACS 105
c-m-M Zmacs	command	ZMACS 151
c-m-N Debugger	command	DEBUG 9, 15
c-m-N Zmacs	command	ZMACS 53
c-m-O Zmacs	command	ZMACS 153
c-m-P Debugger	command	DEBUG 9, 15

c-m-P Zmacs	command	ZMACS 53
c-m-Q Zmacs	command	ZMACS 151
c-m-R Debugger	command	TOOLS 77, DEBUG 9, 15
c-m-R Zmacs	command	ZMACS 48
c-m-RETURN Zmacs	command	ZMACS 151
c-m-RUBOUT Zmacs	command	ZMACS 25, 69
c-m-S Debugger	command	DEBUG 9, 15
c-m-sh-E Zmacs	command	ZMACS 160
c-m-SPACE Zmacs	command	ZMACS 76
c-m-SPACE Zmail	command	ZMAILT 54
c-m-SUSPEND	command	RN 116
c-m-T Zmacs	command	ZMACS 70
c-m-U Debugger	command	DEBUG 9, 15
c-m-U Zmacs	command	ZMACS 55
c-m-V Debugger	command	DEBUG 9, 15
c-m-V Zmacs	command	ZMACS 118
c-m-W Debugger	command	TOOLS 75, 77, DEBUG 9, 15
c-m-X Debugger	command	DEBUG 9, 15
c-m-Y yank	command	INED 3, 7, 9, 13, 15
c-m-Y yank	command	ZMACS 14
c-m-Y Zmail	command	ZMAILT 47
c-m-Z Zmacs	command	ZMACS 161
c-m- [Zmacs	command	ZMACS 55
c-m- \ Zmacs	command	ZMACS 151
c-m-] Zmacs	command	ZMACS 56
c-m- ^ Zmacs	command	ZMACS 152
c-N Debugger	command	TOOLS 77, DEBUG 9, 15
c-N Dired	command	ZMACS 136
c-N FSPT Editor	command	FILE 68
c-N Stepper	command	TOOLS 88
c-N Zmacs	command	ZMACS 23, 56, 183
c-N Zmail	command	ZMAILT 53
c-O c-Y yank	command	ZMACS 13
c-O Zmacs	command	ZMACS 153
c-P Debugger	command	TOOLS 77, DEBUG 9, 15
c-P Dired	command	ZMACS 136
c-P FSPT Editor	command	FILE 68
c-P Zmacs	command	ZMACS 23, 56
c-P Zmail	command	ZMAILT 53
c-R Debugger	command	TOOLS 77, DEBUG 9, 15
c-R Font Editor	command	FED 30
c-R FSPT Editor	command	FILE 68
c-R Zmacs	command	ZMACS 87
c-REFRESH Font Editor	command	FED 31
c-S Debugger	command	DEBUG 9, 15
c-sh-A	command	FUNC 7
c-sh-A Zmacs	command	ZMACS 37
c-sh-C Zmacs	command	ZMACS 82
c-sh-D	command	FUNC 7
c-sh-D Zmacs	command	ZMACS 37
c-sh-E Zmacs	command	ZMACS 160
c-sh-M Zmacs	command	ZMACS 165
c-sh-P Debugger	command	DEBUG 9, 15
c-sh-V Zmacs	command	ZMACS 38
c-SPACE Zmacs	command	ZMACS 76
c-SPACE Zmail	command	ZMAILT 54, ZMAILC 18
c-T Debugger	command	DEBUG 9, 15
c-T Zmacs	command	ZMACS 66
c-U c-SPACE Zmail	command	ZMAILT 54, ZMAILC 18
c-U c-U c-SPACE Zmail	command	ZMAILT 54, ZMAILC 18
c-U Stepper	command	TOOLS 90
c-U Zmacs	command	ZMACS 22
c-V Zmacs	command	ZMACS 24, 47
c-W Font Editor	command	FED 30
c-W FSPT Editor	command	FILE 68
c-W Zmacs	command	ZMACS 25, 82
c-X 0 Zmail	command	ZMAILT 42
c-X 1 Zmacs	command	ZMACS 118

c-X 1 Zmail	command	ZMAILT 42
c-X 2 Zmacs	command	ZMACS 117
c-X 2 Zmail	command	ZMAILT 42
c-X 3 Zmacs	command	ZMACS 117
c-X 4 Zmacs	command	ZMACS 117
c-X 8 Zmacs	command	ZMACS 117
c-X ; Zmacs	command	ZMACS 158
c-X = Zmacs	command	ZMACS 37
c-X A Zmacs	command	ZMACS 112
c-X A Zmail	command	ZMAILT 42
c-X ALTMODE yank	command	INED 3, 7
c-X B Zmacs	command	ZMACS 27, 105
c-X C Zmail	command	ZMAILT 41
c-X c-; Zmacs	command	ZMACS 159
c-X c-B Zmacs	command	ZMACS 103, 106
c-X c-D Zmacs	command	ZMACS 119
c-X c-F Zmacs	command	ZMACS 28, 29, 108
c-X c-G Zmacs	command	ZMACS 32
c-X c-I Zmacs	command	ZMACS 152
c-X c-L Zmacs	command	ZMACS 148
c-X c-m-L Zmacs	command	ZMACS 105
c-X c-m-S Zmail	command	ZMAILT 44
c-X c-m-SPACE Zmacs	command	ZMACS 76
c-X c-N Zmacs	command	ZMACS 57
c-X c-O Zmacs	command	ZMACS 26, 153
c-X c-P Zmacs	command	ZMACS 81
c-X c-R Zmail	command	ZMAILT 44
c-X c-S Zmacs	command	ZMACS 28, 109
c-X c-S Zmail	command	ZMAILT 44
c-X c-T Zmacs	command	ZMACS 71
c-X c-U Zmacs	command	ZMACS 148
c-X c-V Zmacs	command	ZMACS 109
c-X c-W Zmacs	command	ZMACS 29, 109
c-X c-W Zmail	command	ZMAILT 44
c-X c-X Zmacs	command	ZMACS 77
c-X D Zmacs	command	ZMACS 131
c-X Debugger	command	DEBUG 9, 15
c-X E Zmacs	command	ZMACS 184
c-X F Zmacs	command	ZMACS 27, 180
c-X H Zmacs	command	ZMACS 81
c-X K Zmacs	command	ZMACS 110
c-X L Zmacs	command	ZMACS 38
c-X M Zmail	command	ZMAILT 47
c-X O	command	ZMAILT 8, 42
c-X O Zmacs	command	ZMACS 118
c-X Q Zmacs	command	ZMACS 185
c-X RUBOUT Zmacs	command	ZMACS 25, 72
c-X S Zmacs	command	ZMACS 27
c-X S Zmail	command	ZMAILT 41
c-X Stepper	command	TOOLS 90
c-X T Zmacs	command	ZMACS 82
c-X T Zmail	command	ZMAILT 41
c-X V Zmacs	command	ZMACS 107
c-X W Zmacs	command	ZMACS 27
c-X Y Zmail	command	ZMAILT 47
c-X Zmacs	command	ZMACS 86, 183
c-X ^ Zmacs	command	ZMACS 117
c-Y FSPT Editor	command	FILE 68
c-Y yank	command	INED 3, 7, 9
c-Y yank	command	ZMACS 13
c-Z Inspector	command	MISCT 4
c-Z Zmacs	command	ZMACS 30
c-Z Zmail	command	ZMAILT 17
c-] Zmail	command	ZMAILT 46
Cancel last	command	ZMACS 32
Change File Properties (m-X) Zmacs	command	ZMACS 123
Change Subject Pronouns (m-X) Zmail	command	ZMAILT 41
CHANGE-PROPERTIES QFILE	command	PROT 122

Clean Directory (m-X) Zmacs	command	ZMACS 123
Clear Disk-types	command	NETIO 7
Clear Disk-types FEP	command	RN 136
Clear Machine	command	NETIO 7
Clear Paging-files	command	NETIO 7
Clear Screen	command	NETIO 7
CLEAR SCREEN FSPT Editor	command	FILE 68
CLEAR-INPUT Zmacs	command	ZMACS 71
CLEAR-SCREEN	command	ZMAILT 24
CLOSE QFILE	command	PROT 87, 107, 108
Comment Out Region (c-X c-;) Zwel	command	RN 125
Compile Buffer (m-X) Zmacs	command	ZMACS 162
Compile Changed Definitions (m-X) Zmacs	command	ZMACS 162
Compile Changed Definitions of Buffer (m-X) Zmacs	command	ZMACS 162
Compile File (m-X) Zmacs	command	ZMACS 162
Compile Region (m-X) Zmacs	command	ZMACS 82
Compiler Warnings (m-X) Zmacs	command	ZMACS 163, COMP 13
COMPLETE completion	command	ZMACS 13, 42
COMPLETE QFILE	command	PROT 123
Continue	command	NETIO 7
Continue FEP	command	RN 137
CONTINUE QFILE	command	PROT 113
Copy	command	NETIO 7
Copy File (m-X) Zmacs	command	RN 28, 124, ZMACS 121, STR 68, FILE 19
Create Directory (m-X) Zmacs	command	ZMACS 123
Create Link (m-X) Zmacs	command	ZMACS 122
CREATE-DIRECTORY QFILE	command	PROT 114
CREATE-LINK QFILE	command	PROT 114
D Dired	command	ZMACS 138
D Font Editor	command	FED 25, 30
D Zmail	command	ZMAILT 59, ZMAILC 18
DATA-CONNECTION QFILE	command	PROT 95
Decrypt Buffer (m-X) Zmacs	command	ZMACS 108
Decrypt Msg (m-X) Zmail	command	ZMAILT 11
Decrypt Text (m-X) Zmail	command	ZMAILT 11
Deinstall Macro (m-X) Zmacs	command	ZMACS 186
Delete Conversation By References (m-X) Zmail	command	RN 130, ZMAILC 21
Delete Duplicate Msgs (m-X) Zmail	command	ZMAILT 59, ZMAILC 18
Delete File (m-X) Zmacs	command	ZMACS 122
DELETE QFILE	command	PROT 111
Delete Referenced Msgs (m-X) Zmail	command	ZMAILC 18, 21
Describe Flavor (m-X) Zmacs	command	FLAV 63
Describe Variable (m-X) Zmacs	command	ZMACS 193
DIRECTORY QFILE	command	PROT 117
Dired (m-X) Zmacs	command	ZMACS 131
Disk Format	command	NETIO 7
Disk Format FEP	command	RN 134
Disk Restore	command	NETIO 7
Dismount	command	NETIO 7
E Dired	command	ZMACS 137
E Font Editor	command	FED 19, 29
E Zmail	command	ZMAILC 30
Edit Buffers (m-X) Zmacs	command	ZMACS 107
Edit Callers (m-X) Zmacs	command	ZMACS 169
Edit Changed Definitions (m-X) Zmacs	command	ZMACS 167
Edit Changed Definitions of Buffer (m-X) Zmacs	command	ZMACS 168
Edit Combined Methods (m-X) Zmacs	command	FLAV 63
Edit Compiler Warnings (m-X) Zmacs	command	ZMACS 163, COMP 13
Edit Definition	Command	ZMACS 166
Edit Definition Zmacs	command	FLAV 63
Edit File Warnings (m-X) Zmacs	command	ZMACS 163, COMP 13
Edit Methods (m-X) Zmacs	command	FLAV 63
Electric Font Lock Mode (m-X) Zmacs	command	ZMACS 180
Electric Shift Lock Mode (m-X) Zmacs	command	ZMACS 180
EMACS Mode (m-X) Zmacs	command	ZMACS 181
Encrypt Buffer (m-X) Zmacs	command	ZMACS 108
Encrypt Text (m-X) Zmail	command	ZMAILT 11

END	command	ZMAILT 8, 13, 24, 42, 46
END completion	command	ZMACS 13, 43
END Converse	command	RN 116, CONV 8
END Dired	command	ZMACS 134
END FSPT Editor	command	FILE 68
End Kbd Macro Zmacs	command	ZMACS 183
ESCAPE Inspector	command	MISCT 4
Evaluate and Replace Into Buffer (m-X) Zmacs	command	ZMACS 92, 161
Evaluate Buffer (m-X) Zmacs	command	ZMACS 160
Evaluate Changed Definitions (m-X) Zmacs	command	ZMACS 161
Evaluate Changed Definitions of Buffer (m-X) Zmacs	command	ZMACS 161
Evaluate Into Buffer (m-X) Zmacs	command	ZMACS 160
Evaluate Region (m-X) Zmacs	command	ZMACS 160, 161
EXPUNGE QFILE	command	PROT 114
Extended	Command	ZMACS 5
F Font Editor	command	FED 30
F Peek	command	MISCU 3
(fed) Lisp Listener	command	FED 3
FEP Load World	command	3600 27
FILEPOS QFILE	command	PROT 110
[Filters (M)] Zmail Profile Mode	command	ZMAILC 21
Find File in Fundamental Mode (m-X) Zmacs	command	ZMACS 110
Find File Zmacs	command	ZMACS 28, 29
Find Files in Tag Table (m-X) Zmacs	command	ZMACS 97
Find Files in Tag Table (m-X) Zwei	command	RN 125
Find String (m-X) Zmail	command	ZMAILT 53, ZMAILC 17
Find Unbalanced Parentheses (m-X) Zmacs	command	ZMACS 38
Finding the right	command	ZMACS 35
Finish Patch (m-X) Zmacs	command	ZMACS 174, MAINT 34
FINISH QFILE	command	PROT 110
Forward (m-X) Zmail	command	ZMAILT 31
FUNCTION m-Q	command	RN 113
FUNCTION A	command	ZMAILT 24
FUNCTION C	command	RN 113
FUNCTION c-C	command	RN 113
FUNCTION c-CLEAR-INPUT	command	NETIO 5
FUNCTION c-Q	command	RN 113
FUNCTION c-T	command	ZMAILT 24
FUNCTION CLEAR-SCREEN	command	ZMAILT 24
FUNCTION F	command	PROT 18
FUNCTION H	command	NETIO 92
FUNCTION M	command	RN 113
FUNCTION m-C	command	RN 113
FUNCTION Q	command	RN 113
FUNCTION Q screen copy	command	HARD 1
FUNCTION W	command	RN 148
G Font Editor	command	FED 30
G Zmail	command	ZMAILT 11, 47
H Dired	command	ZMACS 138
H Font Editor	command	FED 25, 29
H hostat	command	NETIO 77
H Peek	command	MISCU 3
h-B Zmail	command	ZMAILT 47
h-c-upper-left	command	RN 133, 140, NETIO 5
h-F Zmail	command	ZMAILT 47
h-K Zmail	command	ZMAILT 47
h-RUBOUT Zmail	command	ZMAILT 47
h-T Zmail	command	ZMAILT 47
Halt	command	NETIO 7
Hardcopy Buffer (m-X) Zmacs	command	ZMACS 108, HARD 1
Hardcopy File (m-X) Zmacs	command	ZMACS 120, HARD 1
Hardcopy Region (m-X) Zmacs	command	HARD 1
HELP ? Zmacs	command	ZMACS 12
HELP A Zmacs	command	ZMACS 12, 35
HELP C Zmacs	command	ZMACS 12, 34
HELP completion	command	ZMACS 13
HELP D Zmacs	command	ZMACS 12, 35
HELP Debugger	command	DEBUG 9, 15

HELP Dired	command	ZMACS 135
HELP Font Editor	command	FED 30
HELP FSPT Editor	command	FILE 68
HELP L Zmacs	command	ZMACS 12, 36
HELP SPACE Zmacs	command	ZMACS 12
HELP U Zmacs	command	ZMACS 12, 36
HELP V Zmacs	command	ZMACS 12, 36, 193
HELP W Zmacs	command	ZMACS 12
I FSPT Editor	command	FILE 68
Insert Buffer (m-X) Zmacs	command	ZMACS 112
Insert File (m-X) Zmacs	command	ZMACS 112
Install Command (m-X) Zmacs	command	ZMACS 192
Install Macro (m-X) Zmacs	command	ZMACS 186
ITS Hostat	command	NETIO 61
J Zmail	command	ZMAILT 53, ZMAILC 17
Jump to Saved Position (c-X J) Zmacs	command	RN 127
K Dired	command	ZMACS 138
Kill Backward Up List (c-m-X) Zmacs	command	ZMACS 69
Kill Or Save Buffers (m-X) Zmacs	command	ZMACS 110
Kill Some Buffers (m-X) Zmacs	command	ZMACS 110
L Zmail	command	ZMAILC 25
LINE Zmacs	command	ZMACS 151
Lisp Mode (m-X) Zmacs	command	ZMACS 156
List Buffers (c-X c-B) Zmacs	command	RN 125
List Buffers Zmacs	command	ZMACS 103
List Callers (m-X) Zmacs	command	MISCF 1, ZMACS 170
List Changed Definitions of Buffer (m-X) Zmacs	command	ZMACS 169
List Combined Methods (m-X) Zmacs	command	FLAV 63
List Definitions (m-X) Zmacs	command	ZMACS 168
List Files (m-X) Zmacs	command	ZMACS 119
List Fonts (m-X) Zmacs	command	WINDOC 58
List Methods (m-X) Zmacs	command	FLAV 63
List Tag Tables (m-X) Zmacs	command	ZMACS 95
List Variables (m-X) Zmacs	command	ZMACS 193
Load Compiler Warnings (m-X) Zmacs	command	ZMACS 163, COMP 13
Load Microcode	command	NETIO 7
Load Microcode FEP	command	RN 134
Load Sync-program	command	NETIO 7
Load Sync-program FEP	command	RN 134, 135
Load World	command	NETIO 7
Load World FEP	command	RN 134
LOGIN QFILE	command	PROT 116
Lowercase Code in Buffer (m-X) Zwei	command	RN 125
Lowercase Code in Region (m-X) Zwei	command	RN 125
M Font Editor	command	FED 30
M Zmail	command	ZMAILT 31
m-% Zmacs	command	ZMACS 90
m-(Zmacs	command	ZMACS 164
m-) Zmacs	command	ZMACS 56
m-. Zmacs	command	ZMACS 166
(m-.) Zmacs	command	FLAV 63
m-Ø m-Y yank	command	INED 7
m-; Zmacs	command	ZMACS 157
m-< Debugger	command	DEBUG 9, 15
m-< FSPT Editor	command	FILE 68
m-< Zmacs	command	ZMACS 24, 60
m-= Zmacs	command	ZMACS 38
m-> Debugger	command	DEBUG 9, 15
m-> FSPT Editor	command	FILE 68
m-> Zmacs	command	ZMACS 24, 60
m-@ Zmacs	command	ZMACS 80
m-A Zmacs	command	ZMACS 23, 53
m-B Debugger	command	TOOLS 77, DEBUG 9, 15
m-B Zmacs	command	ZMACS 23, 52
m-BREAK Debugger	command	COND 52
m-C Debugger	command	DEBUG 9, 15
m-C Lisp input editor	command	TOOLS 71
m-C yank	command	INED 3, 7, 15

m-C Zmacs	command	ZMACS 148
m-D Zmacs	command	ZMACS 25, 68
m-E Zmacs	command	ZMACS 53
m-ESCAPE Zmacs	command	ZMACS 160
m-F Zmacs	command	ZMACS 23, 52
m-H Zmacs	command	ZMACS 80
m-I Debugger	command	DEBUG 9, 13, 15
m-K Zmacs	command	ZMACS 25, 72
m-L Debugger	command	TOOLS 77, DEBUG 9, 15
m-L Zmacs	command	ZMACS 148
m-LINE Zmacs	command	ZMACS 158
m-M Zmacs	command	ZMACS 151
m-N Debugger	command	DEBUG 9, 15
m-N Zmacs	command	ZMACS 158
m-O Zmacs	command	ZMACS 152
m-P Debugger	command	DEBUG 9, 15
m-P Zmacs	command	ZMACS 158
m-R Zmacs	command	ZMACS 48
m-RETURN Zmacs	command	ZMACS 151
m-RUBOUT Zmacs	command	ZMACS 25, 68
m-S Debugger	command	DEBUG 5, 9, 15
m-S Zmacs	command	ZMACS 150
m-sh-C Zmacs	command	ZMACS 162
m-sh-D	command	FUNC 7
m-sh-D Zmacs	command	ZMACS 37
m-sh-E Zmacs	command	ZMACS 161
m-SUSPEND	command	RN 116
m-T Zmacs	command	ZMACS 68
m-U Zmacs	command	ZMACS 148
m-V Zmacs	command	ZMACS 24, 48
m-W Zmacs	command	ZMACS 82
m-X Debugger	command	DEBUG 9, 15
m-Y yank	command	INED 3, 7, 9, 13, 15
m-Y yank	command	ZMACS 13, 14, 64
m-Z Zmacs	command	ZMACS 162
m-[Zmacs	command	ZMACS 23, 58
m-\ Zmacs	command	ZMACS 26
m-] Zmacs	command	ZMACS 23, 58
m-^ Zmacs	command	ZMACS 26, 152
Macro Expand Expression (m-X) Zmacs	command	ZMACS 165
Mail	Command	ZMAILT 31
[Mail (R)] Zmail	command	ZMAILC 20
Major-mode-setting	command	RN 126
make-area	command	STOR 5
Modified Two Windows (c-X 4) Zmacs	command	RN 127
Mount	command	NETIO 7
[Move (M)] Zmail	command	ZMAILC 27
Move In Place Of Referenced Msg (m-X) Zmail	command	ZMAILC 21
Move to Default Previous Point (m-X) Zmail	command	ZMAILT 54
Move to Previous Point (m-X) Zmail	command	ZMAILT 54
Multiple Edit Callers (m-X) Zmacs	command	ZMACS 170
Multiple List Callers (m-X) Zmacs	command	ZMACS 171
Multiple Query Replace (m-X) Zmacs	command	ZMACS 91
Multiple Query Replace From Buffer (m-X) Zmacs	command	ZMACS 92
N Dired	command	ZMACS 138
N Zmail	command	ZMAILT 53, ZMAILC 17
Name Last Kbd Macro (m-X) Zmacs	command	ZMACS 185
nC-N Zmail	command	ZMAILC 17
nC-P Zmail	command	ZMAILC 17
NETWORK A	command	RN 114
NETWORK D	command	RN 114
NETWORK L	command	RN 114
NETWORK M	command	RN 114
NETWORK Q	command	RN 114
NETWORK X	command	LMS 35
NETWORK X	command	RN 114
nJ Zmail	command	ZMAILC 17
nN Zmail	command	ZMAILC 17

nP Zmail	command	ZMAILC 17
nZ Peek	command	MISCU 3
Occur (m-X) Zmail	command	ZMAILT 53
OPEN QFILE	command	PROT 87, 96
Overwrite Mode (m-X) Zmacs	command	ZMACS 181
P Dired	command	ZMACS 140
P Peek	command	MISCU 3
P Zmail	command	ZMAILT 53, ZMAILC 17
Prepend To File (m-X) Zmacs	command	ZMACS 112
Print message Peek	command	MISCU 3
[Profile] Zmail	command	ZMAILC 7
PROPERTIES QFILE	command	PROT 121
Q Dired	command	ZMACS 134
Q Font Editor	command	FED 30
Q Peek	command	MISCU 3
Q Zmail	command	ZMAILT 17
QFILE	command	PROT 85
Query Replace (m-X) Zmacs	command	ZMACS 90
Query Replace Last Kill (m-X) Zmacs	command	ZMACS 92
Query Replace Let Binding (m-X) Zmacs	command	ZMACS 92
R Dired	command	ZMACS 137
R Fed	command	RN 113
R Zmail	command	ZMAILT 35, 44
Reap File (m-X) Zmacs	command	ZMACS 122
Redistribute Msg (m-X) Zmail	command	ZMAILT 31
References (m-X) Zmail	command	ZMAILC 18
REFRESH Font Editor	command	FED 31
Rename Buffer (m-X) Zmacs	command	ZMACS 108
Rename File (m-X) Zmacs	command	ZMACS 120, FILE 19
RENAME QFILE	command	PROT 112
Reparse Attribute List (m-X) Zmacs	command	ZMACS 125, 127
Repeat Last Minibuffer	Command	ZMACS 41, 64
Replace String (m-X) Zmacs	command	ZMACS 90
Reply	Command	ZMAILT 35
Reset	command	NETIO 5, 7
RESUME Debugger	command	DEBUG 9, 15
Resume Patch (m-X) Zmacs	command	RN 124, MAINT 34
RESUME Zmail	command	ZMAILT 46
RETURN completion	command	ZMACS 13
RETURN Zmacs	command	ZMACS 43
Return-keyboard-to-lisp	command	NETIO 7
Return-keyboard-to-lisp FEP	command	RN 137
Revert Buffer (m-X) Zmacs	command	ZMACS 109
RUBOUT Dired	command	ZMACS 138
RUBOUT Zmacs	command	ZMACS 25, 33
S Font Editor	command	FED 30
S Zmail	command	ZMAILT 17, ZMAILC 30
Save All Files (m-X) Zmacs	command	ZMACS 108
Save File Zmacs	command	ZMACS 28
[Select (R)] Zmail	command	ZMAILC 27
Select All Buffers As Tag Table (m-X) Zmacs	command	ZMACS 94
Select All Conversations By References (m-X) Zmail	command	RN 130
Select Arbitrary Format Mail File (m-X) Zmail	command	ZMAILC 34
Select Buffer (c-X B) Zmacs	command	RN 125
SELECT C	command	CONV 1
Select Conversation (m-X) Zmail	command	ZMAILC 19
Select Conversation By References (m-X) Zmail	command	RN 130, ZMAILC 21
SELECT F	command	FILE 67
SELECT L	command	ZMAILT 24
SELECT M	command	ZMAILT 3, 17, 24
Select Previous Buffer (c-m-L) Zmacs	command	RN 125
Select Referenced Msg (m-X) Zmail	command	ZMAILC 21
Select References (m-X) Zmail	command	ZMAILC 21
Select System As Tag Table (m-X) Zmacs	command	ZMACS 95
SELECT T	command	3600 5
SELECT T	command	RN 114
Select Tag Table (m-X) Zmacs	command	ZMACS 94
SELECT X	command	MISCT 7

SELECT X	command	RN 114
[Select] System Menu	command	CONV 1
Set Backspace (m-X) Zmacs	command	ZMACS 128
Set Base (m-X) Zmacs	command	ZMACS 128
Set Chaos-address	command	NETIO 7
Set Default-disk-unit	command	NETIO 7
Set Disk-type	command	NETIO 7
Set Fonts (m-X) Zmacs	command	ZMACS 128
Set Key (m-X) Zmacs	command	ZMACS 191
Set Lowercase (m-X) Zmacs	command	ZMACS 128
Set Microcode-name-and-version	command	NETIO 7
Set Nofill (m-X) Zmacs	command	ZMACS 128
Set Package (m-X) Zmacs	command	RN 123, ZMACS 126, 127, 128
Set Patch File (m-X) Zmacs	command	ZMACS 128
Set sleep time between updates Peek	command	MISCU 3
Set Tab Width (m-X) Zmacs	command	ZMACS 128
Set Variable (m-X)	command	INED 17
Set Variable (m-X) Zmacs	command	ZMACS 194
Set Visited File Name (m-X) Zmacs	command	ZMACS 110
Set Vsp (m-X) Zmacs	command	ZMACS 128
SET-FILE-SYSTEM QFILE	command	PROT 115
Show Configuration	command	NETIO 6
Show Configuration FEP	command	RN 135
Show Directory	command	NETIO 6
Show Disk-label	command	NETIO 6
Show File	command	NETIO 6
Show File FEP	command	RN 134
Show Hardcopy Status (m-X) Zmacs	command	HARD 1
Show Hardcopy Status (m-X) Zwei	command	RN 115
Show Status	command	NETIO 6
Show Status FEP	command	RN 137, 140
Show Version	command	NETIO 6
Sort Lines (m-X) Zmacs	command	ZMACS 100
Sort Paragraphs (m-X) Zmacs	command	ZMACS 100
Sort Via Keyboard Macros (m-X) Zmacs	command	ZMACS 100
Source Compare (m-X) Zmacs	command	ZMACS 113
Source Compare (m-X) Zwei	command	RN 123
Source Compare Merge (m-X) Zmacs	command	ZMACS 113
Source Compare Newest Definition (m-X) Zmacs	command	RN 124
SPACE completion	command	ZMACS 13
SPACE Dired	command	ZMACS 136
SPACE Stepper	command	TOOLS 88
SPACE Zmacs	command	ZMACS 43
Start	command	NETIO 7
Start Patch (m-X) Zmacs	command	ZMACS 172, MAINT 34
Start Private Patch (m-X) Zmacs	command	RN 124, ZMACS 172, MAINT 34
SYSTEM F	command	FILE 67
SYSTEM T	command	3600 5
TAB Zmacs	command	ZMACS 150
Tags Multiple Query Replace (m-X) Zmacs	command	ZMACS 96
Tags Query Replace (m-X) Zmacs	command	ZMACS 95
Tags Search (m-X) Zmacs	command	ZMACS 95
Test	command	NETIO 7
Trace (m-X) Zmacs	command	ZMACS 38
U Dired	command	ZMACS 138
U Zmail	command	ZMAILT 59, ZMAILC 18
Uncomment Region (m-X) Zmacs	command	ZMACS 159
UNDATA-CONNECTION QFILE	command	PROT 96
[Universes (M)] Zmail Profile Mode	command	ZMAILC 21
Update Attribute List (m-X) Zmacs	command	ZMACS 125
Uppercase Code in Buffer (m-X) Zwei	command	RN 125
Uppercase Code in Region (m-X) Zmacs	command	ZMACS 148
Uppercase Code in Region (m-X) Zwei	command	RN 125
V Dired	command	ZMACS 137
V Font Editor	command	FED 23, 30
Variable Apropos Zmacs	command	ZMACS 193
View Buffer (m-X) Zmacs	command	ZMACS 107
View File (m-X) Zmacs	command	ZMACS 120

	Command/Status Register NETIO 70
New Zwei	command: Comment Out Region (c-X c-s) RN 125
New Zwei	command: Find Files in Tag Table (m-X) RN 125
New Zmacs	command: Resume Patch (m-X) RN 124
New Zmacs	command: Source Compare Newest Definition (m-X) RN 124
New Zmacs	command: Start Private Patch (m-X) RN 124
	Commands ZMACS 4
Buffer	Commands ZMACS 105
Package	Commands PKG 46
c-U argument to yanking	commands INED 9
Changes to Font Editor File	Commands RN 113
Changes to the Yanking	Commands INED 7
Chaosnet manipulating	commands NETIO 77
Comment	commands ZMACS 157
Comments in FEP	commands NETIO 1
Commonly Used FEP	Commands NETIO 6
Compilation	commands ZMACS 162
Completion	Commands ZMACS 42
Cursor movement	commands ZMACS 23, 51
Customizing	commands ZMAILC 7
Debugger	Commands LMS 27, TOOLS 75, 76, 77, DEBUG 9, 15
Debugger Special	Commands COND 45
Delete	commands ZMACS 25
Deletion	Commands ZMAILT 59
Dired	Commands ZMACS 132
Disk Handling	Commands NETIO 13
Editing	Commands LMS 22
Editor	commands INED 13
Editor font	commands ZMAILT 11
Editor menu	commands ZMACS 39
Evaluation	commands ZMACS 160
Extended	commands ZMACS 4, 5, 35
Extended (m-X)	commands LMS 22
FEP	Commands NETIO 6
File Manipulation	Commands ZMACS 119
File System Maintenance	Commands SITE 1
Finding Out About Zmacs	Commands ZMACS 34
FSPT Editor	Commands FILE 68, 69
FUNCTION	commands WINDOC 52
FUNCTION Key: Display and Hardcopy	Commands LMS 38
FUNCTION Key: Selection and Notification	Commands LMS 39
Hardcopy	commands HARD 1
I/O buffer	commands MENUS 72
Inspector	commands MISCT 5
ioctl System Call	Commands NETIO 99
Keyboard-only	Commands FED 31
Keyword-setting	commands ZMAILC 25
Kill	commands ZMACS 25
Less Common FEP	Commands NETIO 7
List of Zmail	commands ZMAILT 23
List the last sixty	commands ZMACS 36
Local names of	commands ZMACS 6
m-X	commands LMS 22
Mail collection	commands ZMAILC 28
Menu and Keyboard	Commands FED 29
Message deletion	commands ZMAILC 18
Message stack	commands ZMAILT 54, ZMAILC 18
Message-copying	commands ZMAILC 27
Modified mouse clicks as editor	commands RN 103
Motion	Commands ZMACS 51
Mouse-sensitive Zmacs	commands ZMACS 50
Movement	Commands ZMAILT 53
Names of	commands ZMACS 5, 34
NETWORK	commands RN 114
New Defaults for FEP	Commands RN 134
Online documentation for	commands ZMACS 34

Other	Commands ZMAILT 47
Package	commands PKG 46
Peek	commands MISCO 3
Prefix	Commands ZMACS 35
Prefix character	commands ZMACS 5
Rearranging mail sequence	commands ZMAILC 21
Reference	commands ZMAILC 21
Referenced message	commands ZMAILC 21
Region-Manipulating	Commands ZMACS 82
Reply	commands ZMAILT 35
Searching for Appropriate	Commands ZMACS 35
SELECT	commands WINDOC 53
Set	commands ZMACS 128
Shifted Mouse Clicks Can Now Be Used for Editor	Commands RN 103
Simple Movement	Commands ZMAILT 53
Substitutes for mouse	commands ZMAILT 24
Summary of Debugger	Commands DEBUG 15
Top-level yanking	commands INED 3
Undoing	commands ZMAILT 29
Useful Zmacs	Commands FLAV 63
Window	Commands ZMACS 117
Zmacs	commands LMS 22
Zmacs extended (m-X)	commands LMS 22
Zmail won't respond to	commands ZMAILT 24
Special debugger	commands TOOLS 76
Lisp input editor	commands TOOLS
Set	commands for file and buffer attributes ZMACS 127
Zmacs	commands for finding out about flavors ZMACS 202
Zmacs	commands for finding out about Lisp ZMACS 201
Zmacs	commands for finding out about the state of buffers ZMACS 201
Zmacs	commands for finding out about the state of Zmacs ZMACS 201
Zmacs	commands for interacting with Lisp ZMACS 202
Commands for manipulating files	ZMACS 119
Default File Name Changed for Major-mode-setting	Commands in Dired Buffer RN 126
	Commands Now Query About Updating File Attribute List RN 126
	Commands to Mark Regions ZMACS 80
New FEP	Commands: Add Disk-type and Clear Disk-types RN 136
Creating New	Commands: Keyboard Macros ZMACS 183
	: commas option for format:onum STR 38
Indent For	Comment ZMACS 157
Kill	Comment ZMACS 157
Indent For	Comment (c-; or m-;) TOOLS 22
Kill	Comment (c-m-;) TOOLS 22
Fill Long	Comment (m-X) TOOLS 23
Set	Comment Column ZMACS 158
Set	Comment Column (c-X ;) TOOLS 23
c-X ; (Set	Comment Column) TOOLS 23
	Comment commands ZMACS 157
	Comment dump parameter SITE 5
Assembly language	comment field INT 37
Semicolon (;)	comment indicator ZMACS 157
Down	Comment Line ZMACS 158
Indent New	Comment Line ZMACS 158
Up	Comment Line ZMACS 158
Indent New	Comment Line (m-LINE) TOOLS 23
Down	Comment Line (m-N) TOOLS 23
Up	Comment Line (m-P) TOOLS 23
m-LINE (Indent New	Comment Line) TOOLS 23
m-N (Down	Comment Line) TOOLS 23
m-P (Up	Comment Line) TOOLS 23
	Comment Out Region ZMACS 159
New Zwel command:	Comment Out Region (c-X c-;) RN 125
	Comment Out Region (c-X c-;) Zwel command RN 125

- comment** special form EVAL 22
- c-; (Indent For Comment) TOOLS 22
- c-m-; (Kill Comment) TOOLS 22
- m-; (Indent For Comment) TOOLS 22
- Commenting Code ZMACS 157
- Commenting Regions ZMACS 159
- Comments NOTA 1, TOOLS 20
- Disk label comments FILE 72
- Partition comments FILE 72
- Comments for Lisp reader RN 83
- Comments in FEP commands NETIO 1
- Comments in macros PRIM 98
- Auto Fill Lisp Comments Mode (c-m-X) Zmacs command ZMACS 180
- Streams sharing common buffers RN 89
- Greatest common denominator PRIM 72, 73
- Greatest common divisor PRIM 72
- Less Common FEP Commands NETIO 7
- Common Lisp RN 1
- Common Lisp RN 16
- Common Lisp Compatibility Package PKG 49
- Common Lisp Floating Point Exponents RN 17
- Common Lisp readtable RN 83, PRIM 99
- Common Property Lists process RN 143
- common-lisp-global** package PKG 49
- Commonly Used FEP Commands NETIO 6
- communicating with user process WINDOC 41
- Mouse process communication NETIO 7
- Keyboard communication areas 3600 19
- Communication between programs and input editor RN 63
- Standard Communication with Interfaces PROT 70
- Compact lists PRIM 29
- compact lists PRIM 49
- Source Compare ZMACS 119
- Source Compare (m-X) TOOLS 53
- Both default pathnames for Source Compare (m-X) now use **:newest** version RN 123
- Source Compare (m-X) Zmacs command ZMACS 113
- Source Compare (m-X) Zwei command RN 123
- Compare addresses 3600 24
- Source Compare Merge ZMACS 114
- Source Compare Merge (m-X) TOOLS 53
- Source Compare Merge (m-X) Zmacs command ZMACS 113
- New Zmacs command: Source Compare Newest Definition (m-X) RN 124
- Source Compare Newest Definition (m-X) Zmacs command RN 124
- Compare option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- si:** **compare-band** function SIG 34, SITE 29
- Comparing backup tapes RN 151
- Comparing file versions ZMACS 137
- Comparing Files and Buffers ZMACS 113
- comparisons PRIM 7
- Cons comparisons FLOW 56
- Keyword comparisons PRIM 6, 65
- Number comparisons PRIM 65
- Numeric comparisons PRIM 6
- Object comparisons PRIM 7
- String comparisons PRIM 7
- Maclisp compatibility COND 25
- Maclisp Array Compatibility ARR 23
- Common Lisp Compatibility Package PKG 49
- Compatibility with the Old Package System PKG 57
- Evaluation and Compilation ZMACS 160
- Compilation commands ZMACS 162
- Files That Maclisp Must Compile COMP 23
- Compile and Exit ZMACS 162
- Compile Buffer (m-X) TOOLS 66
- Compile Buffer (m-X) Zmacs command ZMACS 162

- Compile Changed Definitions (m-X) TOOLS 66
- Compile Changed Definitions (m-X) Zmacs
 - command ZMACS 162
- Compile Changed Definitions Of Buffer
 - (m-sh-C) TOOLS 66
- Compile Changed Definitions of Buffer (m-X) Zmacs
 - command ZMACS 162
- m-sh-C (Compile Changed Definitions Of Buffer) TOOLS 66
- Compile File (m-X) TOOLS 67
- Compile File (m-X) Zmacs command ZMACS 162
- compile** function COMP 3
- :compile** option for **make-system** MAINT 13
- Compile Region ZMACS 82
- Compile Region (c-sh-C) TOOLS 66
- Compile Region (m-X) Zmacs command ZMACS 82
- (Compile Region) TOOLS 66
- :compile** transformation MAINT 7
- compiler:** **compile-file** function 3600 13, 27, TOOLS 67, TOOLS 67, COMP 4
- compiler:** **compile-file-load** function 3600 13, 27, TOOLS 68, TOOLS 68, COMP 4
- compile-flavor-methods** macro FLAV 31, COND 7, TOOLS 130
- Compile-like transformations MAINT 23
- :compile-load** transformation MAINT 7
- :compile-load-init** transformation MAINT 7
- Compiled code INT 37
- Inspecting
 - compiled code INT 37
 - Compiled Code File Types 3600 13
 - compiled code files COMP 25
 - compiled code files COMP 25
 - compiled code files COMP 1
 - compiled code files COMP 25
 - compiled code files COMP 25
 - Compiled Code Files 3600 32
 - compiled code files COMP 25
 - Compiled Code Files COMP 25
 - compiled code files COMP 25
 - compiled code object MISCT 3
 - Compiled code objects COMP 1
 - Compiled code objects in compiled code files COMP 25
 - Compiled file PKG 13
 - Compiled file names ZMAILC 33
 - Compiled function pointer 3600 23
 - Compiled function storage area STOR 5
 - Compiled functions FUNC 7, 10, 11, TOOLS 63
 - Compiled object code as line item entry SCROLL 6
 - Compiled on The 3600 and the LM-2 COMP 21
 - :compiled-function** returned by **typep** PRIM 5
 - compiled-function-area** variable 3600 29, STOR 5
 - Compiler RN 1, COMP 26
 - Compiler COMP 3
 - Compiler 3600 13
 - Compiler COMP 5
 - Compiler 3600 14
 - Compiler 3600 13
 - compiler 3600 13
 - Compiler 3600 13
 - Compiler 3600 14
 - compiler COMP 19
 - Compiler COMP 1
 - compiler COMP 15
 - Compiler declarations COMP 5, 9
 - Compiler Does Not Support Various Switches 3600 32
 - compiler environments COMP 23
 - Compiler in Release 5.0 RN 5
- Inspecting
 - Arrays in
 - Compiled code objects in
 - File type for
 - Instances in
 - Lists in
 - New Function for Putting Data in
 - Numbers in
 - Putting Data in
 - Symbols in
 - Inspecting a
- Files That Must Be
 - How to Invoke the
 - Incompatible Changes: New
 - Input to the
 - Internals: New
 - Introduction: New
 - Lisp
 - New
 - New Features: New
 - Optimizer feature of the
 - The Basic Operations of the
 - Warnings from the
- Specifying
 - Changes to the Lisp Language and

- Compiler No Longer Expands Macros in a Different Area STOR 6
- Compiler not reentrant COMP 3
- Compiler now warns about implicit **progn**s in **loops** RN 82
- Effect of 3600
 - compiler on variables EVAL 3
 - compiler optimizer 3600 14
 - compiler** package PKG 49
 - Compiler performance 3600 1
 - Compiler Performs Style Checking on All Forms RN 81
- Macro expansion in
 - compiler process FUNC 10
 - Compiler Source-level Optimizers COMP 19
 - Compiler style-checker 3600 14
 - Compiler variables COMP 15
 - Compiler warnings TOOLS 60, 65, 73
- Controlling
 - Compiler Warnings COMP 15
 - Compiler Warnings (m-X) TOOLS 75
- Edit
 - Compiler Warnings (m-X) TOOLS 75
- Load
 - Compiler Warnings (m-X) Zmacs command ZMACS 163, COMP 13
- Edit
 - Compiler Warnings (m-X) Zmacs command ZMACS 163, COMP 13
- Load
 - Compiler Warnings (m-X) Zmacs command ZMACS 163, COMP 13
- Print
 - Compiler Warnings Database COMP 13
- Update
 - compiler warnings database COMP 13
 - compiler-let** macro COMP 11
- compiler:**
 - compiler-verbose** variable COMP 11
 - compiler:add-optimizer** special form COMP 19
 - compiler:compile-file** function 3600 13, 27, TOOLS 67, TOOLS 67, COMP 4
 - compiler:compile-file-load** function 3600 13, 27, TOOLS 68, TOOLS 68, COMP 4
 - compiler:compiler-verbose** variable COMP 11
 - compiler:file-declaration** function COMP 16
 - compiler:file-declare** function COMP 16
 - compiler:function-defined** function COMP 16
 - compiler:function-referenced** function COMP 16
 - compiler:functions-defined** variable COMP 15
 - compiler:functions-referenced** variable COMP 15
 - compiler:load-compiler-warnings** function COMP 13
 - compiler:make-obsolete** special form COMP 17
 - compiler:style-checker** property RN 81
- Compiling code TOOLS 63, 64
- Compiling operations on abstract types FLAV 5
- Dired
 - Complement Dont Delete Flag ZMACS 140
 - Complement logical operation PRIM 76
 - Complement mouse documentation line RN 113
- Dired
 - Complement No Reap Flag ZMACS 139
 - Complement of a universe ZMAILC 13
 - Complement screen RN 113
 - Complement window RN 113
 - Complementing the Mouse Documentation Line LMS 34
- Complete ZMACS 42
- COMPLETE LMS 37, TOOLS 8
- Self Insert and
 - Complete ZMACS 43, 44
 - Complete And Exit ZMACS 43
 - Complete And Exit If Unique ZMACS 43
 - Complete character 3600 7
 - COMPLETE completion command ZMACS 13, 42
 - [Complete Dump] File System Maintenance menu item SITE 1
 - COMPLETE key 3600 5

- :deleted** option for **fs:**
 - :in** option for **fs:**
 - :new-ok** option for **fs:**
 - :old** option for **fs:**
 - :out** option for **fs:**
 - :print** option for **fs:**
 - :read** option for **fs:**
 - :write** option for **fs:**
 - Note on **fs:**
 - fs:**
 - Continuing
 - Command
 - Command name
 - Details of
 - Directory
 - FEP command
 - Filename
 - Impossible-is-OK
 - Impossible-is-OK command
 - Rules for Successful
 - Using the HELP key with
 - c-/
c-?**
 - COMPLETE
 - END
 - HELP
 - RETURN
 - SPACE
 - Pathname
 - List
 - Default Handlers and
 - Reference Material: Default Handlers and
 - Device generic pathname
 - Directory generic pathname
 - Directory TOPS-20 pathname
 - Host generic pathname
 - Type generic pathname
 - Type ITS pathname
 - Version generic pathname
 - Version ITS pathname
 - Version TENEX pathname
 - Version TOPS-20 pathname
 - Native pathname
 - Raw pathname
 - Lowercase in pathname
 - Merging pathname
 - Other
 - Pathname
 - Uppercase in pathname
 - Values of Pathname
 - si:**
 - Band
 - World-load
 - World-load
 - Overlapping disk transfers with
- COMPLETE QFILE command PROT 123
- Complete tape dump SITE 4
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 81, FILE 24
- complete-pathname** STR 85, FILE 28
- complete-pathname** function STR 81, FILE 24
- Completed or Aborted Messages ZMAILT 46
- Completion TOOLS 8, ZMACS 12, 42
- completion ZMACS 42
- completion ZMACS 44
- Completion STR 83, FILE 26
- Completion STR 84, FILE 27
- completion LMS 7
- completion STR 79
- Completion ZMACS 43
- completion ZMACS 43
- Completion STR 85, FILE 28
- completion ZMACS 44
- Completion Apropos ZMACS 44
- completion command ZMACS 13, 44
- completion command ZMACS 13, 44
- completion command ZMACS 13, 42
- completion command ZMACS 13, 43
- completion command ZMACS 13
- completion command ZMACS 13
- completion command ZMACS 13
- Completion Commands ZMACS 42
- completion on VMS RN 109
- Completions ZMACS 44
- Complex Modularity COND 29
- Complex Modularity COND 30
- Complex transformations MAINT 23
- component FILE 15
- component FILE 15
- component FILE 46
- component FILE 15
- component FILE 15
- component FILE 48
- component FILE 15
- component FILE 48
- component FILE 46
- component FILE 46
- component case FILE 12
- component case FILE 12
- :component-systems** option for **defsystem** MAINT 3
- Components FLAV 19
- components FILE 12
- components FILE 13, 24
- Components STR 85, FILE 28
- components LMS 16
- components FILE 12
- Components FILE 7
- Components of a Menu MENUS 8
- compress** program SITE 22
- compress-band** function SITE 23
- compressing procedure SITE 23
- Compressing world loads SITE 22
- compressor 3600 32, STOR 13
- Compressor (LM-2) SITE 22
- computation INT 76
- :compute-motion** method of **tv:sheet** WINDOC 29

- sys:** %compute-page-hash function 3600 23, INT 25
- File server
Host
Standard
zwei:
- Double-precision
String
- Dumping:
Font Editor Basic
Editing: Zmail
Introduction: Zmail
- Disk event tasks that can be
- :document-proceed-type** method of
:proceed-type-p method of
:proceed-types init option for
:proceed-types method of
:report method of
:report-string method of
:set-proceed-types method of
:special-command-p method of
:special-commands method of
Signalling a
sys:wrong-type-argument
- New
New
- Creating a Set of
- :anticyclic** boundary
:clamped boundary
:cyclic boundary
:relaxed boundary
Proceedable
Binding
- Creating
- Proceeding with
- computer** FILE 1
computer crash ZMAILC 4
Computers supported by Chaosnet NETIO 36
COMSAT message ZMAILT 35
comtab ZMACS 191
:*comtab* keyword MISCUI 23
comtab variable MISCUI 23
Comtabs ZMACS 5, 191
:conc-name option for **defstruct** DEFS 7
[Concatenate] Map over menu item ZMAILC 21, 30
Concatenating constant and variable output STR 37
Concatenating messages ZMAILC 21, 30
concatenation PRIM 82
concatenation RN 16, ARR 29
Concepts FILE 57
Concepts SITE 4
Concepts FED 5
Concepts and Techniques ZMAILC 20
Concepts and Techniques ZMAILC 1
Concepts: Saving New Versions of World
Loads SITE 17
Concepts: Using the Window System WINDOC 1
Conceptual Architecture ZMAILC 3
concurrently allocated INT 59
[Cond after] menu item TOOLS 89
[Cond before] menu item TOOLS 89
[Cond break after] menu item TOOLS 89, 93
[Cond break before] menu item TOOLS 89, 93
:cond option to **trace** TOOLS 89, DEBUG 20
cond special form FLOW 3
cond-every special form FLOW 4
Condition COND 1
condition COND 49
condition COND 50
condition COND 50
condition COND 50
condition COND 50
condition COND 51
condition COND 50
condition RN 74, COND 50
condition COND 50
condition COND 1
condition COND 27
condition flavor COND 4, 49, 51, TOOLS 124
Condition flavor hierarchy COND 4
condition flavor: **fs:multiple-file-not-found** RN 69
condition flavor: **fs:rename-across-hosts** RN 70
Condition Flavors COND 4, 55
Condition Flavors COND 8
Condition Flavors Reference COND 49
condition for **:draw-cubic-spline** WINDOC 39
condition for **:draw-cubic-spline** WINDOC 39
condition for **:draw-cubic-spline** WINDOC 39
condition for **:draw-cubic-spline** WINDOC 39
condition functions COND 41
condition handlers COND 3
Condition hierarchies COND 8
Condition objects COND 1, 3, 39, 49
condition objects COND 26
:condition option for **fquery** MISCUI 10
Condition signalling INT 1
Condition system package PKG 49
condition-bind handlers COND 40
condition-bind macro TOOLS 125
condition-bind special form RN 97, COND 10, 23,
37
condition-bind-default special form COND 11, 23,

- 29
- condition-bind-default-if** special form COND 11
 - condition-bind-if** special form COND 11
 - condition-call** and **:no-error** COND 15
 - condition-call** special form RN 98, COND 14, 23
 - condition-call-if** special form RN 98, COND 15
 - condition-call: :no-error** RN 98
 - condition-case** special form RN 98, COND 12, 23
 - condition-case-if** special form COND 13
 - dbg:** **condition-handled-p** function COND 29, 30
 - Conditional branch INT 40
 - Conditional breakpoints COND 43
 - Conditional Code 3600 14
 - Conditional construct FLOW 1
 - # +** conditional expressions 3600 14
 - Conditionalization FLOW 45
 - conditionalization facility PRIM 99
 - Conditionalizing code 3600 14, 30, COMP 21
 - Conditionals FLOW 3
 - [Conditional] TOOLS 89
 - Conditions TOOLS 123, MAINT 7, 25
 - Conditions COND 3
 - Creating New Conditions COND 7
 - Debugger conditions COND 4
 - Disk Error Conditions INT 64
 - Error conditions COND 4, INT 2
 - Fundamental Conditions COND 51
 - Introduction: Signalling and Handling Conditions COND 1
 - Package-related Conditions PKG 51
 - Proceedable conditions COND 37
 - Reference Material: Signalling Conditions COND 25
 - Signalling Conditions COND 23, TOOLS 123
 - Signalling proceedable conditions COND 41
 - Signalling Simple Conditions COND 24
 - Simple conditions COND 4
 - Standard Conditions COND 51
 - Tracing Conditions COND 43
 - Using the RESUME key with floating point conditions COND 55
 - Conditions as instances of flavors COND 1
 - conditions: **:special-command-p** RN 74
 - Conditions: Conditions COND 3
 - configuration FED 5
 - Configuration ZMAILT 3
 - Configuration FED 5
 - Configuration and Drawing Transformation FED 29
 - Configuration command NETIO 6
 - Show Configuration Command Displays More Information RN 135
 - Show Configuration FEP command RN 135
 - Show Configuration Files FILE 71, NETIO 3
 - FEP configuration files FILE 71
 - Site Configuration for Dialnet RN 151
 - :configuration** init option for **tv:basic-constraint-frame** WINDOC 100
 - :configuration** method of **tv:basic-constraint-frame** WINDOC 100
 - Configuration-description-list WINDOC 93
 - Frame configurations WINDOC 87, FED 29
 - [Configure] Font Editor menu item FED 5, 29
 - Configuring and Selecting Windows ZMAILT 42
 - conflicts PKG 46
 - Package name conflicts PKG 15
 - Prog-context Conflicts MAC 17
 - Symbol name conflicts PKG 8
 - Name Conflicts: Macros MAC 15
 - Name Conflicts: Packages PKG 27
 - Conformal Indirection ARR 6
 - Conn NETIO 84

	:conn option for net:define-server	PROT 50
New function: chaos:	conn-finished-p	RN 109
chaos:	conn-finished-p function	RN 109, NETIO 90
:chaos	connect function	NETIO 84
:chaos-simple	connection	PROT 42
:pup-bsp	connection	PROT 42
:pup-datagram	connection	PROT 42
:tcp	connection	PROT 42
Closing a	connection	NETIO 53, 57, 85, 93
Establishing a	connection	NETIO 42, 53, 84, 93
Forwarded	connection	NETIO 53
Open a stream	connection	NETIO 84
QFILE	connection	PROT 85
QFILE control	connection	PROT 85
QFILE data	connection	PROT 86
R WIN window size for incoming half of this	connection	NETIO 77
Server	connection	NETIO 80
State of the	connection	NETIO 81
STATE state of the	connection	NETIO 77
Stream	connection	NETIO 53
User	connection	NETIO 80
WIN T window size for outgoing half of this	connection	NETIO 77
	Connection address in routing table	NETIO 46
	Connection cost in routing table	NETIO 46
	Connection Establishment	NETIO 53
	connection flag	NETIO 77
C	connection flag	NETIO 77
F	connection flag	NETIO 77
I	connection flag	NETIO 77
O	connection flag	NETIO 77
S	connection flag	NETIO 77
T	connection flag	NETIO 77
	Connection index	NETIO 43
IDX	connection index number	NETIO 77
	Connection interrupt functions	NETIO 90
	Connection Interrupts	NETIO 90
CLS Close	connection packet	NETIO 53
FWD Forward a request for	connection packet	NETIO 53
OPN Open	connection packet	NETIO 53
RFC Request for	connection packet	NETIO 53
	Connection Problems	COND 74
Network	connection problems	COND 74
.CSCLS TOPS-20/TENEX	connection state	NETIO 81
.CSINC TOPS-20/TENEX	connection state	NETIO 81
.CSLOS TOPS-20/TENEX	connection state	NETIO 81
.CSLSN TOPS-20/TENEX	connection state	NETIO 81
.CSOPN TOPS-20/TENEX	connection state	NETIO 81
.CSPRF TOPS-20/TENEX	connection state	NETIO 81
.CSRFC TOPS-20/TENEX	connection state	NETIO 81
.CSRFS TOPS-20/TENEX	connection state	NETIO 81
Broadcast Sent	connection state	NETIO 60, 87
Closed	connection state	NETIO 60, 87
Conn_st_closed VAX/VMS	connection state	NETIO 95
Conn_st_full VAX/VMS	connection state	NETIO 95
Conn_st_incom VAX/VMS	connection state	NETIO 95
Conn_st_los VAX/VMS	connection state	NETIO 95
Conn_st_lsn VAX/VMS	connection state	NETIO 95
Conn_st_new VAX/VMS	connection state	NETIO 95
Conn_st_open VAX/VMS	connection state	NETIO 95
Conn_st_rfcrcv VAX/VMS	connection state	NETIO 95
Conn_st_rfcsnt VAX/VMS	connection state	NETIO 95
%CSCLS ITS	connection state	NETIO 75
%CSFRN ITS	connection state	NETIO 75
%CSINC ITS	connection state	NETIO 75
%CSLOS ITS	connection state	NETIO 75
%CSLSN ITS	connection state	NETIO 75
%CSOPN ITS	connection state	NETIO 75
%CSRFC ITS	connection state	NETIO 75

- %CSRFS ITS connection state NETIO 75
- Foreign connection state NETIO 60, 87
- Incomplete Transmission connection state NETIO 60, 87
- Listening connection state NETIO 60, 87
- Lost connection state NETIO 60, 87
- Open connection state NETIO 60, 87
- RFC Received connection state NETIO 60, 87
- RFC Sent connection state NETIO 60, 87
- Connection States NETIO 60, 87
- ITS connection states NETIO 75
- TOPS-20/TENEX connection states NETIO 81
- Bridge connection type NETIO 46
- Direct connection type NETIO 46
- Fixed bridge connection type NETIO 46
- Connection type in routing table NETIO 46
- sys:** **connection-closed** flavor COND 75
- sys:** **connection-closed-locally** flavor COND 75
- sys:** **connection-error** flavor COND 74
- Connection-initiation protocols NETIO 53
- sys:** **connection-lost** flavor COND 75
- sys:** **connection-no-more-data** flavor COND 75
- sys:** **connection-refused** flavor COND 74
- Connections NETIO 41
- Foreign-protocol-mode Connections NETIO 99
- List Chaosnet connections NETIO 77
- Opening Connections NETIO 80
- Opening and Closing Connections NETIO 84
- Record-mode Connections NETIO 99
- Special Files for Creating Connections NETIO 97
- Stream-mode Connections NETIO 98
- Tty-mode Connections NETIO 99
- IOB connectors NETIO 109
- Accept Request for Connection NETIO 81
- Conn_st_closed VAX/VMS connection state NETIO 95
- Conn_st_full VAX/VMS connection state NETIO 95
- Conn_st_incom VAX/VMS connection state NETIO 95
- Conn_st_los VAX/VMS connection state NETIO 95
- Conn_st_isn VAX/VMS connection state NETIO 95
- Conn_st_new VAX/VMS connection state NETIO 95
- Conn_st_open VAX/VMS connection state NETIO 95
- Conn_st_rfcrcv VAX/VMS connection state NETIO 95
- Conn_st_rfcsnt VAX/VMS connection state NETIO 95
- Cons PRIM 1, 3, 11
- Printed representation of a cons PRIM 89
- Cons as menu item MENUS 9
- Cons as property list PRIM 39
- Cons comparisons PRIM 7
- cons** function PRIM 18, 29, INT 15
- :cons** option for **defstruct-define-type** DEFS 29, 30
- cons-in-area** function PRIM 19, STOR 1
- sys:** **cons-in-fixed-area** flavor COND 57
- Conses PRIM 12
- Memory allocation of conses PRIM 29
- Read function interpretation of conses PRIM 93
- Conses represented as pointers PRIM 29
- considerations while using multiprocessing PRIM 42
- consing areas STOR 6
- Information About Temporary Consing Areas (LM-2) STOR 6
- Print-Print consistency PKG 25
- Print-Read consistency PKG 25
- Read-Read consistency PKG 25
- Consistency Rules PKG 25
- Console WINDOC 1
- Consolidate from dump parameter SITE 5

	Consolidated tape dump	SITE 4
sys:%dpn-page-num	constant	INT 56
sys:%dpn-unit	constant	INT 56
sys:%disk-error-device-check	constant	INT 65
sys:%disk-error-ecc	constant	INT 66
sys:%disk-error-misc	constant	INT 66
sys:%disk-error-not-ready	constant	INT 65
sys:%disk-error-overflow	constant	INT 66
sys:%disk-error-search	constant	INT 66
sys:%disk-error-seek	constant	INT 66
sys:%disk-error-select	constant	INT 65
sys:%disk-error-state-machine	constant	INT 66
sys:*disk-error-codes*	constant	INT 65
Concatenating	constant and variable output	STR 37
	Constant base register	INT 44, 52
Character	constants	PRIM 99
Definitions and	Constants	INT 55
	Constants storage areas	STOR 5
	constants-area variable	3600 29, STOR 5
:ask pane	constraint	WINDOC 93
:ask-window pane	constraint	WINDOC 93
:eval pane	constraint	WINDOC 93
:even pane	constraint	WINDOC 93
:funcall pane	constraint	WINDOC 93
Flonum as a pane	constraint	WINDOC 93
Integer as a pane	constraint	WINDOC 93
	Constraint frame	WINDOC 87, 93, WINDEX 74
	constraint frame	WINDEX 30
Simple	constraint frames	WINDOC 88
Bordered	constraint frames	WINDOC 93
Sections in	constraint frames	WINDOC 93
Stacking in	Constraint Function	MENUS 61
The Optional	Constraint language	WINDOC 87, 93
tv:	constraint-frame flavor	WINDOC 89
:io-buffer init option for tv:	constraint-frame-with-shared-io-buffer	WINDOC 90
	constraint-frame-with-shared-io-buffer	flavor WINDOC 90
tv:	**constraint-node** variable	WINDOC 93
tv:	**constraint-remaining-height** variable	WINDOC 93
tv:	**constraint-remaining-width** variable	WINDOC 93
tv:	**constraint-stacking** variable	WINDOC 93
tv:	**constraint-total-height** variable	WINDOC 93
tv:	**constraint-total-width** variable	WINDOC 93
Examples of Specifications of Panes and	Constraints	WINDOC 90
Set of	constraints	WINDOC 87
Specifying Panes and	Constraints	WINDOC 93
	:constraints init option for	
	tv:basic-constraint-frame	WINDOC 90, 93
Conditional	construct	FLOW 1
Format escape	construct	STR 25
format iteration	construct	STR 25
	Constructing Items	SCROLL 5
	Constructing Line Items	SCROLL 5
	Constructing List Items	SCROLL 11
Backquote	constructing list structure	NOTA 1
String	construction	RN 65, STR 52
	Constructive Use of the Gray Plane	FED 16
Using the	Constructor and Alterant Macros	DEFS 15
	Constructor macro	DEFS 1, 7, 15
	Constructor Macros	DEFS 15, 19
By-position	Constructor Macros	DEFS 16
	:constructor option for defresource	WINDEX 58, STOR 18
	:constructor option for defstruct	DEFS 7, 16
Expressions in loop	constructs	FLOW 36

- Number of disk blocks disk array can
- Regenerate window's
 - Ether
 - File
 - Listing of tape
 - Packet
 - QFILE Packet Data
 - Invalid
 - List
 - Writing
 - Delete
 - Regenerating
 - Saving
 - The Need for Multiple
 - Exclamation point (!) line
- net:**
 - continue-service-access-path-future** function PROT 40
 - continue-whopper** function FLAV 28
 - [Continue] Zmail menu item ZMAILT 44, 46
 - Continuing Completed or Aborted Messages ZMAILT. 46
- Stretching and
- Flow and Error
 - Flow of
 - Information and
 - Introduction: Flow of
 - Keyboard under window system
 - Mouse under window system
 - Nonlocal Exits: Flow of
 - Program
 - Transfer of
- QFILE
- Returning
- Using the
- Using the
- Modem
- Chaosnet Network
- Network
- Transmission
- Lists on the
- Manipulating the
 - Alternative
 - Format
- Tilde (~) character in format
 - Exit
 - Nonlocal exit
- Contact Names NETIO 42
- contain INT 57
- content WINDEX 7
- Contention NETIO 38
- contents NETIO 6, 13
- contents TAPE 12
- Contents NETIO 44
- Contents PROT 91
- contents in cell errors COND 53
- contents of a directory ZMACS 119
- contents of files to magnetic tape SITE 4
- contents of window RN 44, WINDOC 28
- contents of windows WINDOC 5
- contents of windows WINDOC 5
- Contexts PKG 1
- continuation indicator ZMACS 20, 46
- Continue command NETIO 7
- Continue Command Sends an All-keys-up Character to Lisp RN 137
- Continue FEP command RN 137
- CONTINUE QFILE command PROT 113
- Contracting FED 21
- Contracting a character FED 29
- Control NETIO 50
- control FLOW 1
- Control NETIO 91
- Control FLOW 1
- control WINDOC 1
- control WINDOC 1
- Control FLOW 25
- control FLOW 1
- Control FLOW 13
- control** bit STR 3
- Control bits STR 3
- control connection PROT 85
- control from input editor RN 57
- CONTROL key RN 102, NOTA 1, WINDOC 41
- CONTROL key in horizontal scrolling FED 25
- CONTROL key while drawing characters FED 11
- Control over printed representation of a structure DEFS 13
- Control packets NETIO 84
- control parameters NETIO 27
- Control Program NETIO 41
- Control Program NETIO 34
- Control Protocol NETIO 68, PROT 42
- Control stack INT 1
- control stack INT 34
- control stack DEBUG 9, 15
- control strings STR 25
- control strings STR 25
- control strings STR 25
- control structures FLOW 1
- control structures FLOW 1
- Controlled packets NETIO 44, 50
- Controlling Compiler Warnings COMP 15
- Controlling garbage collection STOR 9
- Controlling the Format of **trace** Output DEBUG 23
- Controlling timeout style RN 65
- Controlling warning messages COMP 15
- Controlling When Garbage Collection Happens STOR 9

- Bit numbering convention NETIO 45
- Naming convention PRIM 3
- Additional Notation Conventions ZMACS 7
- Byte Stream Conventions PROT 79
- File name conventions FILE 1
- Init File Naming Conventions FILE 54
- Notation Conventions LMS 2
- Understanding Notation Conventions NOTA 1
- Notation Conventions Quick Reference NOTA 7
- Start a new conversation CONV 1
- Select Conversation (m-X) Zmail command ZMAILC 19
- Append Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
- Delete Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
- Select Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
- Conversations CONV 1, 3
- Sorting by Conversations Available RN 130
- Select All Conversations By References (m-X) Zmail command RN 130
- New [map Over] Menu Item: [select Conversation] RN 130
- [Select Conversation] Map Over menu item RN 130
- Converse LMS 28
- Customizing Converse CONV 7
- END and c-END swapped in Converse RN 116
- Entering Converse ZMACS 30
- Introduction: Converse CONV 1
- Using Converse CONV 3
- c-END Converse command RN 116, CONV 8
- END Converse command RN 116, CONV 8
- Converse facility RN 116
- Converse interactive message editor CONV 1
- Turning off Converse notification CONV 4
- Turning on Converse notification CONV 4
- Changes to Converse Notifications RN 117
- Converse variables CONV 7
- Interactive message system (Converse) ZMAILC 1
- zwei:** ***converse-append-p*** variable CONV 7
- zwei:** ***converse-beep-count*** variable CONV 8
- zwei:** ***converse-end-exits*** variable RN 116, CONV 8
- *converse-gagged*** CONV 4
- *converse-mode*** variable CONV 7
- *converse-mode*** variable CONV 7
- *converse-mode*** variable CONV 7
- *converse-mode*** variable CONV 7
- *converse-mode*** variable CONV 7
- *converse-mode*** variable CONV 7
- zwei:** ***converse-mode*** variable CONV 7
- Maclisp Conversion FILE 55
- Conversion of numbers PRIM 61
- Numeric Type Conversions PRIM 75
- Time Conversions MISCUI 6
- Convert number to single-precision floating-point RN 48
- Convert number to small float RN 48
- :convert-to-device-units** method of **si:make-hardcopy-stream** HARD 11
- Converting a Release 4.5 Site to Release 5.0 SIG 6
- Converting areas from dynamic to static STOR 8
- Converting logical pathname to physical pathname FILE 49, 53
- Converting numbers to double-precision floating-point RN 49
- Converting physical pathname to logical pathname FILE 53
- Converting site files SIG 6
- Graphics coordinates WINDOC 33
- Copier TAPE 9, 13
- :copier** option for **defstruct** DEFS 13

- Carbon
- Default printer for screen
- Finding Backup
- FUNCTION Q screen
- Dired
- Change in numeric arguments to
- Using
- si:
 - fs:
 - tape:
 - :byte-size option for
 - :characters option for
 - :create-directories option for
 - :report-stream option for
 - Changes to **renamef** and
- :copier option for **deconstruct-define-type** DEFS 33
- copies ZMAILT 8, 13
- copies HARD 7
- Copies of Files SITE 12
- Copy bit-save array WINDEX 59
- Copy command NETIO 7
- copy command HARD 1
- Copy File ZMACS 121
- Copy File ZMACS 137
- Copy File (m-X) RN 124
- Copy File (m-X) Zmacs command RN 28, 124, ZMACS 121, STR 68, FILE 19
- Copy message into reply ZMAILT 35, ZMAILC 19
- copy-array-contents** function RN 145, ARR 17, INT 52
- copy-array-contents-and-leader** function RN 145, ARR 17
- copy-array-portion** function RN 145, ARR 17, INT 52
- copy-array-portion** on the same array RN 145
- copy-closure** function FUNC 35
- si: **copy-disk-partition** function SIG 45
- fs: **copy-pathname-defaults** function FILE 29
- copy-readtable** function PRIM 105
- tape: **copy-tape** function TAPE 13
- copyalist** function PRIM 24
- copyf** RN 28, STR 68
- copyf** RN 28, STR 68
- copyf** RN 28, STR 68
- copyf** RN 28, STR 68
- copyf** RN 26
- copyf** function RN 28, STR 68
- Copying a Message to Another Buffer ZMAILC 27
- Copying an Array ARR 16
- Copying buffers TOOLS 58
- Copying distribution tape TAPE 13
- Copying FEP Files INT 79
- Copying file attributes RN 124
- Copying files RN 28, TOOLS 58, ZMACS 137, STR 68
- Copying instances FLAV 55
- Copying instances of the structure DEFS 13
- Copying messages ZMAILC 27
- copylist** function PRIM 23, 29
- copylist*** function PRIM 24
- copysymbol** function PRIM 59
- copytree** function PRIM 24
- Window
- Canonical
- Previously Undocumented Feature:
 - si: **coroutine-bidirectional-stream** flavor RN 92, STR 24
 - si: **coroutine-input-stream** flavor RN 92, STR 24
 - si: **coroutine-output-stream** flavor RN 92, STR 24
- Generator
 - fs: **correctable-login-problems** flavor COND 67
- Clarifications and
 - Correcting Typos ZMACS 20
 - Corrections for Release 5.0 RN 143
 - Correspondence of Canonical Types and Editor Modes FILE 19
 - cos** function PRIM 75
 - cosd** function PRIM 75
 - Cosine PRIM 74, 75
- Connection
- Data byte
 - cost in routing table NETIO 46
 - count NETIO 44

Dired Set Generation Retention Count ZMACS 139
 Forwarding count NETIO 44
 Lost Count bit NETIO 70
 count clause FLOW 42
 count keyword FLOW 42
 Count Lines Page ZMACS 38
 Count Lines Region ZMACS 38
 Count packet header field NETIO 44
 Count register NETIO 70
 Bit
sys: **%count-age-flushed-pages** meter INT 33
sys: **%count-aged-pages** meter INT 33
sys: **%count-chaos-transmit-aborts** meter INT 30
sys: **%count-cons-work** meter INT 30
si: ***count-disk-device-checks*** variable INT 67
sys: **%count-disk-ecc-corrected-errors** meter INT 32
si: ***count-disk-ecc-errors*** variable INT 67
sys: **%count-disk-errors** meter INT 32
si: ***count-disk-errors-lost*** variable INT 67
si: ***count-disk-hung-restarts*** variable INT 67
si: ***count-disk-not-ready*** variable INT 67
si: ***count-disk-other-errors*** variable INT 67
si: ***count-disk-overruns*** variable INT 67
sys: **%count-disk-page-read-operations** meter INT 31
sys: **%count-disk-page-read-operations-in-scavenger**
 meter RN 52, INT 30
sys: **%count-disk-page-read-operations-in-transporter**
 meter RN 52, INT 30
sys: **%count-disk-page-reads** meter INT 31
sys: **%count-disk-page-write-busys** meter INT 32
sys: **%count-disk-page-write-operations** meter INT 31
sys: **%count-disk-page-write-waits** meter INT 32
sys: **%count-disk-page-writes** meter INT 31
sys: **%count-disk-prepages-not-used** meter INT 32
sys: **%count-disk-prepages-used** meter INT 31
sys: **%count-disk-read-compare-differences** meter INT
 32
sys: **%count-disk-read-compare-rereads** meter INT 32
sys: **%count-disk-read-compare-rewrites** meter INT 32
sys: **%count-disk-recalibrates** meter INT 32
si: ***count-disk-search-errors*** variable INT 67
si: ***count-disk-seek-errors*** variable INT 67
si: ***count-disk-select-errors*** variable INT 67
si: ***count-disk-state-machine-errors*** variable INT 67
si: ***count-disk-stops-lost*** variable INT 67
sys: **%count-extra-pdl-ovs** meter INT 34
 The **sys:** **%count-extra-pdl-ovs** Meter (LM-2 Only) INT 34
sys: **%count-findcore-emergencies** meter INT 33
sys: **%count-findcore-steps** meter INT 33
sys: **%count-first-level-map-reloads** meter INT 31
sys: **%count-fresh-pages** meter INT 31
sys: **%count-meta-bits-map-reloads** meter INT 31
sys: **%count-pdl-buffer-memory-faults** meter INT 31
sys: **%count-pdl-buffer-read-faults** meter INT 31
sys: **%count-pdl-buffer-write-faults** meter INT 31
sys: **%count-scavenger-work** meter INT 30
sys: **%count-second-level-map-reloads** meter INT 31
si: ***count-total-disk-errors*** variable INT 67
 Time-slot counter NETIO 38
 Program counter (PC) metering RN 50
 Displaying program counters information RN 137
 counting clause FLOW 42
 counting keyword FLOW 42
 Current micro PC (CPC) status information RN 137
 font: **cpfont** font WINDOC 58
 New font: **font:** **cpfontl** RN 75
 cr PRIM 103
 :cr-not-newline-flag init option for
 tv:sheet WINDOC 23, 32

- Host computer
Finding Out Why Your Machine
More Information Available on Causes of
- Set Package (m-X) offers to
- Adding an Item to the
- crash ZMAILC 4
Crashed NETIO 14
Crashes RN 137
CRC Error bit NETIO 70
Create a byte specifier RN 50, PRIM 80
Create a new message ZMAILT 31
create a package RN 123
Create and display mouse-sensitive items MENUS 85
Create Column MENUS 39
Create Directory ZMACS 124
Create Directory (m-X) Zmacs command ZMACS 123
[Create Inferior Directory] File System Editor menu item FSED 1
Create Link ZMACS 122
Create Link (m-X) Zmacs command ZMACS 122
[Create Link] File System Editor menu item FSED 1
Create new logical host RN 37, FILE 51
Create object file for hosts in namespace PROT 25
:create option for **tv:edit-namespace-object** PROT 19
Create serial I/O stream NETIO 25
:create symbol in **:if-does-not-exist** option for **open** INT 69
:create value of **open** option **:if-does-not-exist** RN 25, STR 63
:create-data-map message INT 72
:create-directories option for **copyf** RN 28, STR 68
CREATE-DIRECTORY QFILE command PROT 114
fs: **create-directory-failure** flavor COND 69
CREATE-LINK QFILE command PROT 114
fs: **create-link-failure** flavor COND 70
:create-p option for
zwei:open-editor-stream MISCUI 20
:create-p option for
zwei:with-editor-stream MISCUI 20
:create-package proceed type COND 62, PKG 51
sys: **%create-page-physical-page** function 3600 23
sys: **%create-physical-page** function INT 25
:create-screen-array message to screens RN 79, WINDOC 9
- Debugger c-M
- creates a process RN 116
[Create] System menu item WINDOC 2
Creating a Buffer ZMACS 27
Creating a File ZMACS 29
Creating a Mail Collection ZMAILC 28
Creating a Process PROC 11
Creating a Region ZMACS 75
Creating a Set of Condition Flavors COND 8
Creating and Saving Buffers and Files ZMACS 27
Creating condition objects COND 26
- Special Files for
- Creating Connections NETIO 97
Creating files TOOLS 9
Creating Filters ZMAILC 10
Creating flavors FLAV 23, 57
Creating Hash Tables PRIM 43
Creating instances of flavors FLAV 24
Creating logical host RN 38
Creating mail collections ZMAILC 28
Creating methods FLAV 23, 57
Creating mouse-sensitive-area of screen MENUS 85
Creating new characters FED 9
Creating New Commands: Keyboard Macros ZMACS 183
Creating New Conditions COND 7
Creating new fonts FED 8
Creating Objects INT 15
Creating panes WINDOC 88

- Creating Symbols PRIM 58
- Creating Universes ZMAILC 13
- Creating whoppers FLAV 27
- Creating windows WINDOC 21
- Creating Windows LMS 15
- Creating wrappers FLAV 26
- Selecting and
 - Filter
 - Universe
 - [Abort] Filter
 - [And] Filter
 - [Before] Filter
 - [Close] Filter
 - [Current] Universe
 - [Documentation] Filter
 - [Done] Filter
 - [Loaded] Universe
 - [Not] Filter
 - [Or] Filter
 - [Sample] Filter
 - File
 - Directory
 - Serial I/O stream
- fs: creation-failure COND 69
 - fs: creation-failure flavor COND 69
- Maclisp
 - creation errors COND 69
 - creation on VMS RN 109
 - creation parameters NETIO 27
 - :creation-date FEP file property INT 74
 - :creation-date file property STR 79
 - :creation-date message STR 76
 - creation-failure COND 69
 - creation-failure flavor COND 69
 - Cross-host translation functions FILE 12
 - crunit function FILE 55
 - %CSCLS ITS connection state NETIO 75
 - %CSFRN ITS connection state NETIO 75
 - %CSINC ITS connection state NETIO 75
 - %CSLOS ITS connection state NETIO 75
 - %CSLSN ITS connection state NETIO 75
 - %CSOPN ITS connection state NETIO 75
 - %CSRFC ITS connection state NETIO 75
 - %CSRFS ITS connection state NETIO 75
- Draw a
 - cubic spline FED 29
 - Curly brackets NOTA 1
 - Current band SIG 40
 - current base RN 19
 - Current buffer ZMACS 109
 - Current buffer information ZMACS 17
 - Current font WINDOC 23, 54
 - Current history INED 1
 - current history INED 7, 9
 - current **ibase** and print in current **base** RN 19
 - Current Incompatibilities 3600 27
 - current Lisp world SIG 28, SITE 20
 - current location in register ZMACS 78
 - Current mail file ZMAILT 3
 - Current mail sequence ZMAILC 3
 - current mail sequence ZMAILC 30
 - Current meaning of mouse clicks ZMACS 49
 - Current message ZMAILT 11, ZMAILC 3, 5
 - Current Message ZMAILC 21
 - current message ZMAILT 31
 - current message ZMAILT 47
 - Current micro PC (CPC) status information RN 137
 - Current microload SIG 40
 - Current package PKG 31
 - current package PKG 31
 - Current Package PKG 31
 - Current process PROC 3
 - current process name in status line RN 148
 - Current stack frame DEBUG 9, 15
 - current stack frame DEBUG 13
 - Current stack group INT 1
- Ratios read in current **ibase** and print in
 - Display
 - Ratios read in
 - Save
 - Save
- Expunging
- Operating on Messages Referred to by the
 - Redistribute the
 - Yank the
- Change
 - The
- FUNCTION 2 W displays
- Debugger functions to return values in

- Clicking Middle Edits
 - Current String in Choose-variable-values Windows RN 105
 - sl:** **current-band** function SIG 44
 - :current-font** method of **tv:sheet** WINDOC 56
 - :current-geometry** message MENUS 16
 - :current-geometry** message **tv:menu** MENUS 14
 - sl:** **current-loaded-band** variable SIG 43
 - sl:** **current-microload** function SIG 44
 - current-process** variable PROC 3, 4
 - sys:** **%current-stack-group** variable INT 4
 - sys:** **%current-stack-group-calling-args-number** variable INT 27
 - sys:** **%current-stack-group-calling-args-pointer** variable INT 27
 - sys:** **%current-stack-group-previous-stack-group** variable INT 3
 - sys:** **%current-stack-group-state** variable INT 27
- Disk event tasks
 - currently allocated INT 59
- Argument list of
 - currently running stack group INT 27
- Number of arguments to the
 - currently running stack group INT 27
- sg-state** of
 - currently running stack group INT 27
- Keys Not
 - Currently Used LMS 43
- sys:** **currently-prepared-sheet** variable INT 29
- [Current] Universe Creation Display menu
 - item ZMAILC 13
- Cursor ZMACS 15
- Cursor ZMACS 23, 45, 50
- cursor FED 11, 12, 31
- cursor ZMACS 49
- Cursor FED 12
- cursor as an arrow MISCT 1
- Cursor Motion by Line ZMACS 56
- Cursor Motion by Lisp Expression ZMACS 53
- Cursor Motion by Page ZMACS 59
- Cursor Motion by Paragraph ZMACS 58
- Cursor Motion by Sentence ZMACS 52
- Cursor Motion by Word ZMACS 52
- Cursor motion within buffer ZMACS 60
- Cursor movement commands ZMACS 23, 51
- Cursor position WINDOC 19, 23, 27, 63
- Cursor position messages WINDOC 27, 29
- cursor speed RN 100
- cursor to beginning of line ZMACS 48
- cursorpos** function PRIM 116
- Curves FED 20
- Customizable facilities MENUS 3
- Customizable Facilities MENUS 3
- Customization Variables INED 17
- Customizing commands ZMAILC 7
- Customizing Converse CONV 7
- Customizing Debugger keystrokes COND 46
- Customizing Hardcopy Facilities HARD 7
- Customizing the Editor in Init Files ZMACS 196
- Customizing the Zmacs Environment ZMACS 177
- Customizing Zmail ZMAILC 7
- CWARNS pathname type abbreviation FILE 44
- DATIP
 - cycle NETIO 106
- DATOB
 - cycle NETIO 106
 - :cyclic** boundary condition for
 - :draw-cubic-spline** WINDOC 39
- Moving the
 - Nonmouse
 - Relocate
 - cursor ZMACS 49
 - The Nonmouse
 - Cursor FED 12
 - cursor as an arrow MISCT 1
 - Cursor Motion by Line ZMACS 56
 - Cursor Motion by Lisp Expression ZMACS 53
 - Cursor Motion by Page ZMACS 59
 - Cursor Motion by Paragraph ZMACS 58
 - Cursor Motion by Sentence ZMACS 52
 - Cursor Motion by Word ZMACS 52
 - Cursor motion within buffer ZMACS 60
 - Cursor movement commands ZMACS 23, 51
 - Cursor position WINDOC 19, 23, 27, 63
 - Cursor position messages WINDOC 27, 29
 - cursor speed RN 100
 - cursor to beginning of line ZMACS 48
 - cursorpos** function PRIM 116
- Mouse
 - Move
 - Customizable facilities MENUS 3
 - Customizable Facilities MENUS 3
 - Customization Variables INED 17
 - Customizing commands ZMAILC 7
 - Customizing Converse CONV 7
 - Customizing Debugger keystrokes COND 46
 - Customizing Hardcopy Facilities HARD 7
 - Customizing the Editor in Init Files ZMACS 196
 - Customizing the Zmacs Environment ZMACS 177
 - Customizing Zmail ZMAILC 7
 - CWARNS pathname type abbreviation FILE 44
- Drawing Lines and
 - Standard and
 - Customizable facilities MENUS 3
 - Customizable Facilities MENUS 3
 - Customization Variables INED 17
 - Customizing commands ZMAILC 7
 - Customizing Converse CONV 7
 - Customizing Debugger keystrokes COND 46
 - Customizing Hardcopy Facilities HARD 7
 - Customizing the Editor in Init Files ZMACS 196
 - Customizing the Zmacs Environment ZMACS 177
 - Customizing Zmail ZMAILC 7
 - CWARNS pathname type abbreviation FILE 44

D

D

D

- c-X NETWORK
- D (↑r Dired) TOOLS 41
- D command RN 114
- D Dired command ZMACS 138
- D exponent identifier RN 17
- D Font Editor command FED 25, 30
- D message status ZMAILT 3, 59
- c-X HELP
- D Zmacs command ZMACS 131
- D Zmacs command ZMACS 12, 35
- D Zmail command ZMAILT 59, ZMAILC 18
- ↑r Dired (c-X D) TOOLS 41
- D-IGNORE destination INT 40
- D-LAST 3600 14
- D-LAST destination INT 40
- D-NEXT destination INT 40
- D-PDL destination INT 37
- D-RETURN destination INT 37
- D2257 disk drive NETIO 13
- Color DAC boards NETIO 106
- :after daemon method FLAV 49
- :before daemon method FLAV 49
- :daemon method combination TOOLS 105, 108, 110, 111, 112, 113
- :daemon method combination type FLAV 49
- Daemon methods FLAV 19, TOOLS 110, 111
- Daemon users PROT 9
- DAT 16-bit Data packet NETIO 57
- DAT 8-bit Data packet NETIO 57
- chaos: dat-op variable PROT 91
- Data NETIO 57
- 32-bit mode data INT 55
- 36-bit mode data INT 55
- Logical end of data NETIO 57
- QFILE Data byte count NETIO 44
- QFILE Data cells available in a disk block INT 55
- QFILE data channel PROT 86
- QFILE Packet Data Circuit Terminating Equipment NETIO 23
- QFILE DIRECTORY data connection PROT 86
- New Function for Putting Data Contents PROT 91
- Putting Data Format 3600 11
- FEP file Data Format PROT 118
- DAT 16-bit Data Formats NETIO 45
- DAT 8-bit Data in Compiled Code Files 3600 32
- UNC Uncontrolled Data in Compiled Code Files COMP 25
- data map INT 72
- Bp Zwei data packet NETIO 57
- data packet NETIO 57
- data packet NETIO 57, 68
- data packets NETIO 84
- data representation type STOR 1
- data sets NETIO 23
- data structure MISCUI 20
- data structure definitions 3600 19
- data structures DEFS 1
- Displaying data structures SCROLL 1
- data Terminal Equipment NETIO 23
- data terminals NETIO 23
- data type PRIM 1, 3, INT 18
- data type 3600 20
- data type 3600 20
- data type 3600 20, INT 9
- data type 3600 20, INT 9
- data type 3600 20, INT 9
- data type 3600 20, INT 9
- data type 3600 20
- data type 3600 20
- data type 3600 20, FLAV 61, INT 9
- data type 3600 20

dtp-extended-number	data type	3600 20, INT 9
dtp-external-value-cell-pointer	data type	3600 20, INT 9
dtp-fef-pointer	data type	3600 20, INT 9
dtp-fix	data type	3600 20, INT 9
dtp-float	data type	3600 20
dtp-free	data type	3600 20, INT 9
dtp-gc-forward	data type	3600 20, INT 9
dtp-header	data type	3600 20, INT 9
dtp-header-forward	data type	INT 9
dtp-header-l	data type	3600 20
dtp-header-p	data type	3600 20
dtp-instance	data type	3600 20, FLAV 57, INT 9
dtp-instance-header	data type	3600 20, FLAV 57, INT 9
dtp-instance-variable-pointer	data type	3600 20
dtp-list	data type	3600 20, INT 9
dtp-locative	data type	3600 20, INT 9
dtp-monitor-forward	data type	3600 20
dtp-nil	data type	3600 20
dtp-null	data type	3600 20, INT 9
dtp-odd-pc	data type	3600 20
dtp-one-q-forward	data type	3600 20, INT 9
dtp-select-method	data type	3600 20, FLAV 57, INT 9
dtp-small-flonum	data type	3600 20
dtp-stack-closure	data type	3600 20
dtp-stack-group	data type	3600 20, INT 9
dtp-symbol	data type	3600 20, INT 9
dtp-symbol-header	data type	3600 20, INT 9
dtp-trap	data type	3600 20, INT 9
dtp-u-entry	data type	3600 20, INT 9
Flonum	data type	3600 15
stp-small-flonum	data type	INT 9
Destroying	data type field	INT 19
Extracting	data type field	INT 19
	Data type names	PKG 9
	Data Types	PRIM 1
Aggregate	data types	DEFS 1
Database	data types	PROT 2, 26
Lisp	Data Types	PROT 26
	Data Types of Attributes	PROT 2
New	data types:	:single-float and :double-float RN 49
	Data Types: Subprimitives	INT 9
	Data Types: Subprimitives: Software Changes	3600 20
	Data Types: the Loop Iteration Macro	FLOW 48
Transferring	Data with QFILE	PROT 87
chaos:	data-available function	NETIO 90
	DATA-CONNECTION QFILE command	PROT 95
fs:	data-error flavor	COND 66
	:data-terminal-ready serial I/O parameter	NETIO 27
	%data-type function	INT 14
	data-type function	FLAV 61, INT 9
fixnum	data-type keyword	FLOW 48
flonum	data-type keyword	FLOW 48
integer	data-type keyword	FLOW 48
notype	data-type keyword	FLOW 48
number	data-type keyword	FLOW 48
small-flonum	data-type keyword	FLOW 48
si:	data-types function	INT 12
sys:	*data-types* variable	3600 20, INT 12
Add new objects to network	database	PROT 19
Changes to	database	PROT 23
Compiler Warnings	Database	COMP 13
Edit objects in network	database	PROT 19
Functions: Network	Database	PROT 27
Introduction: Network	Database	PROT 1
Managing the Namespace	Database	PROT 21
Namespace	database	SIG 6
Network	database	RN 107, PROT 1, 35

Network not in namespace database PROT 73
 Print compiler warnings database COMP 13
 Queries to network database PROT 32
 Update compiler warnings database COMP 13
 Update the namespace database PROT 25
 Updates to network database PROT 32
 User interface to the Network Database PROT 19
 Network database attributes HARD 3, 4, 5
 Network Database Attributes Relating to Printers HARD 3
 Database classes SIG 2
 Database data types PROT 2, 26
 Database deletion request PROT 32
 Database descriptor files PROT 21
 Database object attributes PROT 22
 Database objects SIG 2
 Datagram Media PROT 54
 :datagram medium PROT 82
 Datagram Protocol NETIO 68
 datagram protocols PROT 82
 datagrams PROT 42
 Date MISCUI 1
 date ZMAILT 3
 Date and time NETIO 3
 date directives STR 25
 date directory last expunged indicator FSED 5
 date dumped dump parameter SITE 5
 Date field ZMAILT 37
 Date formats MISCUI 1, 3, 4
 :date option for **prompt-and-read** RN 85, MISCUI 13
 :date variable type MENU 59
 Date Zmail display column heading ZMAILT 3
 :date-or-never option for **prompt-and-read** RN 85,
 MISCUI 13
 :date-or-never variable type MENU 59
 Dates and Times MISCUI 1
 Dates and Times MISCUI 3
 Dates and Times MISCUI 4
 DATIP cycle NETIO 106
 DATOB cycle NETIO 106
 day MISCUI 1
 Time of day-of-the-week-representation MISCUI 7, 8
 :french day-of-the-week-representation MISCUI 7, 8
 :german day-of-the-week-representation MISCUI 7, 8
 :italian day-of-the-week-representation MISCUI 7, 8
 :long day-of-the-week-representation MISCUI 7, 8
 :medium day-of-the-week-representation MISCUI 7, 8
 :roman day-of-the-week-representation MISCUI 8
 :short day-of-the-week-representation MISCUI 7, 8
 time: day-of-the-week-string function MISCUI 7
 time: daylight-savings-p function MISCUI 7
 time: daylight-savings-time-p function MISCUI 7
 Days of the week MISCUI 1
 dbg function TOOLS 92, DEBUG 1
 dbg package PKG 49
 New variable: dbg:*debug-io-override* RN 74
 dbg:*debug-io-override* variable RN 74, DEBUG
 14, STR 18
 dbg:*defer-package-dwim* variable DEBUG 14
 dbg:*frame* variable DEBUG 13
 dbg:*interactive-handlers* variable COND 31
 dbg:*proceed-type-special-keys* variable COND 48
 dbg:*show-backtrace* variable DEBUG 14
 dbg:*special-command-special-keys*
 variable COND 48
 dbg:arg function DEBUG 13
 dbg:bad-array-mixin flavor COND 60
 dbg:clear-mar function DEBUG 37
 dbg:condition-handled-p function COND 29, 30
 dbg:debugger-condition flavor COND 23, 31, 49,

- 52
- dbg:decode-micro-pc** function RN 137, NETIO 15
 - dbg:frame-active-p** function COND 18
 - dbg:frame-arg-value** function COND 19
 - dbg:frame-local-value** function COND 20
 - dbg:frame-next-active-frame** function COND 17
 - dbg:frame-next-interesting-active-frame** function COND 17
 - dbg:frame-next-nth-active-frame** function COND 18
 - dbg:frame-next-nth-interesting-active-frame** function COND 18
 - dbg:frame-next-nth-open-frame** function COND 18
 - dbg:frame-next-open-frame** function COND 17
 - dbg:frame-number-of-locals** function COND 20
 - dbg:frame-number-of-spread-args** function COND 19
 - dbg:frame-out-to-interesting-active-frame** function COND 18
 - dbg:frame-previous-active-frame** function COND 17
 - dbg:frame-previous-interesting-active-frame** function COND 18
 - dbg:frame-previous-open-frame** function COND 18
 - dbg:frame-real-function** function COND 19
 - dbg:frame-real-value-disposition** function COND 20
 - dbg:frame-self-value** function COND 20
 - dbg:frame-total-number-of-args** function COND 19
 - dbg:fun** function DEBUG 13
 - dbg:get-frame-function-and-args** function COND 17
 - dbg:invoke-restart-handlers** function COND 36
 - dbg:loc** function DEBUG 13
 - dbg:mar-mode** function DEBUG 37
 - dbg:print-frame-locals** function COND 21
 - dbg:print-function-and-args** function COND 20
 - dbg:proceedable-ferror** flavor COND 52
 - dbg:set-mar** function DEBUG 37
 - dbg:special-commands-mixin** flavor COND 45
 - dbg:val** function DEBUG 13
 - dbg:with-erring-frame** macro COND 16, 17
 - DCE NETIO 23
 - DCLO signal NETIO 106
 - :deactivate** message **tv:menu** MENUS 23, 101
 - Dead arrays ARR 23
 - Dealing with Variables PRIM 55
 - Special Forms for
 - netl:**
 - si:**
 - Functions moved from the **si** package to **global:**
 - deallocate-whole-resource, map-resource** RN 13
 - deallocate_pkt** function NETIO 94
 - Deallocating allocated objects of a resource RN 13, STOR 20
 - debug-io** variable STR 18
 - New variable: **dbg:**
 - dbg:**
 - *debug-io-override*** RN 74
 - *debug-io-override*** variable RN 74, DEBUG 14, STR 18
 - Debugger LMS 8, 26, COND 24, 37, 43, TOOLS 73, 75, 91, DEBUG 1
 - c-Z In the
 - Debugger DEBUG 9, 15
 - Display Debugger TOOLS 75
 - Entering Debugger COND 52
 - Entering the Debugger DEBUG 1
 - Exiting from Debugger ZMAILT 24
 - Functions used inside the Debugger DEBUG 13
 - Hardware/microcode debugger SITE 31
 - How to Use the Debugger DEBUG 5
 - m-SUSPEND selects frame with **break** read function for

- Debugger RN 116
- The
 - Debugger LMS 26
 - HELP key in the
 - Debugger 26 LMS
 - Debugger Bug Reports COND 44
 - Debugger c-M creates a process RN 116
 - ABORT
 - Debugger command DEBUG 9, 15
 - c-A
 - Debugger command TOOLS 77, DEBUG 15
 - c-B
 - Debugger command DEBUG 9, 15
 - c-C
 - Debugger command DEBUG 9, 15
 - c-E
 - Debugger command TOOLS 77, DEBUG 9, 15
 - c-G
 - Debugger command DEBUG 5
 - c-HELP
 - Debugger command TOOLS 76, DEBUG 9, 15
 - c-L
 - Debugger command TOOLS 77, DEBUG 9, 15
 - c-M
 - Debugger command RN 116, COND 44, DEBUG 9, 15
 - c-m-A
 - Debugger command DEBUG 9, 15
 - c-m-B
 - Debugger command DEBUG 9, 15
 - c-m-F
 - Debugger command DEBUG 9, 15
 - c-m-H
 - Debugger command DEBUG 9, 15
 - c-m-L
 - Debugger command DEBUG 9, 15
 - c-m-N
 - Debugger command DEBUG 9, 15
 - c-m-P
 - Debugger command DEBUG 9, 15
 - c-m-R
 - Debugger command TOOLS 77, DEBUG 9, 15
 - c-m-S
 - Debugger command DEBUG 9, 15
 - c-m-U
 - Debugger command DEBUG 9, 15
 - c-m-V
 - Debugger command DEBUG 9, 15
 - c-m-W
 - Debugger command TOOLS 75, 77, DEBUG 9, 15
 - c-m-X
 - Debugger command DEBUG 9, 15
 - c-N
 - Debugger command TOOLS 77, DEBUG 9, 15
 - c-P
 - Debugger command TOOLS 77, DEBUG 9, 15
 - c-R
 - Debugger command TOOLS 77, DEBUG 9, 15
 - c-S
 - Debugger command DEBUG 9, 15
 - c-sh-P
 - Debugger command DEBUG 9, 15
 - c-T
 - Debugger command DEBUG 9, 15
 - c-X
 - Debugger command DEBUG 9, 15
 - HELP
 - Debugger command DEBUG 9, 15
 - m-<
 - Debugger command DEBUG 9, 15
 - m->
 - Debugger command DEBUG 9, 15
 - m-B
 - Debugger command TOOLS 77, DEBUG 9, 15
 - m-BREAK
 - Debugger command COND 52
 - m-C
 - Debugger command DEBUG 9, 15
 - m-I
 - Debugger command DEBUG 9, 13, 15
 - m-L
 - Debugger command TOOLS 77, DEBUG 9, 15
 - m-N
 - Debugger command DEBUG 9, 15
 - m-P
 - Debugger command DEBUG 9, 15
 - m-S
 - Debugger command DEBUG 5, 9, 15
 - m-X
 - Debugger command DEBUG 9, 15
 - RESUME
 - Debugger command DEBUG 9, 15
 - Debugger Commands LMS 27, TOOLS 75, 76, 77, DEBUG 9, 15
 - Summary of
 - Debugger Commands DEBUG 15
 - Special
 - debugger commands TOOLS 76
 - Debugger conditions COND 4
 - Debugger functions to return values in current stack frame DEBUG 13
 - Debugger help facilities LMS 26
 - Customizing
 - Debugger keystrokes COND 46
 - debugger** package PKG 49
 - Change in
 - Debugger special command for **fs:directory-not-found** RN 98
 - Debugger Special Commands COND 45
 - dbg:**
 - debugger-condition** flavor COND 23, 31, 49, 52
 - Debugging TOOLS 73
 - Summary of
 - Debugging Aids DEBUG 17
 - si:encapsulated-definition**
 - debugging info alist element FUNC 24
 - Debugging info alist functions FUNC 7, 16, 22, 24
 - Aid for
 - Debugging Macros MAC 27
 - debugging-info** function FUNC 7, 22

- [Decache] File System Editor menu item FSED 1
 [DeCache] Inspector menu item MISCT 1, 5
def macro MAC 37
 decimal integer STR 25
 decimal point PRIM 90
:decimal-number option for **prompt-and-read** RN 85, MISCUI 13
:decimal-number variable type MENUS 59
:decimal-number-or-nil option for **prompt-and-read** RN 85, MISCUI 13
:decimal-number-or-nil variable type MENUS 59
 Declaration COMP 9
 declaration RN 145
 declaration RN 145
 declaration FUNC 19
 declaration file PKG 32, 53
 declarations COMP 5, 9
declare COMP 6
declare and **eval-when** COMP 6
declare special form COMP 6, 8
declare-flavor-instance-variables macro FLAV 34
decode-micro-pc function RN 137, NETIO 15
decode-universal-time function MISCUI 6
:decode-variable-type message
tv:basic-choose-variable-values MENUS 69
:decode-variable-type method MENUS 69
 Decoding Macro Pcs NETIO 16
 Decoding Message MENUS 69
 Decoding Method MENUS 69
 Decoding Micro Pcs NETIO 14
decompose function ARR 20
 Decrementing generalized variables MAC 37
 Decrypt Buffer ZMACS 108
 Decrypt Buffer (m-X) Zmacs command ZMACS 108
 Decrypt Msg (m-X) Zmail command ZMAILT 11
 Decrypt Text (m-X) Zmail command ZMAILT 11
:deexpose message WINDOC 6
:deexpose message **tv:menu** MENUS 101
 Deexposed screens WINDOC 6
 Deexposed typein action WINDOC 17
 deexposed typein action WINDOC 17
 deexposed typein action WINDOC 17
 Deexposed timeout action WINDOC 9, 13
 deexposed timeout action WINDOC 9
 deexposed timeout action WINDOC 9
 deexposed timeout action WINDOC 9
 deexposed timeout action WINDOC 9
 deexposed timeout action WINDOC 9
 deexposed timeout action WINDOC 9
 deexposed timeout option WINDOC 13
 Deexposed windows WINDOC 9, 13
:deexposed-typein-action init option for **tv:sheet** WINDOC 31
:deexposed-typein-action method of **tv:sheet** WINDOC 31
:deexposed-typeout-action init option for **tv:sheet** WINDOC 31
:deexposed-typeout-action method of **tv:sheet** WINDOC 31
def special form FUNC 13
 Default RN 121
 Default ZMACS 194
 Default INED 11
 Default area to allocate disk arrays INT 57
 Default column position ZMACS 57
 Default File Name Changed for Commands in Dired Buffer RN 126
 Default font WINDOC 58
 Default Font Format Now Bfd RN 113
- Print number as Trailing
- How to use the **sys:function-parent**
sys:function-parent
 Using the **sys:function-parent**
 System Compiler
- dbg:**
time:
- Type
 Adding a Type
- math:**
- :normal**
:notify
- :error**
:expose
:normal
:notify
:permit
:permit
- Dumper Restarting and Append-to-tape
 One Window
 The Displayed

- Personal default fonts HARD 1, 7
 Default forms of lambda-list parameters EVAL 11
- Maclisp **default** function FILE 55
 Default handlers RN 97, COND 23, 24
 Default Handlers and Complex Modularity COND 29
- Reference Material: Default Handlers and Complex Modularity COND 30
 Recursion in Bound and Default Handlers Eliminated RN 97
 Site default hardcopy device HARD 1
 New Default LMFS Translation Table for Sys Hosts RN 119
 Default mail file ZMAILC 3, 4
 Default mail file names ZMAILC 33
 Default major mode ZMACS 182
:default method type FLAV 49
 Default mouse handler WINDEX 16
 Default move-destination file ZMAILC 20
:default option for **zwei:open-editor-stream** MISCU 20
- Both default pathnames* for Source Compare (m-X) now use **:newest** version RN 123
 Default Pathnames in Dired ZMACS 134
- Select Default Previous Buffer ZMACS 105
 Move to Default Previous Point ZMACS 76
 Move to Default Previous Point (m-X) Zmail command ZMAILT 54
 Default printer HARD 7
 Default printer for screen copies HARD 7
 DEFAULT QFILE OPEN option PROT 99
- New Default Representations for Newest and Oldest Logical Pathname Versions RN 35
- Changing default selections for tape access TAPE 11
 Default surface type FILE 17
 Default type FILE 13
 Default values for instance variables FLAV 13, 19
 Default version FILE 13
 Default windows LMS 15
default-bitmap-printer site object attribute HARD 4
default-bitmap-printer: site object attribute PROT 16
default-cons-area variable STOR 1, 2, 4, 6
- Set Default-disk-unit command NETIO 7
 Default-finishing-choices MENUS 52
:default-font init option for **tv:menu** MENUS 22, 98
:default-font keyword to
sl:*hardcopy-default-fonts* HARD 7
default-font printer attribute HARD 5
default-font: printer object attribute PROT 15
- Use of **:default-handler** on the 3600 system FLAV 40
:default-handler option for **defflavor** FLAV 35, 40
:default-init-plist option for **defflavor** FLAV 35
:default-init-plist option to **defflavor** TOOLS 108
- fs:** **default-pathname** function FILE 29
fs: ***default-pathname-defaults*** variable FILE 15
:default-pointer option for **defstruct** DEFS 7
default-printer site object attribute HARD 4
default-printer: site object attribute PROT 16
:default-services message PROT 76
:default-value option to **make-plane** RN 80, ARR 21
- tv:** **defaulted-multiple-menu-choose** function MENUS 48
- Special Defaulting of the Name STR 83, FILE 26
 Special Defaulting of the Type STR 84, FILE 27
- Font Editor file type defaults RN 113
 Manipulating defaults FILE 23
 Pathname defaults FILE 13, 24
 Defaults alist FILE 13, 15
 Defaults and Merging FILE 13
- New Defaults for FEP Commands RN 134

- New special form:
- dbg:**
 - :accessor-prefix** option for
 - :combination** symbol in **:documentation** option to
 - :default-handler** option for
 - :default-init-plist** option for
 - :default-init-plist** option to
 - :documentation** option for
 - :documentation** option to
 - :essential-mixin** symbol in **:documentation** option to
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** FLAV 35, 40
 - defflavor** FLAV 35
 - defflavor** TOOLS 108
 - defflavor** FLAV 35
 - defflavor** TOOLS 131
 - defflavor** FLAV 13, 35, 57, COND 7
 - defflavor** TOOLS 105
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** FLAV 13, 35, COND 7
 - :lowlevel-mixin** symbol in **:documentation** option to
 - defflavor** FLAV 35, 49
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** RN 54, FLAV 38
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** TOOLS 108
 - defflavor** RN 54, FLAV 36
 - defflavor** FLAV 35
 - defflavor** FLAV 35
 - defflavor** TOOLS 105
 - defflavor** FLAV 35
 - defflavor** FLAV 13, 35, 57
 - :special-purpose** symbol in **:documentation** option to
 - defflavor** FLAV 35
 - defflavor** macro FLAV 13, 19, 23, 57, TOOLS 105, 108
 - defflavor** Options FLAV 35
 - defflavor: :mixture** RN 54
 - defflavor: :required-init-keywords** RN 53
 - defformat** RN 56
 - defformat** special form RN 56, WINDEX 48, STR 36
 - deffunction** special form MAC 4
 - define-canonical-type** special form FILE 30
 - define-defsystem-special-variable** special form MAINT 23
 - define-file-protocol** macro PROT 53
 - define-loop-macro** macro FLOW 48
 - define-loop-path** macro FLOW 56
 - define-loop-sequence-path** macro FLOW 55
 - define-make-system-special-variable** special form MAINT 22
 - define-medium** macro PROT 76
 - define-medium** special form PROT 43
 - define-protocol** PROT 48
 - define-protocol** PROT 48
 - define-protocol** PROT 48
 - define-protocol** PROT 48
 - define-protocol** PROT 48
 - define-protocol** special form PROT 48, 76
 - define-server** PROT 50
 - :desirability** option for **net:**
 - :invoke** option for **net:**
 - :invoke-with-stream** option for **net:**
 - :invoke-with-stream-and-close** option for **net:**
 - :property** option for **net:**
 - net:**
 - :accept-p** stream option for **net:**
- New option for
- New option for
- New special form: **format:**
- format:**
- fs:**
- si:**
- fs:**
- si:**
- net:**
- net:**
- :desirability** option for **net:**
- :invoke** option for **net:**
- :invoke-with-stream** option for **net:**
- :invoke-with-stream-and-close** option for **net:**
- :property** option for **net:**
- net:**
- :accept-p** stream option for **net:**

- :ascii-translation** stream option for **net:**
 - :conn** option for **net:**
 - :direction** stream option for **net:**
 - :host** option for **net:**
 - :medium** option for **net:**
 - :network** option for **net:**
 - :no-eof** option for **net:**
 - :reject-unless-secure** option for **net:**
 - :request-array** option for **net:**
 - :response-array** option for **net:**
 - :secure-p** option for **net:**
 - :stream** option for **net:**
 - :who-line** option for **net:**
 - net:**
 - si:**
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** PROT 50
 - define-server** special form PROT 50
 - define-simple-transformation** special form MAINT 23
 - define-site-variable** special form PROT 28
 - define-symbol-macro** RN 53
 - define-symbol-macro** special form RN 53, MAC 13
 - define-user-option** special form MENUS 66
 - define-user-option-alist** special form MENUS 66
 - Defined Media PROT 53
 - Defined Services and Protocols PROT 54
 - Defining a Choose Variable Values Window MENUS 71
 - Defining a **format** directive RN 56
 - Defining a Network PROT 73
 - Defining a Package PKG 32
 - Defining a Pseudosystem TAPE 19
 - Defining a System MAINT 3
 - Defining Choose Variable Values Types MENUS 69
 - Defining family of flavors RN 54
 - Defining flavors FLAV 23, 57
 - Defining function specs FUNC 1
 - Defining functions FUNC 1, 4, 11
 - Defining Macros MAC 5
 - defining macros DEFS 1
 - Defining Message Search Spaces ZMAILC 13
 - Defining methods FLAV 23, 57
 - Defining Paths FLOW 56
 - Defining Protocols PROT 48
 - Defining special forms MAC 20
 - Defining special variables EVAL 9
 - Defining User Option Variables MENUS 66
 - Defining whoppers FLAV 27
 - Defining wrappers FLAV 26
 - Definition RN 145, PRIM 1, FUNC 1, 19
 - Definition FLOW 58
 - Definition ZMACS 55
 - Definition ZMACS 166
 - Definition ZMACS 56
 - definition 3600 19
 - Definition MAINT 11
 - Definition ZMACS 80
 - Definition FLAV 57
 - Definition ZMACS 48
 - definition PRIM 55
 - Definition (c-m-H) TOOLS 57
 - Definition (m-.) TOOLS 36, 130, 131
 - Definition (m-X) RN 124
 - Definition (m-X) Zmacs command RN 124
 - Definition Command ZMACS 166
 - Definition Example MENUS 71
 - Definition history INED 5
 - Definition names FUNC 18
 - definition of a function ZMACS 11, MISCU 1
 - definition of the function spec FUNC 1, 24
 - definition record for **host** PROT 30
- New special form:
- Aids for Macro
 - Functions for
 - An Example Path
 - Beginning Of
 - Edit
 - End Of
 - Instruction set
 - Loading the System
 - Mark
 - Order of
 - Positioning Window Around
 - Symbol
 - Mark
 - Edit
 - New Zmacs command: Source Compare Newest
 - Source Compare Newest
 - Edit
 - tv:choose-variable-values** Type
 - Editing the
 - Basic
 - Class

- Edit
 - c-m-H (Mark
 - m-. (Edit
 - Data structure
 - Formatted print of function
 - How Programs Manipulate
 - Object
 - Overview and
 - Selective evaluation in macro
 - Simple Function
 - Storage Layout
 - Compile Changed
 - Edit Changed
 - Evaluate Changed
 - List Changed
 - Changes to Add Patch Changed
 - Add Patch Changed
 - Compile Changed
 - Edit Changed
 - Evaluate Changed
 - List
 - Compile Changed
 - Evaluate Changed
 - Changes to Add Patch
 - Edit Changed
 - List Changed
 - Add Patch Changed
 - Compile Changed
 - Edit Changed
 - Evaluate Changed
 - List Changed
 - m-sh-C (Compile Changed
 - m-sh-E (Evaluate Changed
- Definition types RN 145, FUNC 19
- Definition Zmacs command FLAV 63
- Definition) TOOLS 57
- Definition) TOOLS 36, 130, 131
- definitions 3600 19
- definitions STR 42
- Definitions FUNC 16
- Definitions PROT 5
- Definitions COND 1
- definitions MAC 7
- Definitions FUNC 4
- Definitions INT 20
- Definitions (m-X) TOOLS 66
- Definitions (m-X) TOOLS 52
- Definitions (m-X) TOOLS 70
- Definitions (m-X) TOOLS 52
- Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Definitions (m-X) Zmacs command RN 123, ZMACS 173
- Definitions (m-X) Zmacs command ZMACS 162
- Definitions (m-X) Zmacs command ZMACS 167
- Definitions (m-X) Zmacs command ZMACS 161
- Definitions (m-X) Zmacs command ZMACS 168
- Definitions and Constants INT 55
- Definitions Of Buffer (m-sh-C) TOOLS 66
- Definitions Of Buffer (m-sh-E) TOOLS 70
- Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Definitions Of Buffer (m-X) TOOLS 52
- Definitions Of Buffer (m-X) TOOLS 52
- Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
- Definitions of Buffer (m-X) Zmacs command ZMACS 162
- Definitions of Buffer (m-X) Zmacs command ZMACS 168
- Definitions of Buffer (m-X) Zmacs command ZMACS 161
- Definitions of Buffer (m-X) Zmacs command ZMACS 169
- Definitions Of Buffer) TOOLS 66
- Definitions Of Buffer) TOOLS 70
- Definitions of functions FUNC 16, COMP 23
- deflambda-macro** special form MAC 4
- deflambda-macro-displace** special form MAC 4
- defmacro** MAC 5
- defmacro** MAC 31
- defmacro** MAC 31
- defmacro** MAC 31
- defmacro** MAC 31
- defmacro** MAC 31
- defmacro** MAC 31
- defmacro** macro MAC 5
- defmacro** special form FUNC 11
- defmacro-displace** macro MAC 30
- defmajor** ZMACS 182
- defmajor** and **zwei: defminor** RN 127
- defmajor** macro RN 127
- defmethod** macro FLAV 13, 23, 58
- defmethod** special form FUNC 1
- DEFMIC > file INT 44
- Internal changes to macros **zwei: defmajor** and **zwei: defminor** RN 127
- zwei: defminor** macro RN 127
- :colon-mode** option for
- :export** option for
- :external-only** option for
- defpackage** PKG 19, 33
- defpackage** PKG 7, 33
- defpackage** PKG 33

- :hash-inherited-symbols** option for
- :import** option for
- :import-from** option for
- :include** option for
- :new-symbol-function** option for
- :nicknames** option for
- :prefix-intern-function** option for
- :prefix-name** option for
- :relative-names** option for
- :relative-names-for-me** option for
- :shadow** option for
- :shadow-import** option for
- :shadowing-import** option for
- :size** option for
- :use** option for
- New special form:
 - defpackage** PKG 33
 - defpackage** PKG 7, 33
 - defpackage** PKG 7, 33
 - defpackage** PKG 33
 - defpackage** PKG 33
 - defpackage** PKG 33
 - defpackage** PKG 33
 - defpackage** PKG 33
 - defpackage** PKG 16, 33
 - defpackage** PKG 16, 33
 - defpackage** PKG 8, 33
 - defpackage** PKG 33
 - defpackage** PKG 7, 8
 - defpackage** PKG 33
 - defpackage** PKG 4, 33
 - defpackage** RN 7
 - defpackage** special form RN 7, PKG 32, 33
 - defprop** special form PRIM 41
 - defpseudo-system** special form TAPE 9, 19
- dis:**
 - :checker** option for
 - :constructor** option for
 - :finder** option for
 - :free-list-size** option for
 - :initial-copies** option for
 - :initializer** option for
 - :make-window** option for
 - :matcher** option for
 - :reusable-when** option for
- :alterant** option for
- :array** symbol in **:type** option to
- :array-leader** symbol in **:type** option to
- :but-first** option for
- :callable-accessors** option for
- :conc-name** option for
- :constructor** option for
- :copier** option for
- :default-pointer** option for
- :displace** option for
- :eval-when** option for
- :fixnum** symbol in **:type** option to
- :fixnum-array** symbol in **:type** option to
- :flonum-array** symbol in **:type** option to
- :grouped-array** symbol in **:type** option to
- :include** option for
- :initial-offset** option for
- :list** symbol in **:type** option to
- :make-array** option for
- :named** option for
- :named-array** symbol in **:type** option to
- :named-array-leader** symbol in **:type** option to
- :named-list** symbol in **:type** option to
- :predicate** option for
- :print** option for
- :property** option for
- :size-macro** option for
- :size-symbol** option for
- :times** option for
- :tree** symbol in **:type** option to
- :type** option for
- Extensions to
- How to Use
- Options to
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7, 16
 - defstruct** DEFS 13
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 13
 - defstruct** DEFS 13
 - defstruct** DEFS 7, 27
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 7
 - defstruct** DEFS 29
 - defstruct** DEFS 5
 - defstruct** DEFS 7
 - defstruct** function FLAV 5
 - defstruct** macro MAC 7, DEFS 5, 19
 - :defstruct** option for **defstruct-define-type** DEFS

- 30
- :cons** option for
 - :copier** option for
 - :defstruct** option for
 - :keywords** option for
 - :named** option for
 - :overhead** option for
 - :predicate** option for
 - :ref** option for
 - An Example of
 - Options to
 - Syntax of
 - si:**
 - The **si:**
 - sys:**
 - :bug-reports** option for
 - :component-systems** option for
 - :initial-status** option for
 - :maintaining-sites** option for
 - :module** option for
 - :name** option for
 - :not-in-disk-label** option for
 - :package** option for
 - :patchable** option for
 - :pathname-default** option for
 - :short-name** option for
 - Adding New Options to
 - Removing a
 - Propagation
 - :delayed-set-label** method of **tv:**
 - :update-label** method of **tv:**
 - tv:**
 - tv:**
 - delaying-screen-management** special form WINDOC 13, 16
 - delete** PRIM 103
 - Dired
 - Delete ZMACS 138
 - Delete Blank Lines ZMACS 26, 153
 - Delete character 3600 5, 7, WINDOC 28
 - Delete commands ZMACS 25
 - Delete contents of window RN 44, WINDOC 28
 - Delete Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
 - Delete Duplicate Msgs (m-X) Zmail command ZMAILT 59, ZMAILC 18
 - defstruct-define-type** DEFS 29, 30
 - defstruct-define-type** DEFS 33
 - defstruct-define-type** DEFS 30
 - defstruct-define-type** DEFS 30
 - defstruct-define-type** DEFS 30
 - defstruct-define-type** DEFS 30
 - defstruct-define-type** DEFS 32
 - defstruct-define-type** DEFS 29, 30
 - defstruct-define-type** DEFS 29
 - defstruct-define-type** DEFS 30
 - defstruct-define-type** DEFS 30
 - defstruct-define-type** macro DEFS 29
 - defstruct-description** property DEFS 5, 27
 - defstruct-description** Structure DEFS 27
 - defstruct-slot-description** structure DEFS 27
 - defsubs** special form FUNC 11
 - defsubst** MAC 11
 - defsubst** special form MAC 11
 - defsubst-with-parent** macro RN 145, FUNC 19
 - defsystem** MAINT 3, ZMAILT 33
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 3, 27, 30
 - defsystem** MAINT 3
 - defsystem** MAINT 3
 - defsystem** MAINT 23
 - defsystem** macro TOOLS 54
 - defsystem** special form MAINT 3, 27, TAPE 9
 - defun** special form FUNC 1, 4, 11, COMP 23
 - defun-method** FLAV 30
 - defun-method** special form 3600 17, FLAV 29, 30
 - defunp** macro FUNC 6, 11
 - defvar** macro TOOLS 15, 64
 - defvar** special form EVAL 9
 - defwhopper** special form FLAV 28
 - defwindow-resource** macro TOOLS 117
 - defwindow-resource** special form WINDEX 56, 58
 - defwrapper** macro FLAV 26
 - Degrees in trigonometric functions PRIM 74, 75
 - Deinstall Macro (m-X) TOOLS 59
 - Deinstall Macro (m-X) Zmacs command ZMACS 186
 - del** function PRIM 35
 - del-if** function PRIM 37
 - del-if-not** function PRIM 37
 - delay time NETIO 38
 - delayed-redisplay-label-mixin** WINDOC 87
 - delayed-redisplay-label-mixin** WINDOC 87
 - delayed-redisplay-label-mixin** flavor WINDOC 87
 - :delayed-set-label** method of
 - tv:delayed-redisplay-label-mixin** WINDOC 87
 - delete** PRIM 103
 - Delete ZMACS 138
 - Delete Blank Lines ZMACS 26, 153
 - Delete character 3600 5, 7, WINDOC 28
 - Delete commands ZMACS 25
 - Delete contents of window RN 44, WINDOC 28
 - Delete Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
 - Delete Duplicate Msgs (m-X) Zmail command ZMAILT 59, ZMAILC 18

• character, do not
Dired Complement Dont

Delete File ZMACS 122, STR 67
Delete File (m-X) Zmacs command ZMACS 122
delete file flag FSED 5
Delete Flag ZMACS 140
Delete Forward ZMACS 25, 66
delete function PRIM 34
Delete Horizontal Space ZMACS 26
Delete Indentation ZMACS 26, 152
delete indicator PROT 32
DELETE key 3600 3
Delete line WINDOC 28
:delete message STR 77
DELETE QFILE command PROT 111
Delete Referenced Msgs (m-X) Zmail
command ZMAILC 18, 21
Delete string WINDOC 28
Delete the next address ZMAILT 47
Delete the previous address ZMAILT 47
Delete to end of line RN 44, WINDOC 28
Delete to end of window RN 44, WINDOC 28
Delete useless headers ZMAILT 47
:delete-char method of **tv:sheet** WINDOC 28
fs: **delete-failure** COND 71
fs: **delete-failure** flavor COND 71
delete-initialization function INIT 2
:delete-line method of **tv:sheet** WINDOC 28
sys: **%delete-physical-page** function 3600 23, INT 25
:delete-string method of **tv:sheet** WINDOC 28
Dump deleted files dump parameter SITE 5
Deleted message property ZMAILT 3, 59
Expunging deleted messages ZMAILT 13
:deleted option for **fs:complete-pathname** STR 81,
FILE 24
:deleted option for **fs:directory-list** STR 79
:deleted option for **with-open-file** STR 59
Deleted property ZMAILC 18
DELETED QFILE DIRECTORY option PROT 120
DELETED QFILE OPEN option PROT 100
deleted status ZMAILT 3, 59
Message **deletef** function STR 67
[Wildcard [Delete] File System Editor menu item FSED 1
[Delete] File System Editor menu item FSED 1
[Delete] Map over menu item ZMAILC 30
[Delete] Zmail menu item ZMAILT 13, 59, ZMAILC 5,
18, 29
Deleting and Transposing Characters ZMACS 66
Deleting and Transposing Lines ZMACS 71
Deleting and Transposing Lisp Expressions ZMACS
69
Deleting and Transposing Text ZMACS 61
Deleting and Transposing Words ZMACS 68
Deleting and Undeleting ZMAILT 13
Deleting and Undeleting Messages ZMAILC 18
Deleting messages ZMAILC 18, 29, 30
Deleting messages from mail buffer ZMAILT 13, 59
Deleting Multiple Versions ZMACS 138
Deleting Sentences ZMACS 72
Deleting vs. Killing ZMACS 62
Accidental deletion ZMACS 33
Movement and Deletion ZMAILT 53
Deletion Commands ZMAILT 59
Message deletion commands ZMAILC 18
File deletion errors COND 71
Deletion messages WINDOC 28
Database deletion request PROT 32
Deletion, Expunging, and Versions FILE 62
Large Deletions ZMACS 33
:delimited-string option for **prompt-and-read** RN

- 85, MISCUI 13
- :delimited-string-or-nil** option for **prompt-and-read** RN 85, MISCUI 13
- :delimiter** option for **prompt-and-read** RN 85, MISCUI 13
- Delivering packets to networks PROT 72
- delq** function PRIM 34
- Delta PRIM 103
- Demand paging 3600 29
- denominator PRIM 72, 73
- :density** option to **tape:make-stream** TAPE 1
- Dependencies MAINT 7
- System
 - Dependencies ZMAILC 33
 - deposit-byte** function PRIM 79
 - deposit-field** function PRIM 79
 - Depth of recursion of printing lists PRIM 89
- Descenders FED 13
- Dired
 - Describe Attribute List ZMACS 136
 - Describe Attribute List ZMACS 136
 - Describe Flavor (m-X) TOOLS 131
 - Describe Flavor (m-X) Zmacs command FLAV 63
 - describe** function MISCFC 2, PRIM 42, DEFS 23, FLAV 13, 47, 61, TOOLS 32, 33, 96
 - :describe** message FLAV 47
 - :describe** messages DEFS 23
 - Describe Variable (m-X) Zmacs command ZMACS 193
 - Describe Variable At Point ZMACS 38
 - Describe Variable At Point (c-sh-V) TOOLS 35
 - (Describe Variable At Point) TOOLS 35
- c-sh-V
 - describe-area** function STOR 4
 - describe-defstruct** function DEFS 1, 6
 - describe-flavor** function FLAV 32, TOOLS 131
 - describe-package** function PKG 46
 - si: describe-partition** function SIG 45
 - si: describe-partitions** function SIG 45
 - fs: describe-pathname** function FILE 31
- Previously undocumented function:
 - si: describe-system** RN 94
 - describe-system** function RN 94, MAINT 19
 - si: describe-system-versions** function SIG 37
 - Describing a System MAINT 19
- :black** pattern in dummy description WINDOC 93
- :blank** dummy description WINDOC 93
- :horizontal** stacking description WINDOC 93
- :vertical** stacking description WINDOC 93
- :white** pattern in dummy description WINDOC 93
- Array as pattern in dummy description WINDOC 93
- Command description ZMACS 12
- Finding a Server Description PROT 81
- List as pattern in dummy description WINDOC 93
- Serial I/O Hardware Description NETIO 23
- si:alphabetic** syntax description RN 18, PRIM 106
- si:break** syntax description RN 18, PRIM 106
- si:circlecross** syntax description RN 18, PRIM 106
- si:doublequote** syntax description RN 18, PRIM 106
- si:macro** syntax description RN 18, PRIM 106
- si:single** syntax description RN 18, PRIM 106
- si:slash** syntax description RN 18, PRIM 106
- si:verticalbar** syntax description RN 18, PRIM 106
- si:whitespace** syntax description RN 18, PRIM 106
- Symbol as pattern in dummy description WINDOC 93
- Description group WINDOC 93
- Description of Distribution Tapes TAPE 9
- Description: 3600 Serial I/O NETIO 23
- Hardware
 - Character syntax descriptions RN 17
 - QFILE Command Descriptions PROT 95
 - Service Descriptions PROT 39
 - New descriptions: **si:bitscale**, **si:digitscale**,

- Choice box
- Font
- Instance
- Numeric argument
- %%arg-desc-eval-ed-rest** numeric argument
- %%arg-desc-ef-bind-hair** numeric argument
- %%arg-desc-ef-quote-hair** numeric argument
- %%arg-desc-interpreted** numeric argument
- %%arg-desc-max-args** numeric argument
- %%arg-desc-min-args** numeric argument
- %%arg-desc-quoted** numeric argument
- %%arg-desc-quoted-rest** numeric argument
- %%arg-desc-rest-arg** numeric argument
- Namespace
- *
- changes**
- version**
- Namespace database
- Argument
- Numeric Argument
- D-IGNORE
- D-LAST
- D-NEXT
- D-PDL
- D-RETURN
- bitbit** width from the
Assembly language
- Previously undocumented special form:
- math:**
- Changes to Host
- Host
- Keyboard as random access
- Mouse as a graphic input
- Mouse as an input
- Site default hardcopy
- UNIBUS IOB
- Hardcopy
- I/O
- fs:**
- si:non-terminating-macro** RN 17
- descriptor MENUS 91
- descriptor WINDOC 54
- descriptor FLAV 57
- descriptor FUNC 16, 23
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27
- descriptor field 3600 27, FUNC 23
- descriptor field 3600 27
- descriptor file SIG 2
- descriptor file indicator PROT 21
- descriptor file indicator PROT 21
- descriptor file indicator PROT 21
- descriptor files PROT 21
- Descriptor List INT 47
- descriptor-file** attribute PROT 21
- descriptor-file** keyword for **terminal-f-argument**
attribute PROT 18
- descriptor-file:** namespace object attribute PROT 18
- Descriptors 3600 27
- Deselected visibility WINDOC 63
- :deselected-visibility** init option for
tv:blinker WINDOC 65
- :deselected-visibility** method of **tv:blinker** WINDOC
66
- Designing the Advice DEBUG 27
- Desirability PROT 39, 75
- :desirability** message PROT 75
- :desirability** option for **net:define-protocol** PROT
48
- destination INT 40
- destination INT 40
- destination INT 40
- destination INT 37
- destination INT 37
- Destination Address packet header field NETIO 44
- destination array RN 145
- destination field INT 37
- Destination Index packet header field NETIO 44
- Destination word NETIO 35, 37
- Destroying cdr-code field INT 19
- Destroying data type field INT 19
- Destroying flag-bit field INT 20
- Destroying pointer field INT 19
- Destructuring FLOW 49
- destructuring-bind** RN 77
- destructuring-bind** special form RN 77, EVAL 8
- Details of Completion STR 83, FILE 26
- determinant** function ARR 20
- Determination in Pathnames RN 30
- Determination in Pathnames FILE 3
- device WINDOC 75
- device FED 5
- device WINDOC 19, 67
- device HARD 1
- Device generic pathname component FILE 15
- device locations NETIO 109
- :device** message FILE 12
- :device** method of **fs:pathname** FILE 32
- device selection HARD 1
- Device Subprimitives INT 16
- Device-dependent status NETIO 81
- device-not-found** flavor COND 68

- Obus
- Output streams to buffered asynchronous RS-232-compatible
 - New function:
- International
- Site Configuration for QFILE user-server
- Package
 - Areas:
 - Hash Tables:
 - Nonlocal Exits:
 - Compiler No Longer Expands Macros in a Disk Format Command Asks
 - Indent
 - Arpanet
 - New descriptions: **si:bitscale**, **si:**
 - Array
 - Multidimensional Arrays on the 3600 Remember Actual Dimensions RN 78
- Direct connection type NETIO 46
- Direct Memory Access NETIO 107
- Direct-dial telephone network PROT 12
- :direction** RN 24, STR 61
- :direction** RN 24, STR 61
- :direction** RN 24, STR 61
- :direction** RN 24, STR 61
- :direction** RN 24, STR 61
- :direction** RN 24
- direction NETIO 95
- direction NETIO 95
- :direction** file-opening option STR 59
- :direction** message STR 11
- :direction** option RN 24
- :direction** option for **open** INT 69, 74
- :direction** option for **with-open-file** STR 59
- :direction** option to **tape:make-stream** TAPE 1
- :direction** stream option for **net:define-server** PROT 50
- directive RN 56
- directive RN 55
- directive RN 55
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive RN 21
- directive RN 21
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive STR 25
- directive RN 21
- directive STR 25
- directive STR 25
- directive STR 25

- ^Q directive STR 25
- ^R directive STR 25
- ^S directive STR 25
- ^T directive STR 25
- ^X directive STR 25
- ^X format directive RN 21
- ^date\ directive STR 25
- ^datetime\ directive STR 25
- ^time-interval\ directive STR 25
- ^time\ directive STR 25
-] directive STR 25
- directive STR 25
-] directive STR 25
- } directive STR 37
- directive STR 25
- Introduction: Mouse-Sensitive format Directive: ^M WINDEX 48
- Mouse-Sensitive format Directive: ^M WINDEX 47
- Source Code: Mouse-Sensitive format Directive: ^M WINDEX 50
- Directives STR 25
- At-sign (@) in format directives STR 25
- format time and date directives STR 25
- format ^\ directives can have package prefixes RN 92
- format directives ^@T and ^@* replace ^X and ^G RN 21
- New format directives: ^→ and ^← RN 55
- Directories LMS 16
- Accessing Directories STR 79
- Editing directories ZMACS 131
- File directories TOOLS 40
- Functions for Accessing Directories STR 79
- Pathnames, Files, and Directories LMS 16
- DIRECTORIES-ONLY QFILE DIRECTORY
- option PROT 120
- >dump-maps directory SITE 5
- >repatriations directory SITE 14
- Backup dump tape directory SITE 10
- Create Directory ZMACS 124
- Display Directory ZMACS 119
- Edit directory MISCU 1
- File directory STR 79
- Home directory RN 34, FILE 29
- List contents of a directory ZMACS 119
- Root directory FILE 71
- Sys: l-ucode; logical directory FILE 73
- Sys: site; logical directory SIG 39
- Sys:distribution; directory TAPE 12, 13
- Sys:sys;qcons logical directory 3600 22
- Display Directory (c-X c-D) TOOLS 40
- View Directory (m-X) TOOLS 41
- Clean Directory (m-X) Zmacs command ZMACS 123
- Create Directory (m-X) Zmacs command ZMACS 123
- Show Directory command NETIO 6
- Directory Completion STR 84, FILE 27
- Directory creation on VMS RN 109
- DIRECTORY Data Format PROT 118
- File system editor directory display FSED 5
- :directory FEP file property INT 74
- Patch directory file MAINT 30
- Tape directory file SITE 5
- Maclisp :directory function FILE 55
- Directory generic pathname component FILE 15
- Directory last expunged indicator FSED 5
- LMFS Now Supports Directory Links RN 120
- =>, link indicator in directory listings FSED 5
- How to Interpret Directory Listings FSED 5
- Wildcard Directory Mapping FILE 21
- Wildcard Directory Mapping Available RN 92
- :directory message FILE 12
- :directory method of fs:pathname FILE 32

FEP directory name INT 69
 DELETED QFILE DIRECTORY option PROT 120
 DIRECTORIES-ONLY QFILE DIRECTORY option PROT 120
 FAST QFILE DIRECTORY option PROT 120
 NO-EXTRA-INTO QFILE DIRECTORY option PROT 120
 QFILE DIRECTORY Options PROT 120
 Directory Pathnames and Directory Pathnames as
 Files FILE 8
 Directory Pathnames as Files FILE 8
 DIRECTORY QFILE command PROT 117
 Directory TOPS-20 pathname component FILE 46
 Directory) TOOLS 40
 c-X c-D (Display
 fs: **directory-already-exists** flavor COND 70
 :deleted option for fs: **directory-list** STR 79
 :noerror option for fs: **directory-list** STR 79
 fs: **directory-list** function STR 79
 fs: **directory-not-empty** flavor COND 71
 Change in Debugger special command for fs: **directory-not-found** RN 98
 fs: **directory-not-found** flavor RN 98, COND 68
 fs: **directory-pathname-as-file** method of
 fs:pathname FILE 10
 fs: **directory-wild-p** method of fs:pathname FILE 39
 [Create Inferior
 Directory] File System Editor menu item FSED 1
 Dired RN 126, ZMACS 131
 Dired ZMACS 134
 Dired (c-X D) TOOLS 41
 Dired (m-X) TOOLS 41
 Dired (m-X) Zmacs command ZMACS 131
 Dired Abort ZMACS 135
 Dired Apply Function ZMACS 141
 Dired Automatic ZMACS 138, 139
 Dired Buffer RN 126
 Dired Change File Properties ZMACS 136
 Dired command ZMACS 140
 ! Dired command ZMACS 139
 \$ Dired command ZMACS 136
 , Dired command ZMACS 137
 = Dired command ZMACS 135
 ? Dired command ZMACS 141
 A Dired command ZMACS 135
 ABORT Dired command ZMACS 137
 C Dired command ZMACS 138
 c-D Dired command ZMACS 138
 c-K Dired command ZMACS 136
 c-N Dired command ZMACS 136
 c-P Dired command ZMACS 138
 D Dired command ZMACS 137
 E Dired command ZMACS 134
 END Dired command ZMACS 138
 H Dired command ZMACS 135
 HELP Dired command ZMACS 138
 K Dired command ZMACS 138
 N Dired command ZMACS 140
 P Dired command ZMACS 134
 Q Dired command ZMACS 137
 R Dired command ZMACS 138
 RUBOUT Dired command ZMACS 136
 SPACE Dired command ZMACS 138
 U Dired command ZMACS 137
 V Dired command ZMACS 137
 Dired Commands ZMACS 132
 Dired Complement Dont Delete Flag ZMACS 140
 Dired Complement No Reap Flag ZMACS 139
 Dired Copy File ZMACS 137
 Dired Delete ZMACS 138
 Dired Describe Attribute List ZMACS 136
 Dired Edit File ZMACS 137
 Dired Exit ZMACS 134
dired function MISCU 1

- Dired Hardcopy File ZMACS 140
- Dired Help ZMACS 135
- Dired menu ZMACS 135, 136
- Dired Mode ZMACS 131
- Dired move point ZMACS 136
- Dired Next Hog ZMACS 138
- Dired Next Undumped ZMACS 140
- Dired Print File subcommand HARD 1
- Dired Rename File ZMACS 137
- Dired Reverse Undelete ZMACS 138
- Dired Set Generation Retention Count ZMACS 139
- Dired Srcocom ZMACS 137
- Dired Undelete ZMACS 138
- Dired View File ZMACS 137
- Dired) TOOLS 41
- c-X D (fr
- dis:dfpseudo-system** special form TAPE 9, 19
- netl:reset, netl:enable, and netl:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- Disable all character set translation in ASCII files STR 59
- chaos: disable** function RN 107
- netl: disable** function RN 107, 108, NETIO 92
- :disable** message PROT 79
- netl:reset, netl:enable, and netl:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- Disable special treatment of Rubout in ASCII files STR 59
- :disable-services** initialization list INIT 5
- :disable-services** option for **add-initialization** INIT 1
- Disabling a network PROT 78
- Enabling and disabling of floating-point traps COND 55
- Disassemble (m-X) TOOLS 99
- disassemble** function 3600 14, MISC 3, FUNC 7, TOOLS 96, 99, INT 37
- Disassembler INT 37
- :discard-current-record** message to input tape streams TAPE 4
- Disembodied property list PRIM 39
- Number of extra pages to be read from disk 3600 29
- Tape restore to disk NETIO 7
- Block number field in disk address INT 55
- Translate relative file block number into disk address INT 72
- Unit number field in disk address INT 55
- Optimizing disk allocation RN 25
- Number of disk blocks Disk and FEP File System Utilities INT 83
- Default area to allocate disk array can contain INT 57
- Bytes available in a disk arrays INT 57, 61
- Data cells available in a disk block INT 57
- disk block INT 55
- disk block INT 55
- disk block not found INT 66
- Number of disk blocks INT 55
- disk blocks disk array can contain INT 57
- D2257 disk drive NETIO 13
- M2284 disk drive NETIO 13
- M2351 disk drive NETIO 13
- T306 disk drive NETIO 13
- Multiple Disk drive support NETIO 13
- disk drives NETIO 13, INT 55
- disk drives NETIO 13
- Disk error COND 58
- Disk error code INT 59
- Disk Error Codes INT 65
- Disk Error Conditions INT 64
- Disk Error Handling INT 62
- Storing disk error information INT 58

- Disk Error Meters INT 67
- Disk Error Variables INT 64
- Disk error-checking INT 29
- Disk Event Accessor Functions INT 59
- Disk event tasks INT 58
- Disk event tasks currently allocated INT 59
- Disk event tasks that can be concurrently allocated INT 59
- Disk Events INT 58
- Disk File Names ZMAILC 33
- Saving messages in disk files ZMAILT 44
- Disk Format command NETIO 7
- Disk Format Command Asks Different Question RN 134
- Disk Format FEP command RN 134
- Disk Handling NETIO 13
- Disk Handling Commands NETIO 13
- Disk label SIG 39
- Disk label comments FILE 72
- Disk label information NETIO 6, 13
- [Print Disk Label] File System Maintenance menu item SITE 1
- Disk latency INT 76
- Reducing disk latency INT 79
- Minimum disk latency for transfers INT 76
- Disk mount NETIO 7, 13
- :disk option for **si:sb-on** RN 95, PROC 6
- Disk pack INT 55
- Disk page number (DPN) INT 55
- Disk pages INT 55
- Zero a disk partition SIG 44
- Loading and Saving Disk partitions FILE 71, SIG 39
- Disk Partitions 3600 31
- Disk Performance INT 76
- Examples of High Disk Performance INT 78
- Disk read INT 61
- Disk resetting NETIO 7, 13
- Disk Restore command NETIO 7
- Disk sequence break RN 95, PROC 6
- :block disk stream INT 69
- :input disk stream INT 69
- :output disk stream INT 69
- :probe disk stream INT 69
- :hang-p keyword for block Disk stream messages INT 71
- Block disk stream messages INT 79
- Block disk stream messages INT 73
- Bidirectional Disk streams INT 68
- Block disk streams INT 69, 73
- Block Disk Streams INT 73
- Block mode disk streams INT 68
- Input and Output Disk Streams INT 72
- Operating on Disk Streams INT 71
- 3600 Disk switching NETIO 7, 13
- FEP File Properties: 3600 Disk System User Interface INT 55
- FEP File System: 3600 Disk System User Interface INT 74
- Buffering Disk System User Interface INT 68
- Grouping related Disk Transfers INT 61
- Synchronizing disk transfers INT 57
- Overlapping disk transfers INT 62
- Setting disk transfers INT 58
- Initializing a disk transfers with computation INT 76
- Mounting a disk type NETIO 7, 13
- Multiple Disk unit INT 55
- Disk Unit INT 83
- Disk Unit INT 83
- Disk Units NETIO 13
- Disk write INT 61
- Disk-active run bar INT 29

- si: **disk-array** resource INT 57
- si: **disk-array-area** variable INT 57
- si: **disk-array-block-count** function INT 57
- si: **disk-array-checkwords** function INT 57
- si: **disk-block-length-in-bytes** variable INT 56
- sys: **%disk-blocks-per-cylinder** variable INT 29
- sys: **%disk-blocks-per-track** variable INT 29
- sys: **disk-error** flavor COND 58
- sys: ***disk-error-codes*** constant INT 65
- sys: **%disk-error-device-check** constant INT 65
- sys: **%disk-error-ecc** constant INT 66
- :**disk-event** method of si: **disk-error-event** INT 64
- :**error-type** method of si: **disk-error-event** INT 65
- :**flushed-transfer-count** method of si: **disk-error-event** INT 65
- si: **disk-error-event** flavor INT 64
- sys: **%disk-error-log-pointer** meter INT 32
- sys: **%disk-error-misc** constant INT 66
- sys: **%disk-error-not-ready** constant INT 65
- sys: **%disk-error-overflow** constant INT 66
- sys: **%disk-error-search** constant INT 66
- sys: **%disk-error-seek** constant INT 66
- sys: **%disk-error-select** constant INT 65
- sys: **%disk-error-state-machine** constant INT 66
- :**disk-event** method of si: **disk-error-event** INT 64
- si: **disk-event** resource INT 58
- si: **disk-event-count** function INT 59
- si: **disk-event-enq-task** function INT 59
- si: **disk-event-error-cylinder** function INT 60
- si: **disk-event-error-dcw** function INT 61
- si: **disk-event-error-flushed-transfer-count** function INT 60
- si: **disk-event-error-head** function INT 60
- si: **disk-event-error-sector** function INT 60
- si: **disk-event-error-string** function INT 60
- si: **disk-event-error-type** function INT 59, 62
- si: **disk-event-error-unit** function INT 60
- si: **disk-event-size** function INT 59
- si: **disk-event-suppress-error-recovery** function INT 60, 62
- si: **disk-event-task-done-p** function INT 59
- Show Disk-label command NETIO 6
- si: **disk-pack-name** variable SIG 43
- sys: **disk-read** function INT 62
- Disk-related meters INT 30
- disk-restore** function 3600 27, SIG 44, SITE 19, 30
- sys: **%disk-restore** function 3600 23, INT 25
- sys: **%disk-run-light** variable INT 29
- disk-save** function 3600 32, FILE 74, SIG 28, SITE 20, 22, 30, STOR 13
- sys: **%disk-save** function 3600 23, INT 25
- World load disk-saves MISC 5, SITE 22
- si: **disk-sector-data-size32** variable INT 56
- New FEP Commands: Add Disk-type and Clear Disk-types RN 136
- Add Disk-type command NETIO 7
- Set Disk-type command NETIO 7
- Add Disk-type FEP command RN 136
- New FEP Commands: Add Disk-type and Clear Disk-types RN 136
- Clear Disk-types command NETIO 7
- Clear Disk-types FEP command RN 136
- sys: **%disk-wait-time** meter INT 32
- sys: **disk-write** function INT 62
- Formatting disks NETIO 7
- Disk dismount NETIO 7, 13
- Dismount command NETIO 7
- dispatch** special form FLOW 8
- displace** function MAC 29
- :**displace** option for **defstruct** DEFS 7
- Displaced arrays ARR 4, 7, 13, PROT 66

- Displaced macro expansions MAC 29
 - :displaced-conformally** option for **make-array** RN 78
 - :displaced-index-offset** option for **make-array** ARR 4, 7
 - :displaced-to** option for **make-array** ARR 4, 7
 - Displacing Macros MAC 29
 - Display ZMACS 47
 - Display FED 25
 - display FILE 46
 - display MISCU 3
 - Display DEBUG 2
 - display FED 3
 - display FSED 5
 - Display ZMAILC 10, 17, 31
 - Display ZMAILC 10, 17
 - display WINDOC 62
 - Display MISCT 3
 - Display FED 26
 - display ZMAILC 7
 - display ZMAILT 3, 42
 - Display ZMAILC 13
 - Display ZMAILC 13
 - display SCROLL 1
 - display ZMAILC 5
 - Display and Hardcopy Commands LMS 38
 - Display argument list ZMACS 37
 - display column heading ZMAILT 3
 - display column heading ZMAILT 3
 - display column heading ZMAILT 3
 - display column heading ZMAILT 3
 - display column heading ZMAILT 3
 - Display current history INED 7, 9
 - Display Debugger TOOLS 75
 - Display Directory ZMACS 119
 - Display Directory (c-X c-D) TOOLS 40
 - (Display Directory) TOOLS 40
 - Display function documentation ZMACS 37
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 31
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 13
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 13
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 13
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 8
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 10
 - Display menu item ZMAILC 31
 - display mouse-sensitive items MENUS 85
 - Display process name RN 148
 - Display status of active processes MISCU 3
 - Display status of areas MISCU 3
 - Display status of file system display MISCU 3
 - Display status of hostat MISCU 3
 - Display status of window area MISCU 3
 - Display system information MISCU 5
 - Displayed Default INED 11
 - displayed history elements INED 3
 - displayed status ZMAILT 3
 - Displaying data structures SCROLL 1
 - Displaying multiple values of a function SCROLL 6
 - Displaying previous keystrokes ZMACS 36
 - Displaying program counters information RN 137
- Adjusting the Center-dot character in TOPS-20 pathname
 - Display status of file system
 - Error FED
 - File system editor directory
 - Filter Creation
 - Filter Selection
 - Four-bit color
 - Inspection Pane
 - Other Aspects of the Profile mode
 - Top-level
 - Universe Creation
 - Universe Selection
 - Updating the Zmail
 - FUNCTION Key:
 - Date Zmail
 - From To Zmail
 - Lines Zmail
 - No. Zmail
 - Subject or Text Zmail
 - c-X c-D
 - [Abort] Filter Creation
 - [And] Filter Creation
 - [Before] Filter Creation
 - [Close] Filter Creation
 - [Current] Universe Creation
 - [Documentation] Filter Creation
 - [Done] Filter Creation
 - [Loaded] Universe Creation
 - [New filter] Filter Selection
 - [New universe] Universe Selection
 - [Not] Filter Creation
 - [Not] Filter Selection
 - [Or] Filter Creation
 - [Sample] Filter Creation
 - [Unseen] Filter Selection
 - Create and
 - The Using the mouse with Message

- The List Fonts and Show Font
FUNCTION 2 W
Show Configuration Command
Show Status Command
Avoiding the Internal/External
Installing New Releases
Installing New Releases
Copying
Loading Sources From a
- Description of
Sys:
sys:
- Double-precision
Integer
- Greatest common
- What to
- character,
 - LM-2 Keys That
 - character,
- Changes to Input editor options
- About This
Overview of This
Purpose of This
- Brief
Command
Display function
Function
Long
Mouse
Mouse line
Online
Status line
Brief
Long
Online
Online
- Zmail
- Displays FED 33
displays current process name in status line RN 148
Displays More Information RN 135
Displays More Useful Information RN 140
Distinction PKG 19
Distributed in Patch Tape Format SIG 22
Distributed in World Load Format SIG 22
distribution tape TAPE 13
Distribution Tape SIG 16
Distribution Tape Subsystem TAPE 9
Distribution Tapes TAPE 9
distribution; directory TAPE 12, 13
divide-by-zero flavor COND 1, 54
%divide-double function PRIM 82
Division PRIM 70
division PRIM 82
division PRIM 61
Division by zero error COND 54
divisor PRIM 72
DMA NETIO 107
Do After Reading a Message ZMAILT 12
do clause FLOW 42
[Do it] MENUS 41, 47, 51
do keyword FLOW 42
do not delete file flag FSED 5
Do Not Exist on the 3600 3600 3
do not reap file flag FSED 5
do special form EVAL 25, FLOW 15, MAC 17,
COMP 6
do* special form FLOW 17, COMP 6
do*-named special form FLOW 18, COMP 6
do-all-symbols special form PKG 43
:do-components transformation MAINT 7
do-external-symbols special form PKG 43
do-local-symbols special form PKG 43
do-named special form FLOW 18, COMP 6
:do-not-echo option RN 22, WINDOC 49, STR 48
:do-not-echo option for **:rubout-handler**
message WINDOC 47, STR 46
:do-not-echo, **:pass-through**, **:prompt**,
:reprompt RN 22
do-symbols special form PKG 42
do-three-times special form NOTA 1
DOBE TOPS-20 JSYS NETIO 81
Document WINDEX 2, MENUS 1
Document COND 2
Document WINDOC 1
:document-proceed-type message COND 37
:document-proceed-type method of
condition COND 49
:document-special-command message COND 46
Documentation ZMACS 37
Documentation ZMAILC 5
documentation ZMACS 37
Documentation ZMACS 37
Documentation ZMACS 37
documentation WINDEX 18, 40
documentation MENUS 11
documentation ZMAILT 23
documentation FED 25
Documentation (c-sh-D) TOOLS 35, 38
Documentation (m-sh-D) TOOLS 35, 39
documentation for commands ZMACS 34
documentation for prefixes ZMACS 35
documentation function FUNC 7, 22, TOOLS 35,
39
documentation item ZMAILC 10
:documentation keyword MENUS 69

- Complement mouse
- Complementing the Mouse
- Mouse
- :combination** symbol in
- :essential-mixin** symbol in
- :lowlevel-mixin** symbol in
- :mixin** symbol in
- :special-purpose** symbol in
- Mouse
- Mouse
- c-sh-D (Brief)
- m-sh-D (Long)
- Compiler
- RFC822
- Internet
- Rfc822
- Internet RFC822
- Tags Tables and Search
- ITS
- Receive
- Transmit
- Leave option to Tape when
- Offline option to Tape when
- Query option to Tape when
- Rewind option to Tape when
- Tape when
- Dired Complement
- fs:**
- Invisible blocks in **progs** and
- documentation line RN 113
- Documentation Line LMS 34
- documentation line LMS 10, 12, ZMACS 49, WINDOC 73, MENUS 7, 59, ZMAILT 23, ZMAILC 5, 10, 17, 25
- :documentation** menu item option MENUS 11, 24
- :documentation** menu item type SCROLL 9
- :documentation** option for **defflavor** FLAV 35
- :documentation** option to **defflavor** TOOLS 131
- :documentation** option to **defflavor** FLAV 35
- :documentation** option to **defflavor** FLAV 35
- :documentation** option to **defflavor** FLAV 35
- :documentation** option to **defflavor** FLAV 35
- :documentation** option to **defflavor** FLAV 35
- :documentation** option to **defflavor** FLAV 35
- :documentation** specification MENUS 59
- documentation string TOOLS 121
- Documentation string functions FUNC 7, 16, 22
- Documentation strings TOOLS 35, 37
- documentation window SCROLL 9
- Documentation) TOOLS 35, 38
- Documentation) TOOLS 35, 39
- [Documentation] Filter Creation Display menu item ZMAILC 10
- DOD Internet PROT 12
- Does Not Support Various Switches 3600 32
- doing** clause expression FLOW 42
- doing** keyword FLOW 42
- dolist** special form FLOW 19
- domain addressing RN 130
- Domain Addressing Supported ZMAILC 35
- Domain Addressing Supported RN 130
- domain-addressing formats ZMAILC 35
- Domains ZMACS 94
- don't hang mode NETIO 73
- [Don't Save] Save-Exit menu item ZMAILT 17
- Done bit NETIO 70
- Done bit NETIO 70
- done dump parameter SITE 5
- done dump parameter SITE 5
- done dump parameter SITE 5
- done dump parameter SITE 5
- done dump parameter SITE 5
- done dump parameter SITE 5
- [Done] Filter Creation Display menu item ZMAILC 10
- Dont Delete Flag ZMACS 140
- :dont-delete** FEP file property INT 74
- :dont-delete-flag-set** flavor COND 71
- :dont-reply-to-mailing-lists:** site object attribute PROT 17
- dos** RN 78
- Dot (.) in symbols MAC 15
- dotimes** special form FLOW 19
- Dotted list PRIM 11, 93
- Dotted pair NOTA 1
- Double quotes PROT 21
- Double-arrow (↔) character FILE 48
- Double-arrow character (↔) in logical pathnames FILE 49
- :double-float** RN 49
- double-float** format RN 17, PRIM 95
- double-float-p** RN 49
- double-float-p** function RN 49, PRIM 4
- double-precision RN 48
- Double-precision Arithmetic PRIM 82
- Double-precision arithmetic with 24-bit numbers 3600 32
- Double-precision concatenation PRIM 82
- Double-precision division PRIM 82
- Double-precision Floating Point RN 48
- 3600 Supports IEEE Single- and

- Converting numbers to
 - double-precision floating-point RN 49
 - Double-precision floating-point arithmetic 3600 15
 - Double-precision multiplication PRIM 82
 - Double-quote character strings NOTA 1
 - si:** **doublequote** syntax description RN 18, PRIM 106
- Sending press files to
 - Dover NETIO 67
 - Dover printer NETIO 67
 - Powering down NETIO 7
 - Down Comment Line ZMACS 158
 - Down Comment Line (m-N) TOOLS 23
 - (Down Comment Line) TOOLS 23
 - m-N Down List ZMACS 54
 - Down Real Line ZMACS 23, 56, 136
 - dpb** function PRIM 79
 - dpit-logo** printer attribute HARD 5
 - dpit-logo:** printer object attribute PROT 15
- Disk page number
 - (DPN) INT 55
 - sys:** **%%dpn-page-num** constant INT 56
 - sys:** **%%dpn-unit** constant INT 56
 - dr11-c** value of **interface** printer attribute HARD 5
 - [Save Draft As Msg] Editor menu item ZMAILT 44
 - Draft files ZMAILT 44
 - [Restore Draft File] Editor menu item ZMAILT 44
 - [Save Draft File] Editor menu item ZMAILT 44
 - [Write Draft File] Editor menu item ZMAILT 44
 - Draft message facility ZMAILT 44
 - Draft-Composition-Date field ZMAILT 37
- Saving and Restoring Message
 - Drafts ZMAILT 44
 - Draw a cubic spline FED 29
 - Draw a line FED 29
 - [Draw Line] Font Editor menu item FED 20, 29
 - Draw mode menu FED 5, 11, 32
 - Draw Mode Menu FED 32
 - The draw mode menu FED 32
 - Using the mouse in the draw mode menu item FED 11
 - [Clear Points] Font Editor draw mode menu item FED 11
 - [Flip Points] Font Editor draw mode menu item FED 11
 - [Set Points] Font Editor draw mode menu item FED 11
 - [Draw Spline] Font Editor menu item FED 20, 29
 - %draw-char** function 3600 19
 - :draw-char** method of **tv:stream-mixin** WINDOC 35
 - :draw-circle** RN 99
 - :draw-circle** method of **tv:graphics-mixin** RN 99, WINDOC 39
 - :draw-circular-arc** method of **tv:graphics-mixin** WINDOC 39
 - :draw-closed-curve** method of **tv:graphics-mixin** WINDOC 38
 - :draw-cubic-spline** WINDOC 39
 - :draw-cubic-spline** WINDOC 39
 - :draw-cubic-spline** WINDOC 39
 - :draw-cubic-spline** WINDOC 39
 - :draw-cubic-spline** method of **tv:graphics-mixin** WINDOC 39
 - :draw-curve** method of **tv:graphics-mixin** WINDOC 38
 - :draw-dashed-line** method of **tv:graphics-mixin** WINDOC 36
 - :draw-filled-in-circle** method of **tv:graphics-mixin** RN 99, WINDOC 39
 - :draw-filled-in-circle** uses same algorithm as **:draw-circle** RN 99
 - :draw-filled-in-sector** method of **tv:graphics-mixin** WINDOC 39
 - sys:** **%draw-line** function WINDOC 40
 - :draw-line** method for **tv:graphics-mixin** TOOLS 14, 108
 - :draw-line** method of **tv:graphics-mixin** WINDOC 36
- :draw-filled-in-circle** uses same algorithm as
- :anticyclic** boundary condition for
- :clamped** boundary condition for
- :cyclic** boundary condition for
- :relaxed** boundary condition for

- :draw-lines** method of **tv:graphics-mixin** WINDOC 36
 - sys: draw-off-end-of-screen** flavor COND 57
 - sys: draw-on-unprepared-sheet** flavor COND 57
 - :draw-point** method of **tv:graphics-mixin** WINDOC 35
 - sys: %draw-rectangle** function WINDOC 40
 - :draw-rectangle** message WINDOC 33
 - :draw-rectangle** method of **tv:stream-mixin** WINDOC 38
 - :draw-regular-polygon** method of **tv:graphics-mixin** WINDOC 39
 - :draw-string** method of **tv:graphics-mixin** WINDOC 37
 - sys: %draw-triangle** function WINDOC 40
 - :draw-triangle** method of **tv:graphics-mixin** WINDOC 38
 - :draw-wide-curve** method of **tv:graphics-mixin** WINDOC 38
 - Drawing FED 11
 - Drawing FED 19
 - Drawing FED 20, 29
 - Drawing FED 25
 - drawing FED 19, 29
 - drawing FED 19, 29
 - drawing FED 25
 - Drawing a character FED 5
 - Drawing characters WINDOC 23
 - drawing characters FED 11
 - drawing characters FED 11
 - Drawing Characters with the Mouse FED 11
 - drawing command FED 12
 - Drawing Graphics WINDOC 33
 - drawing help FED 19
 - drawing in the gray plane FED 15, 30
 - Drawing Lines and Curves FED 20
 - Drawing on unprepared sheet error COND 57
 - Drawing pane FED 5, 32
 - drawing pane FED 26, 29
 - Drawing Pane FED 32
 - drawing pane FED 32
 - Drawing past edge of screen error COND 57
 - Drawing pictures onto arrays WINDOC 33
 - Drawing Transformation FED 29
 - Drawings FED 19
 - Drawings FED 19
 - Dribble Files MISCF 15
 - dribble-end** function MISCF 15
 - dribble-start** function MISCF 15
 - drive 3600 11, 32, STOR 13
 - drive NETIO 13
 - drive NETIO 13
 - drive NETIO 13
 - drive NETIO 13
 - Drive ID SITE 5
 - drive support NETIO 13
 - Drive [Reload/Retrieve] parameter SITE 10
 - drives NETIO 13, INT 55
 - drives NETIO 13
 - DSK:(SYSTEM)HOSTS2.BIN file NETIO 83
 - DTE NETIO 23
 - dtp-header-forward** data type 3600 20
 - dtp-array** data type 3600 20
 - dtp-array-header** data type 3600 20, INT 9
 - dtp-array-pointer** data type 3600 20, INT 9
 - dtp-body-forward** data type 3600 20, INT 9
 - dtp-closure** data type 3600 20, INT 9
 - DTP-COMPILED-FUNCTION COMP 1
- Clearing the Drawing FED 11
 - Moving the Drawing FED 20, 29
 - Positioning the Drawing FED 25
 - Reflecting the drawing FED 19, 29
 - Rotating the drawing FED 19, 29
 - Scrolling the drawing FED 25
- Using the CONTROL key while drawing characters FED 11
 - Using the META key while drawing characters FED 11
- Font Editor drawing command FED 12
 - Automatic drawing help FED 19
 - Move drawing in the gray plane FED 15, 30
- Size of boxes in the Drawing Lines and Curves FED 20
 - The Drawing on unprepared sheet error COND 57
 - Using the mouse in the Drawing pane FED 5, 32
 - The drawing pane FED 26, 29
 - Using the mouse in the Drawing Pane FED 32
 - The drawing pane FED 32
 - Configuration and Drawing past edge of screen error COND 57
 - Reflecting Drawing pictures onto arrays WINDOC 33
 - Rotating Drawing Transformation FED 29
- Cartridge tape Drawings FED 19
 - D2257 disk Drawings FED 19
 - M2284 disk Dribble Files MISCF 15
 - M2351 disk **dribble-end** function MISCF 15
 - T306 disk **dribble-start** function MISCF 15
 - Tape drive 3600 11, 32, STOR 13
 - Disk drive NETIO 13
 - Tape drive NETIO 13
 - Disk drive NETIO 13
 - Multiple disk drive NETIO 13
 - Drive ID SITE 5
 - drive support NETIO 13
 - Drive [Reload/Retrieve] parameter SITE 10
 - drives NETIO 13, INT 55
 - drives NETIO 13
 - DSK:(SYSTEM)HOSTS2.BIN file NETIO 83
 - DTE NETIO 23
 - dtp-header-forward** data type 3600 20
 - dtp-array** data type 3600 20
 - dtp-array-header** data type 3600 20, INT 9
 - dtp-array-pointer** data type 3600 20, INT 9
 - dtp-body-forward** data type 3600 20, INT 9
 - dtp-closure** data type 3600 20, INT 9
 - DTP-COMPILED-FUNCTION COMP 1

dtp-compiled-function data type 3600 20
dtp-entity data type 3600 20, FLAV 61, INT 9
dtp-even-pc data type 3600 20
dtp-extended-number data type 3600 20, INT 9
dtp-external-value-cell-pointer data type 3600 20, INT 9
dtp-fef-pointer data type 3600 20, INT 9
dtp-fix data type 3600 20, INT 9
dtp-float data type 3600 20
dtp-free data type 3600 20, INT 9
dtp-gc-forward data type 3600 20, INT 9
dtp-header data type 3600 20, INT 9
dtp-header-forward data type INT 9
dtp-header-l data type 3600 20
dtp-header-p data type 3600 20
dtp-instance data type 3600 20, FLAV 57, INT 9
dtp-instance-header data type 3600 20, FLAV 57, INT 9
dtp-instance-variable-pointer data type 3600 20
dtp-list data type 3600 20, INT 9
dtp-locative data type 3600 20, INT 9
dtp-monitor-forward data type 3600 20
dtp-nil data type 3600 20
dtp-null data type 3600 20, INT 9
dtp-odd-pc data type 3600 20
dtp-one-q-forward data type 3600 20, INT 9
dtp-select-method FUNC 7, 11
dtp-select-method data type 3600 20, FLAV 57, INT 9
dtp-small-flonum data type 3600 20
dtp-stack-closure data type 3600 20
dtp-stack-group data type 3600 20, INT 9
dtp-symbol data type 3600 20, INT 9
dtp-symbol-header data type 3600 20, INT 9
dtp-trap data type 3600 20, INT 9
dtp-u-entry data type 3600 20, INT 9
 Restriction Due to Scope COND 24
:black pattern in dummy description WINDOC 93
:blank dummy description WINDOC 93
:white pattern in dummy description WINDOC 93
 Array as pattern in dummy description WINDOC 93
 List as pattern in dummy description WINDOC 93
 Symbol as pattern in dummy description WINDOC 93
 Dummy parts WINDOC 93
 Complete tape dump SITE 4
 Consolidated tape dump SITE 4
 Incremental tape dump SITE 4
 Dump deleted files dump parameter SITE 5
 Dump map SITE 5
 Append to tape dump parameter SITE 5
 Comment dump parameter SITE 5
 Consolidate from dump parameter SITE 5
 Dump deleted files dump parameter SITE 5
 Dump Type dump parameter SITE 5
 Leave option to Tape when done dump parameter SITE 5
 Offline option to Tape when done dump parameter SITE 5
 Pathnames dump parameter SITE 5
 Person operating dump parameter SITE 5
 Query option to Tape when done dump parameter SITE 5
 Restart pathname dump parameter SITE 5
 Rewind option to Tape when done dump parameter SITE 5
 Set date dumped dump parameter SITE 5
 Tape Host dump parameter SITE 5
 Tape Reel ID dump parameter SITE 5
 Tape when done dump parameter SITE 5
 Backup dump tape directory SITE 10
 Dump Type dump parameter SITE 5
sys: **dump-forms-to-file** always puts package attribute

into binary file RN 82
sys: **dump-forms-to-file** function COMP 25
sys: **dump-forms-to-file** variable 3600 32
dumparrays Maclisp function ARR 23
 dumped TAPE 15
 dumped dump parameter SITE 5
 Dumper TAPE 9, 13, 19
 dumper RN 121
 Dumper Restarting and Append-to-tape Default RN 121
 Dumper Supports Accordion Wildcards RN 119
 dumping TAPE 14
 dumping TAPE 14
 dumping TAPE 14
 Dumping TAPE 18
 dumping TAPE 15
 Dumping Hash Tables to Files PRIM 47
 Dumping, Reloading, and Retrieving SITE 4
 Dumping: Concepts SITE 4
 Dumps SITE 5
 [Dump] File System Editor menu item FSED 1
 [Complete Dump] File System Maintenance menu item SITE 1
 [Incremental Delete Duplicate Msgs (m-X) Zmail command ZMAILT 59, ZMAILC 18
 During Dumping TAPE 18
 During Expansion MAC 26
 dynamic columns MENUS 36
 Dynamic Item List Menu MENUS 2, 35
 Dynamic Item List Menu MENUS 36
 Dynamic Item List Mixins MENUS 35
 Dynamic Menu Example MENUS 37
 Dynamic Menu MENUS 37
 Dynamic Menus MENUS 37
 dynamic to static STOR 8
 Dynamic variable binding INT 1
dynamic-...-menu MENUS 37
dynamic-...menu MENUS 37
dynamic-item-list-mixin flavor MENUS 35
dynamic-momentary-menu flavor MENUS 36
dynamic-momentary-window-hacking-menu flavor MENUS 36
dynamic-multicolumn-mixin MENUS 37
dynamic-multicolumn-mixin flavor MENUS 36
dynamic-pop-up-abort-on-deexpose-command-menu flavor MENUS 36
dynamic-pop-up-command-menu flavor MENUS 36
dynamic-pop-up-menu flavor MENUS 36

E

E

E

SELECT E ZMACS 10
 SELECT E TOOLS 9
 SELECT E ZMACS 30
 c-X E (Call Last Kbd Macro) TOOLS 59
 E Dired command ZMACS 137
 E exponent identifier RN 17
 E exponential representation PRIM 61, 89
 E Font Editor command FED 19, 29
 e prefix STR 3
 c-X E Zmacs command ZMACS 184
 E Zmail command ZMAILC 30
 E) TOOLS 59
 Echo Area ZMACS 17
 Echo character input PRIM 109
 Echo on input WINDOC 41

- Echoing ZMACS 17
- Echoing arguments ZMACS 22
- ed** function MISCUI 1
- (ed)** function ZMACS 10, 30
- Move To Screen
 - Left
 - Top
- Drawing past
 - Set
- Edge ZMACS 48
- edge of menu MENUS 100
- edge of menu MENUS 100
- edge of screen error COND 57
- edge parameters MENUS 98
- :edges** init option for **tv:menu** MENUS 98
- :edges** init option for **tv:sheet** WINDOC 78
- :edges** method of **tv:sheet** WINDOC 81
- :edges-from** init option for
 - tv:essential-window** WINDOC 79
- :edges-from** init option for **tv:menu** MENUS 98
- :edges-from** init option to
 - tv:minimum-window** TOOLS 108
- Locating Source Code to
 - [Tree
- Edit ZMACS 166
- edit any] File System Maintenance menu item FSED 1, SITE 1
- Edit Buffers (m-X) Zmacs command ZMACS 107
- Edit Callers (m-X) TOOLS 40
- Multiple
 - Edit Callers (m-X) TOOLS 40
- Multiple
 - Edit Callers (m-X) Zmacs command ZMACS 169
 - Edit Callers (m-X) Zmacs command ZMACS 170
 - Edit Changed Definitions (m-X) TOOLS 52
 - Edit Changed Definitions (m-X) Zmacs command ZMACS 167
 - Edit Changed Definitions Of Buffer (m-X) TOOLS 52
 - Edit Changed Definitions of Buffer (m-X) Zmacs command ZMACS 168
 - Edit Combined Methods (m-X) TOOLS 133
 - Edit Combined Methods (m-X) Zmacs command FLAV 63
 - Edit Compiler Warnings (m-X) TOOLS 75
 - Edit Compiler Warnings (m-X) Zmacs command ZMACS 163, COMP 13
 - Edit Definition ZMACS 166
 - Edit Definition (m-.) TOOLS 36, 130, 131
 - Edit Definition Command ZMACS 166
 - Edit Definition Zmacs command FLAV 63
 - m-.
 - (Edit Definition) TOOLS 36, 130, 131
 - Edit directory MISCUI 1
 - Dired
 - Edit File ZMACS 137
 - Edit File Warnings (m-X) Zmacs command ZMACS 163, COMP 13
 - [Edit Font] Font Editor menu item FED 8, 30
 - [Edit FSPT] Maintenance Operations menu item FILE 68
 - [Tree
 - edit Homedir] File System Maintenance menu item FSED 1, SITE 1
 - [Edit Link Transparencies] File System Editor menu item FSED 1
 - :edit** message to
 - zwei:standalone-editor-frame** MISCUI 23
 - Edit Methods (m-X) TOOLS 60, 132
 - Edit Methods (m-X) Zmacs command FLAV 63
 - Edit objects in network database PROT 19
 - [Edit Properties] File System Editor menu item FSED 1
 - [Tree
 - edit root] File System Maintenance menu item FSED 1, SITE 1
 - [Bury]
 - Edit Screen menu item WINDOC 13
 - [Move Window]
 - Edit Screen menu item WINDOC 3
 - [Edit Screen] menu item TOOLS 61, 123
 - [Edit Screen] System menu item WINDOC 2, 3, 87
 - si:
 - edit-disk-label** function SIG 43, SITE 18
 - si:
 - edit-fep-label** function INT 83

- lmfs:** **edit-fspt** function FILE 67
- zwei:** **edit-functions** function ZMACS 11
- :create** option for **tv:** **edit-namespace-object** PROT 19
- :locally** option for **tv:** **edit-namespace-object** PROT 19
- :new** option for **tv:** **edit-namespace-object** PROT 19
- :property-list** option for **tv:** **edit-namespace-object** PROT 19
- :wait** option for **tv:** **edit-namespace-object** PROT 19
- tv:** **edit-namespace-object** SIG 2
- tv:** **edit-namespace-object** function RN 107, PROT 19
- Babyl files with **summary-window-format** other than **t** or **nll** need to be edited RN 129
- Editing LMS 22
- Input Editing STR 45
- Lisp input editing TOOLS 70
- Editing a character FED 5
- Editing a File ZMACS 29
- Editing Commands LMS 22
- Editing directories ZMACS 131
- Editing help facilities LMS 22
- Editing Lisp Programs ZMACS 155
- Editing message mode ZMAILT 3
- Editing messages ZMAILC 20
- Editing methods FLAV 63
- Major Editing Modes ZMACS 144
- Editing terminal input STR 45
- Editing the definition of a function ZMACS 11, MISCUI 1
- Editing the FSPT (LM-2 Only) FILE 68
- Editing the source code of a function ZMACS 11, MISCUI 1
- Editing: Zmail Concepts and Techniques ZMAILC 20
- Edition LMS 37
- editor RN 63
- editor CONV 1
- editor STR 72
- Editor ZMACS 30
- editor MISCUI 1
- Editor STR 52
- Editor FSED 1
- Editor FED 27
- editor FILE 67
- editor RN 1, INED 15, CONV 3, STR 45
- Editor FED 1
- Editor STR 46
- editor RN 107, PROT 19, SIG 6
- editor RN 59, STR 50
- editor RN 57
- Editor FED 19
- Editor INED 15
- editor COMP 3, ZMAILT 40, CONV 1
- Editor (Rubout Handler) RN 21
- Editor (Rubout Handler) RN 57
- Editor and Inspector use ESCAPE to evaluate forms RN 116
- Editor Basic Concepts FED 5
- Editor buffer streams MISCUI 19
- Editor buffers ZMAILC 3, 5, 7, 10
- editor buffers MISCUI 19
- Editor Buffers MISCUI 19
- Editor command FED 31
- Editor command FED 30
- Editor command FED 29
- Editor command FILE 68
- Editor command FED 31
- Editor command FED 25
- Editor command FED 9, 31
- Editor command FED 30
- editor command TOOLS 71
- I/O from
- Stream Facility for
- / Font
- ? Font
- @ Font
- A FSPT
- ABORT Font
- B Font
- C Font
- c-C Font
- c-C Lisp Input
- Index of Function Keys: Lisp Machine Summary 3600
- Communication between programs and input
- Converse interactive message
- EMACS
- Entering File System
- Entering Zwei
- Examples of Use of the Input
- File System
- Files: Font
- FSPT
- Input
- Introduction: Font
- Invoking the Input
- Namespace
- Reading function to use input
- Returning control from input
- Transformations: Font
- Using the ESCAPE key with the Input
- Zwei
- Incompatible Changes to the Input
- New Features Associated with the Input
- Font
- Font

c-K FSPT	Editor command	FILE 68
c-N FSPT	Editor command	FILE 68
c-P FSPT	Editor command	FILE 68
c-R Font	Editor command	FED 30
c-R FSPT	Editor command	FILE 68
c-REFRESH Font	Editor command	FED 31
c-W Font	Editor command	FED 30
c-W FSPT	Editor command	FILE 68
c-Y FSPT	Editor command	FILE 68
CLEAR SCREEN FSPT	Editor command	FILE 68
D Font	Editor command	FED 25, 30
E Font	Editor command	FED 19, 29
END FSPT	Editor command	FILE 68
F Font	Editor command	FED 30
G Font	Editor command	FED 30
H Font	Editor command	FED 25, 29
HELP Font	Editor command	FED 30
HELP FSPT	Editor command	FILE 68
I FSPT	Editor command	FILE 68
M Font	Editor command	FED 30
m-< FSPT	Editor command	FILE 68
m-> FSPT	Editor command	FILE 68
m-C Lisp input	editor command	TOOLS 71
Q Font	Editor command	FED 30
REFRESH Font	Editor command	FED 31
S Font	Editor command	FED 30
V Font	Editor command	FED 23, 30
\ Font	Editor command	FED 31
FSPT	Editor commands	INED 13
Modified mouse clicks as	editor commands	FILE 68, 69
Shifted Mouse Clicks Can Now Be Used for	Editor Commands	RN 103
Lisp input	editor commands	RN 103
File system	editor commands	TOOLS
[Clear Points] Font	editor directory display	FSED 5
[Flip Points] Font	Editor draw mode menu item	FED 11
[Set Points] Font	Editor draw mode menu item	FED 11
. Font	Editor draw mode menu item	FED 11
Changes to Font	Editor drawing command	FED 12
Font	Editor File Commands	RN 113
Customizing the	Editor file type defaults	RN 113
Input	Editor font commands	ZMAILT 11
The	Editor in Init Files	ZMACS 196
[Abort Send]	Editor kill history	INED 15
[Add Cc Field] Headers	Editor major mode for file	STR 72
[Add Fcc Field] Headers	Editor major modes	FILE 19
[Add From Field] Headers	Editor Menu	ZMACS 39
[Add In Gray] Font	Editor menu commands	ZMACS 39
[Add In Reply To Field] Headers	Editor menu item	ZMAILT 46
[Add More Text]	Editor menu item	ZMAILT 41
[Add Subject Field] Headers	Editor menu item	ZMAILT 41
[Add To Field] Headers	Editor menu item	ZMAILT 41
[Center View] Font	Editor menu item	ZMAILT 41
[Change Subject Pronouns] Headers	Editor menu item	FED 16, 30
[Clear Gray] Font	Editor menu item	ZMAILT 41
[Close] File System	Editor menu item	ZMAILT 42
[Configure] Font	Editor menu item	ZMAILT 41
[Create Interior Directory] File System	Editor menu item	ZMAILT 41
[Create Link] File System	Editor menu item	FED 25, 29
[Decache] File System	Editor menu item	ZMAILT 41
[Delete] File System	Editor menu item	ZMAILT 41
[Draw Line] Font	Editor menu item	FED 15, 30
[Draw Spline] Font	Editor menu item	FSED 1
[Dump] File System	Editor menu item	FSED 1
	Editor menu item	FED 5, 29
	Editor menu item	FSED 1
	Editor menu item	FSED 1
	Editor menu item	FSED 1
	Editor menu item	FSED 1
	Editor menu item	FED 20, 29
	Editor menu item	FED 20, 29
	Editor menu item	FSED 1

Symbolics, Inc. March 1984

[Edit Font] Font	Editor menu item	FED 8, 30
[Edit Link Transparencies] File System	Editor menu item	FSED 1
[Edit Properties] File System	Editor menu item	FSED 1
[Edit] File System	Editor menu item	FSED 1
[Erase All] Font	Editor menu item	FED 15, 19, 29
[EXIT] Font	Editor menu item	FED 30
[Expunge] File System	Editor menu item	FSED 1
[filename / Hardcopy] File System	Editor menu item	HARD 1
[Gray Char] Font	Editor menu item	FED 15, 21, 30
[Grid Size] Font	Editor menu item	FED 26, 29
[Hardcopy] File System	Editor menu item	FSED 1
[HELP] Font	Editor menu item	FED 30
[List Fonts] Font	Editor menu item	FED 8, 30
[Load] File System	Editor menu item	FSED 1
[Move Black] Font	Editor menu item	FED 14, 29
[Move Gray] Font	Editor menu item	FED 15, 30
[Move View] Font	Editor menu item	FED 25, 29
[New Properties] File System	Editor menu item	FSED 1
[Open] File System	Editor menu item	FSED 1
[Prune Yanked Headers]	Editor menu item	ZMAILT 47
[Read File] Font	Editor menu item	RN 113, FED 27, 30
[Reflect] Font	Editor menu item	FED 19, 29
[Rename Char] Font	Editor menu item	FED 9, 30
[Rename] File System	Editor menu item	FSED 1
[Restore Draft File]	Editor menu item	ZMAILT 44
[Rotate] Font	Editor menu item	FED 19, 29
[Save Char] Font	Editor menu item	FED 9, 30
[Save Draft As Msg]	Editor menu item	ZMAILT 44
[Save Draft File]	Editor menu item	ZMAILT 44
[Selective Open] File System	Editor menu item	FSED 1
[Send Msg]	Editor menu item	ZMAILT 46
[Set Sample] Font	Editor menu item	FED 23, 30
[Show Font] Font	Editor menu item	FED 5, 8, 9, 30
[Stretch Character] Font	Editor menu item	FED 21
[Stretch] Font	Editor menu item	FED 29
[Swap Gray] Font	Editor menu item	FED 15, 30
[Undelete] File System	Editor menu item	FSED 1
Using the mouse with [List Fonts] Font	Editor menu item	FED 33
Using the mouse with [Show Font] Font	Editor menu item	FED 9, 33
[View Properties] File System	Editor menu item	FSED 1
[View] File System	Editor menu item	FSED 1
[Wildcard Delete] File System	Editor menu item	FSED 1
[Write Draft File]	Editor menu item	ZMAILT 44
[Write File] Font	Editor menu item	RN 113, FED 27, 30
Using the mouse with Font	Editor menus	FED 5
Correspondence of Canonical Types and	Editor Modes	FILE 19
Changes to input	editor options	:do-not-echo, :pass-through, :prompt, :reprompt RN 22
New Input	editor options:	:no-input-save, :activation, :command, :preemptable RN 57
	:editor output format style	RN 21, STR 39
	Editor package	PKG 49
Changes to Input	Editor User Interface	RN 22
	Editor Window	ZMACS 15
	Editor Windows	MISCUI 23
	Editor Works	STR 45
	Editor: Examples	RN 65
	Edits Current String in Choose-variable-values	Windows RN 105
	[Edit] File System Editor menu item	FSED 1
	[Edit] Maintenance Operations menu item	SITE 1
	[Edit] menu item	TOOLS 9, 76
	Effect of compiler on variables	EVAL 3
	effectors	WINDOC 23, STR 3
	Effects	FLOW 42
	EFTP protocol	NETIO 67
	EIA RS-232 protocol	NETIO 23
	:eject-page method of	
Format		
Side		
System 3600		

- si:encapsulated-definition** debugging info alist
 - Retrieve
 - Bit size of array
 - Character strings as array
 - Fixnums as array
 - Flonums as array
 - Half-size fixnums as array
 - List
 - Returning array
- sort** predicate should return nil for equal
- Storing into array
- Using the mouse with displayed history
 - Removing
 - Active
 - Inserting
- Maximum number of list
- Optional argument to **mapatoms-all** and **where-is**
 - Recursion in Bound and Default Handlers
- Initialization, Reset, and
 - Receive Interrupt
 - Timer Interrupt
 - Transmit Interrupt
- chaos:**
- neti:**
- neti:reset, neti:enable, and neti:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- neti:reset, neti:enable, and neti:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- :enable-services** initialization list INIT 5
- :enable-services** option for **add-initialization** INIT 1
- Enabled events RN 95, PROC 6
- Enabling a network PROT 78
- Enabling and disabling of floating-point traps COND 55
- si: encapsulate** macro FUNC 25
- Encapsulated medium PROT 42
- si: encapsulated-definition** debugging info alist
 - element FUNC 24
- si: encapsulated-function** variable FUNC 24
- Error
 - encapsulation RN 65, STR 52
 - encapsulation interface PROT 70
 - encapsulation interface PROT 72
 - encapsulation mechanism COND 43
- si: encapsulation-standard-order** variable FUNC 27
- Encapsulations FUNC 1, 24
- Rename-within
 - Encapsulations FUNC 29
- time: encode-universal-time** function MISCUI 6
- Encoded mouse clicks WINDOC 67
- Mouse button
 - encoding SCROLL 9
- si:make-hardcopy-stream** HARD 10
- Elapsed Time in 60ths of a Second MISCUI 2
- Elapsed Time in Microseconds MISCUI 3
- Electric Font Lock Mode (m-X) Zmacs
 - command ZMACS 180
- Electric PL1 mode ZMACS 145
- Electric Shift Lock mode ZMACS 18
- Electric Shift Lock Mode (m-X) TOOLS 12
- Electric Shift Lock Mode (m-X) Zmacs
 - command ZMACS 180
- element FUNC 24
- element at origin INED 9
- element** primitive type PROT 30
- elements ARR 4
- elements ARR 4
- elements ARR 4
- elements ARR 4
- elements ARR 4
- elements PRIM 11
- elements ARR 10
- elements RN 144
- elements ARR 10
- elements INED 3
- elements from list MAC 38
- elements in arrays ARR 4, 12
- elements into list MAC 38
- Elements of the **tv:choose-variable-values-keyword**
 - Property MENUS 70
- Elements out-of-bounds COND 61
- elements to be printed PRIM 92
- Eliminate record of changes PROT 25
- eliminated RN 7
- Eliminated RN 97
- else** keyword FLOW 45
- EMACS editor STR 72
- EMACS Mode (m-X) Zmacs command ZMACS 181
- Enable PROT 77
- Enable bit NETIO 70
- Enable bit NETIO 70
- Enable bit NETIO 70
- enable** function RN 107
- enable** function RN 107, 108, NETIO 92
- :enable** message PROT 78
- neti:reset, neti:enable, and neti:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- neti:reset, neti:enable, and neti:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- :enable-services** initialization list INIT 5
- :enable-services** option for **add-initialization** INIT 1
- Enabled events RN 95, PROC 6
- Enabling a network PROT 78
- Enabling and disabling of floating-point traps COND 55
- si: encapsulate** macro FUNC 25
- Encapsulated medium PROT 42
- si: encapsulated-definition** debugging info alist
 - element FUNC 24
- si: encapsulated-function** variable FUNC 24
- Error
 - encapsulation RN 65, STR 52
 - encapsulation interface PROT 70
 - encapsulation interface PROT 72
 - encapsulation mechanism COND 43
- si: encapsulation-standard-order** variable FUNC 27
- Encapsulations FUNC 1, 24
- Rename-within
 - Encapsulations FUNC 29
- time: encode-universal-time** function MISCUI 6
- Encoded mouse clicks WINDOC 67
- Mouse button
 - encoding SCROLL 9

- Encoding keyboard input STR 3
- Encrypt Buffer ZMACS 108
- Encrypt Buffer (m-X) Zmacs command ZMACS 108
- Encrypt Text (m-X) Zmail command ZMAILT 11
- Encrypted ZMAILT 37
- NBS encryption ZMAILT 11
- Encryption Available: Zmail Tutorial and Reference Manual ZMAILT 11
- END LMS 38, 3600 5, TOOLS 8
- end** PRIM 103
- Goto End ZMACS 24, 60
- Mark End ZMACS 81
- END and c-END swapped in Converse RN 116
- END command ZMAILT 8, 13, 24, 42, 46
- END completion command ZMACS 13, 43
- END Converse command RN 116, CONV 8
- END Dired command ZMACS 134
- END FSPT Editor command FILE 68
- End Kbd Macro ZMACS 184
- End Kbd Macro Zmacs command ZMACS 183
- Adding to the End of an Array ARR 15
- Moving to end of buffer ZMACS 60
- Logical end of data NETIO 57
- EOF End Of Definition ZMACS 56
- End of File packet NETIO 57
- End of Line ZMACS 23, 57
- Delete to end of line RN 44, WINDOC 28
- Erase to end of line RN 44, WINDOC 28
- Delete to end of window RN 44, WINDOC 28
- Erase to end of window RN 44, WINDOC 28
- :end** option for **zwei:open-editor-stream** MISCUI 20
- :end** option for **zwei:with-editor-stream** MISCUI 20
- Front End Processor INT 68
- End-of-data NETIO 57
- Read past the end-of-file error COND 56
- sys:** **end-of-file** flavor COND 56
- End-of-file on input streams PRIM 109
- :end-of-line-exception** WINDOC 23
- :end-of-page-exception** WINDOC 23
- tape:** **end-of-tape** flavor COND 75, TAPE 7
- Ending the Transfer with QFILE PROT 87
- Endtests FLOW 44, 51
- Enter a breakpoint loop MISC 7
- Enter mail mode recursively ZMAILT 47
- Using the mouse to enter Zmacs ZMACS 10
- Entering and Exiting Zmail ZMAILT 17
- Entering and Leaving FED FED 3
- Entering Converse ZMACS 30
- Entering Debugger COND 52
- Entering File System Editor ZMACS 30
- Entering Flavor Examiner ZMACS 30
- Entering Inspector ZMACS 30
- Entering Lisp ZMACS 30
- Entering Peek ZMACS 30
- Entering Terminal ZMACS 30
- Entering the Debugger DEBUG 1
- Entering Zmacs ZMACS 10, 30
- Entering Zmail ZMACS 30, ZMAILT 17
- Entering Zwei editor MISCUI 1
- Garbage collect entire Lisp environment STOR 8
- Entities FUNC 7, 11
- Printing entities FLAV 61
- Entities: Closures FUNC 36
- Entities: Flavors FLAV 61
- entity** 3600 32
- Entity FUNC 36
- Inspecting an entity MISCT 3
- Printed representation of an entity PRIM 89

- Line item
- Mouse-sensitive
- :function** line item
- :string** line item
- :symeval** line item
- :value** line item
- Compiled object code as line item
- Function
- Lambda expression as line item
- Microcode
- Named-lambda expression as line item
- Symbol line item
- :mouse** line item
- :mouse-item** line item
- Function
- Function
- Customizing the Zmacs
- Garbage collect entire Lisp
- Introduction to the Lisp
- Lisp
- MDL programming
- Lisp
- Specifying compiler
- QFILE
- Send
- Waiting for Acknowledgement of the
- QFILE Marks and
- chaos:**
- Loop
- Hashing on
- Inspecting hash arrays of
- :area** init option for **si:**
- :growth-factor** init option for **si:**
- :rehash-before-cold** init option for **si:**
- :size** init option for **si:**
- si:**
- New function:
- eq** versus
- Hashing on
- sort** predicate should return nil for
- si:**
- :rehash-threshold** init option for **si:**
- si:**
- Matrices and Systems of Linear
- Simultaneous linear
- Data Circuit Terminating
- Data Terminal
- :entity** argument to **typep** PRIM 5
- entity** function 3600 32, FUNC 36, FLAV 61
- entityp** function 3600 31, PRIM 5
- Entrance and Exit FLOW 42
- entries SCROLL 5, 6
- entries SCROLL 6
- entry SCROLL 6
- entry SCROLL 6
- entry SCROLL 6
- entry SCROLL 6
- entry SCROLL 6
- entry SCROLL 6
- entry PRIM 1
- entry SCROLL 6
- entry SCROLL 6
- entry attribute SCROLL 9
- entry attribute SCROLL 9
- Entry Frame PRIM 1, FUNC 10, COMP 1
- Entry Frames INT 37
- :entry** option to **trace** TOOLS 89, DEBUG 20
- :entrycond** option to **trace** TOOLS 89, DEBUG 20
- :entryprint** option to **trace** TOOLS 89, DEBUG 20
- Environment ZMACS 177
- environment STOR 8
- Environment LMS 18
- environment LMS 18
- environment FLOW 35
- environment features list MISC 17
- Environment stack INT 1
- environments COMP 23
- EOF PROT 87
- EOF NETIO 81
- EOF End of File packet NETIO 57
- :eof** message STR 15
- EOF Packet on Writing with QFILE PROT 109
- EOF Packets PROT 94
- eof-op** variable PROT 91
- epilogue FLOW 35, 42
- eq** PRIM 47
- eq** function PRIM 6, 61
- eq** hash tables not permitted RN 145
- EQ instruction INT 44
- eq** versus **equal** PRIM 6, 7
- eq-hash-table** PRIM 43
- eq-hash-table** PRIM 43
- eq-hash-table** PRIM 43
- eq-hash-table** PRIM 43
- eq-hash-table** flavor PRIM 43
- eqi** RN 44
- eqi** function RN 44, PRIM 7
- equal** PRIM 6, 7
- equal** PRIM 47
- equal elements RN 144
- equal** function PRIM 7
- equal-hash** function PRIM 48
- equal-hash-table** PRIM 44
- equal-hash-table** flavor PRIM 44
- Equations ARR 19
- equations ARR 19
- Equipment NETIO 23
- Equipment NETIO 23
- Equivalence sign (\equiv) character in ITS
- pathnames FILE 48
- Equivalence sign character (\equiv) in logical
- pathnames FILE 49
- [Erase All] Font Editor menu item FED 15, 19, 29
- Erase backward to start of line ZMACS 71

- Erased character WINDOC 28
- Erased line WINDOC 28
- Erased messages WINDOC 28
- Erased string WINDOC 28
- Erased to end of line RN 44, WINDOC 28
- Erased to end of window RN 44, WINDOC 28
- Erased window RN 44, WINDOC 28
- Erasing Text ZMACS 25, 66
- Disk error COND 58
- Division by zero error COND 54
- Drawing on unprepared sheet error COND 57
- Drawing past edge of screen error COND 57
- Exponent overflow error COND 56
- Exponent underflow error COND 56
- Illegal redefinition error COND 58
- Invalid type code error COND 54
- IOC error NETIO 75
- Logarithm of nonpositive number error COND 55
- Read past the end-of-file error COND 56
- Read-only error COND 57
- Singular matrix operation error COND 55
- Square root of a negative number error COND 56
- Stack group state error COND 56
- Stack overflow error COND 57
- Storage allocation error COND 57
- Throw tag error COND 57
- Unbound closure variable error COND 53
- Unbound instance variable error COND 53
- Undefined function error COND 54
- CRC Error bit NETIO 70
- Disk error code INT 59
- Disk Error Codes INT 65
- QFILE Error Codes PROT 124, 125
- Disk Error conditions COND 4, INT 2
- Flow and Error Conditions INT 64
- Error Control NETIO 50
- :error** deexposed timeout action WINDOC 9
- Error Display DEBUG 2
- Error encapsulation RN 65, STR 52
- :error** file-opening option STR 59
- error** flavor COND 4, 49, 52, TOOLS 124
- Tape Error Flavors TAPE 6
- New error flavors: **sys:parse-error** and **sys:parse-error** RN 23
- error** function COND 4, 25
- Disk Error Handling INT 62
- Passing packet error information NETIO 56
- Storing disk error information INT 58
- Error logging code COND 16
- Error message from a received CLS or LOS packet NETIO 81
- Error message stream STR 18
- Disk Error Meters INT 67
- Error object COND 49
- :error** option to **trace** TOOLS 89, 93, DEBUG 20
- Error recovery ZMACS 32
- Automatic error recovery INT 60
- QFILE Error Responses PROT 123
- :error** symbol in **:if-does-not-exist** option for **open** INT 69
- :error** symbol in **:if-exists** option for **open** INT 69
- :error** symbol in **:if-locked** option for **open** INT 69
- :error** value of **open** option **:if-does-not-exist** RN 25, STR 63
- :error** value of **open** option for **:if-exists** RN 25, STR 63
- Disk Error Variables INT 64
- Disk error-checking INT 29

- Arithmetic errors COND 54
 - Array Errors COND 60
 - bitbit** errors COND 57
 - Eval Errors COND 61
 - Evaluator errors COND 61
 - File creation errors COND 69
 - File deletion errors COND 71
 - File lookup errors COND 67
 - File property errors COND 70
 - File rename errors COND 70
 - File-system Errors COND 64
 - Function-calling Errors COND 59
 - Instance variable errors COND 58
 - Invalid contents in cell errors COND 53
 - Invalid file operation errors COND 69
 - Invalid pathname syntax errors COND 69
 - Lisp Errors COND 53
 - Location Errors COND 54
 - Login errors COND 66
 - Network Errors COND 73, PROT 77
 - Pathname Errors COND 72
 - Protection-violation errors COND 68
 - Signalling Errors COND 24
 - Tape Errors COND 75
 - Unbound variable errors COND 53
 - QFILE Errors and Asynchronous Marks PROT 123
 - Recovering from Errors and Stuck States LMS 8
 - Interning errors based on **sys:package-error** COND 62
 - Syntax errors in read functions RN 23
 - Avoid Errors in the Mouse Process RN 149
 - Errors inside Lisp printer COND 63
 - Errors Involving Lisp Printed Representations COND 63
 - Miscellaneous System Errors Not Categorized by Base Flavor COND 56
 - New message to arithmetic errors: **operands** RN 98
 - [Server Errors] File System Maintenance menu item SITE 1
 - [Error] menu item TOOLS 89, 92
 - esc** PRIM 103
 - Esc character 3600 7
 - ESCAPE LMS 38
 - Escape character RN 114, 3600 7
 - escape construct STR 25
 - escape for special characters RN 17
 - ESCAPE Inspector command MISCT 4
 - ESCAPE key 3600 5
 - Using the ESCAPE key with the Input Editor INED 15
 - Escape routines 3600 19
 - Font Editor and Inspector use ESCAPE to evaluate forms RN 116
 - Format escape to user-supplied code STR 25
 - tv:** ***escape-keys*** variable WINDOC 52
 - Escaping from prompts ZMACS 32
 - More Esoteric Transformations MAINT 25
 - :essential-mixin** symbol in **:documentation** option to **defflavor** FLAV 35
 - :handle-mouse** method of **tv:** **essential-mouse** WINDEX 16, 18
 - :mouse-buttons** method of **tv:** **essential-mouse** WINDEX 17
 - :mouse-click** method of **tv:** **essential-mouse** RN 42, WINDOC 69, WINDEX 17,
- Error-correcting protocol PROT 42
 - sys:** **%error-handler-stack-group** variable INT 28
 - error-output** variable STR 18
 - error-restart** special form COND 23, 33, 34
 - error-restart**, selective transformations RN 94
 - error-restart-loop** macro TOOLS 121
 - error-restart-loop** special form COND 23, 33, 34, WINDEX 7, 8
 - :error-type** method of **si:disk-error-event** INT 65
 - errorp** function PRIM 5, COND 26
 - Errors COND 1
- Improvements to **make-system:**
 - Errors COND 1

- 18
- :mouse-moves** method of **tv**:
 - Changes to **:mouse-click** method of **tv**:
 - tv**:
 - :center-around** method of **tv**:
 - :expose-near** method of **tv**:
 - :set-edges** method of **tv**:
 - :set-inside-size** method of **tv**:
 - :set-position** method of **tv**:
 - :set-size** method of **tv**:
 - :activate-p** init option for **tv**:
 - :edges-from** init option for **tv**:
 - :expose-p** init option for **tv**:
 - :minimum-height** init option for **tv**:
 - :minimum-width** init option for **tv**:
 - :timeout-window** init option for **tv**:
- Reference Material:
- Connection
 - New **open** option:
- The
- LM-2 Interlan
 - Xerox 3-MB
 - Interfacing to
- declare and
- essential-mouse** WINDEX 16, 18
 - essential-mouse** RN 42
 - essential-mouse** flavor WINDEX 16
 - essential-set-edges** WINDOC 82
 - essential-set-edges** WINDOC 82
 - essential-set-edges** WINDOC 81
 - essential-set-edges** WINDOC 80
 - essential-set-edges** WINDOC 81
 - essential-set-edges** WINDOC 80
 - essential-window** WINDOC 23
 - essential-window** WINDOC 79
 - essential-window** WINDOC 23
 - essential-window** WINDOC 79
 - essential-window** WINDOC 79
 - essential-window-with-timeout-mixin** WINDEX 77
 - Establishing a connection NETIO 42, 53, 84, 93
 - Establishing Handlers COND 9
 - Establishing Handlers COND 10
 - Establishment NETIO 53
 - :estimated-length** RN 25
 - :estimated-length** option RN 25
 - :estimated-length** option for **open** INT 69
 - ESTIMATED-LENGTH QFILE OPEN option PROT 102
 - Estimating Run Time INT 52
 - Ether NETIO 34
 - Ether Contention NETIO 38
 - Ethernet 3600 11, PROT 35
 - Ethernet attributes PROT 79
 - Ethernet interface PROT 72
 - Ethernet PUP network PROT 12
 - Ethernets PROT 79
 - Eval Errors COND 61
 - eval** function EVAL 17
 - &eval** lambda-list keyword FUNC 14
 - :eval** menu item type MENUS 10, SCROLL 9
 - :eval** pane constraint WINDOC 93
 - :eval-form** option for **prompt-and-read** RN 85, MISCUI 13
 - :eval-form-or-end** option for **prompt-and-read** RN 85, MISCUI 13
 - :eval-inside-yourself** message FLAV 48
 - eval-when** COMP 6
 - :eval-when** option for **defstruct** DEFS 7
 - eval-when** special form COMP 6, 8
 - evalhook** DEBUG 33
 - Evalhook EVAL 17
 - evalhook** function RN 72, 73, DEBUG 33, 34
 - evalhook** variable DEBUG 33
 - Evaluate a Lisp form RN 116
 - Evaluate And Exit ZMACS 161
 - Evaluate And Replace Into Buffer (m-X) TOOLS 70
 - Evaluate and Replace Into Buffer (m-X) Zmacs command ZMACS 92, 161
 - Evaluate Buffer (m-X) TOOLS 70
 - Evaluate Buffer (m-X) Zmacs command ZMACS 160
 - Evaluate Changed Definitions (m-X) TOOLS 70
 - Evaluate Changed Definitions (m-X) Zmacs command ZMACS 161
 - Evaluate Changed Definitions Of Buffer (m-sh-E) TOOLS 70
 - Evaluate Changed Definitions of Buffer (m-X) Zmacs command ZMACS 161
 - (Evaluate Changed Definitions Of Buffer) TOOLS 70
 - evaluate forms RN 116
 - Evaluate Into Buffer (m-X) TOOLS 70
 - Evaluate Into Buffer (m-X) Zmacs command ZMACS
- m-sh-E
- Font Editor and Inspector use ESCAPE to

- 160
- Evaluate Minibuffer ZMACS 160
 - Evaluate Minibuffer (m-ESCAPE) TOOLS 70
 - (Evaluate Minibuffer) TOOLS 70
 - Evaluate Region ZMACS 160
 - Evaluate Region (c-sh-E) TOOLS 70
 - Evaluate Region (m-X) Zmacs command ZMACS 160, 161
 - Evaluate Region Verbose ZMACS 160, 161
 - (Evaluate Region) TOOLS 70
 - Evaluating code TOOLS 63, 68, 88
 - Evaluating Forms From FED FED 31
 - Evaluation EVAL 1, COMP 5
 - Functions: Evaluation EVAL 11
 - Introduction: Evaluation EVAL 1
 - Multiple and Out-of-order Evaluation MAC 21
 - Stepping Through an Evaluation DEBUG 31
 - Variables: Evaluation EVAL 3
 - Evaluation and Compilation ZMACS 160
 - Evaluation commands ZMACS 160
 - Evaluation in loops FLOW 42
 - evaluation in macro definitions MAC 7
 - Evaluation iteration-driving clauses FLOW 37
 - Evaluation of special forms COMP 6
 - Evaluation of special functions FUNC 7
 - Evaluation of structure initialization forms DEFS 15
 - Evaluator FUNC 7
 - Evaluator errors COND 61
 - Testing for even number PRIM 64
 - :even pane constraint WINDOC 93
 - evenp function PRIM 64
 - Event COND 1
 - event RN 95, PROC 6
 - event RN 95, PROC 6
 - event RN 95, PROC 6
 - Event Accessor Functions INT 59
 - event tasks INT 58
 - event tasks currently allocated INT 59
 - event tasks that can be concurrently allocated INT 59
 - Events INT 58
 - events RN 95, PROC 6
 - every function PRIM 37
 - Examine Functions FUNC 22
 - Examiner ZMACS 30
 - Examiner RN 1, LMS 35, MISCT 7
 - Examiner (SELECT X) RN 114
 - Examining Buffers ZMACS 104
 - Examining the Stack COND 16
 - Examining the Stack COND 17
 - Examining values of instance variables DEBUG 13
 - Example PROT 67
 - example PROT 42
 - example PROT 42
 - example PROT 42
 - Example INT 40
 - example INT 7
 - Example MENUS 37
 - Example MENUS 88
 - Example NETIO 30
 - Example MENUS 19
 - Example MENUS 86
 - Example MENUS 71
 - Example MENUS 77
 - Example MENUS 31
 - Example MENUS 92
 - Example MENUS 43
 - Example MENUS 55
- :dial
- :mmdf
- :x25
- A More Advanced
- Canonical coroutine
- Dynamic Menu
- Mouse-sensitive Areas
- Simple
- Standard Momentary Menu
- tv:basic-mouse-sensitive-items
- tv:choose-variable-values Type Definition
- tv:choose-variable-values-window
- tv:command-menu
- tv:margin-choice-mixin
- tv:momentary-multiple-menu
- tv:multiple-choice

- tv:multiple-choose** Menu Example MENUS 53
- tv:multiple-menu-choose** Example MENUS 48
- tv:multiple-menu-choose-menu** Example MENUS 49
- tv:pop-up-menu** Example MENUS 26
 - User Options Example MENUS 67
 - Geometry Example 1: A Multicolumned Menu MENUS 15
- tv:momentary-menu** Example 1: Simple Momentary Menu MENUS 23
- tv:momentary-menu** Example 2: Item List as Init-plist Option MENUS 24
 - Geometry Example 2: Retrieving Geometry Information MENUS 16
- tv:momentary-menu** Example 3: Centered Label and Use of General List Items MENUS 24
- tv:momentary-menu** Example 4: Using the Mouse Buttons MENUS 25
- An Example of a Handler COND 3
- An Example of **defstruct-define-type** DEFS 29
- An Example of Stack Groups INT 7
- Example Path Definition FLOW 58
- Examples WINDEX 1
- Examples MENUS 63
- Examples RN 65
- Examples of High Disk Performance INT 78
- Examples of Specifications of Panes and Constraints WINDOC 90
- Examples of the Use of Closures FUNC 33
- Examples of Use of the Input Editor STR 52
- Examples: Packages PKG 23
- exceptions COND 55
- Exchange Characters ZMACS 66
- Exchange Lines ZMACS 71
- Exchange Regions ZMACS 82
- Exchange Sexps ZMACS 70
- Exchange Words ZMACS 68
- Exclamation point (!) line continuation indicator ZMACS 20, 46
- Exclusive or PRIM 76
- Exclusive-or alu function WINDOC 34
- Executable code PRIM 1
- Execute MENUS 12
- :execute** message MENUS 12, SCROLL 9
- :execute** message **tv:menu** MENUS 23
- Executing MENUS 12
- Executing a menu item MENUS 12
- Execution DEBUG 19
- Execution DEBUG 24
- execution of functions PROC 11
- execution of Lisp RN 133
- Exist on the 3600 3600 3
- Existing on the 3600 3600 31
- existing on the 3600 3600 32
- Existing on the 3600 3600 23
- Existing on the LM-2 and 3600 3600 24
- Existing Only on the 3600 3600 24
- Exit ZMACS 162
- Exit ZMACS 43
- Exit ZMACS 134
- Exit FLOW 42
- Exit ZMACS 161
- exit FLOW 25
- exit bit COND 43
- Exit choice box MENUS 62
- exit code FLOW 35, 42
- Exit control structures FLOW 1
- exit control structures FLOW 1
- exit from marked frame message COND 43
- Exit If Unique ZMACS 43
- :exit** option to **trace** TOOLS 89, DEBUG 20
- :exitbreak** option to **trace** TOOLS 89, 93, DEBUG 20
- Floating point
- Choosing and
- Tracing Function
- Untracing Function
- Asynchronous
- h-c-upper-left stops
- LM-2 Keys That Do Not
- Features Not
- set-memory-size**: Features not
- Subprimitives Not
- Subprimitives
- Subprimitives
- Compile and
- Complete And
- Dired
- Entrance and
- Evaluate And
- Nonlocal
- Trap on
- Loop
- Nonlocal
- Break on
- Complete And

- :exitcond option to trace TOOLS 89, DEBUG 20
 - Exiting from Debugger ZMAILT 24
 - Exiting Zmacs ZMACS 30
 - Exiting Zmail ZMAILT 17
 - Exiting Zmail ZMAILT 17
 - :exitprint option to trace TOOLS 89, DEBUG 20
 - Exits FLOW 9
 - Exits: Differences Between the LM-2 and 3600 3600 28
 - Exits: Flow of Control FLOW 25
 - [EXIT] Font Editor menu item FED 30
 - [Exit] Inspector menu item MISCT 5
 - [Exit] menu item TOOLS 96
 - [Exit] Profile Mode menu item ZMAILC 7
 - exp function PRIM 75
 - Expand Expression ZMACS 165
 - Expand Expression (c-sh-M) TOOLS 96
 - Expand Expression (m-X) Zmacs command ZMACS 165
 - Expand Expression All ZMACS 165
 - Expand Expression All (m-X) TOOLS 96
 - Expand Expression) TOOLS 96
 - Expand Macros MAC 33
 - expand-range function RN 51, INT 86
 - Expanded character set ARR 25
 - expanded to Lisp functions MAC 3
 - expander functions MAC 26
 - Expanding Expressions ZMACS 165
 - Expanding Into Many Forms MAC 18
 - Expanding macros TOOLS 93
 - Expands Macros in a Different Area STOR 6
 - Expansion MAC 26
 - expansion STOR 6
 - expansion in compiler process FUNC 10
 - expansions MAC 29
 - :experimental system status MAINT 37
 - Expiration-date field ZMAILT 37
 - Explicit (m-SPACE) TOOLS 55
 - Explicit) TOOLS 55
 - explode function PRIM 117
 - explodect function PRIM 117
 - exploden function PRIM 117
 - exponent characters RN 17, PRIM 95
 - exponent identifier RN 17
 - exponent identifier RN 17
 - exponent identifier RN 17
 - exponent identifier RN 17
 - exponent identifier RN 17
 - exponent identifier RN 17
 - Exponent overflow PRIM 61
 - Exponent overflow error COND 56
 - Exponent underflow PRIM 61
 - Exponent underflow error COND 56
 - Exponential notation PRIM 89
 - exponential notation STR 25
 - exponential representation PRIM 61, 89
 - exponential representation PRIM 61, 89
 - Exponentiation PRIM 73
 - Exponents RN 17
 - export function PKG 27, 45
 - :export option for defpackage PKG 7, 33
 - :export option for make-package PKG 7, 35
 - :export proceed type PKG 51
 - Export, and Shadow PKG 45
 - Exporting symbols PKG 7, 23, 27, 45, 46
 - Exporting Symbols PKG 7
 - :expose deexposed timeout action WINDOC 9
 - :expose message WINDOC 6
- Entering and
 - Blocks and
 - Nonlocal
 - Nonlocal
 - Macro
 - Macro
 - Macro
 - Macro
 - Macro
 - c-sh-M (Macro
 - Functions to
 - meter:
 - Macros
 - Macro
 - Macros
 - Compiler No Longer
 - Functions Used During
 - Macro
 - Macro
 - Displaced macro
 - Push Pop Point
 - m-SPACE (Push Pop Point
 - Floating-point
 - B
 - D
 - E
 - F
 - L
 - S
 - Print number in
 - E
 - S
 - Reader Accepts Common Lisp Floating Point
 - Import,
 - Importing and

- :expose** message **tv:menu** MENUS 101
- Expose window MENUS 98
- :expose-near** method of
 - tv:essential-set-edges** WINDOC 82
- :expose-p** init option for
 - tv:essential-window** WINDOC 23
- :expose-p** init option for **tv:menu** MENUS 98
- :expose-p** init option to
 - tv:minimum-window** TOOLS 108
- Ready to be
 - exposed WINDOC 6
 - Exposed windows WINDOC 6, 13
 - Exposing menu window MENUS 23
 - Exposing windows WINDOC 6, 82
- Screen Arrays and
 - Exposure WINDOC 6
 - expr** Maclisp type FUNC 11
 - *expr** special form COMP 10
- Cursor Motion by Lisp
 - doing** clause
 - lambda**
 - Macro Expand
 - Mark Lisp
 - Top-level
 - Macro Expand
 - Macro Expand
 - Macro Expand
 - Macro Expand
 - Macro Expand
 - Lambda
 - Named-lambda
- c-sh-M** (Macro Expand
 - Expression) TOOLS 96
 - :expression-or-end** option for **prompt-and-read** RN 85, MISCUI 13
 - expressions 3600 14
- # +** conditional
- Deleting and Transposing Lisp
 - Expanding
 - Parenthesizing
- Point Motion Among Top-Level
- X=** date directory last
 - Expression) TOOLS 96
 - :expression-or-end** option for **prompt-and-read** RN 85, MISCUI 13
 - expressions 3600 14
 - Expressions ZMACS 69
 - Expressions ZMACS 165
 - Expressions ZMACS 164
 - Expressions ZMACS 55
 - Expressions in loop constructs FLOW 36
 - expt** function PRIM 73
 - [Expunge All FS] Maintenance Operations menu item SITE 1
 - EXPUNGE QFILE command PROT 114
 - Expunge/Save/Kill menu ZMAILT 47
 - expunged indicator FSED 5
 - [Expunge] File System Editor menu item FSED 1
 - Expunging ZMAILT 59
 - Expunging buffer ZMAILC 29
 - Expunging collection ZMAILC 29
 - Expunging current mail sequence ZMAILC 30
 - Expunging deleted messages ZMAILT 13
 - Expunging mail buffers ZMAILC 18, 30
 - Expunging mail collections ZMAILC 30
 - Expunging, and Versions FILE 62
 - Expunging, Killing, and Renaming ZMAILC 30
 - Extended (m-X) commands LMS 22
 - extended (m-X) commands LMS 22
 - Extended Command ZMACS 5
 - Extended Command ZMACS 6
 - Extended command key bindings ZMACS 36
 - Extended commands ZMACS 4, 5, 35
 - :extension** option to **make-plane** RN 80, ARR 21
 - Extensions to **defstruct** DEFS 29
 - external arrays ARR 23
 - :external** colon mode PKG 33, 35
 - External symbols RN 6, PKG 4, 7
 - External value cell FUNC 31
 - :external-only** option for **defpackage** PKG 33
- Deletion, Saving,
 - Expunging, and Versions FILE 62
 - Expunging, Killing, and Renaming ZMAILC 30
- Zmacs
 - extended (m-X) commands LMS 22
 - Extended Command ZMACS 5
 - Extended Command ZMACS 6
 - Extended command key bindings ZMACS 36
 - Extended commands ZMACS 4, 5, 35
- Any
 - Extended Command ZMACS 6
 - Extended command key bindings ZMACS 36
 - Extended commands ZMACS 4, 5, 35
- Multics
 - external arrays ARR 23
 - :external** colon mode PKG 33, 35
 - External symbols RN 6, PKG 4, 7
 - External value cell FUNC 31
 - :external-only** option for **defpackage** PKG 33

:package message to **sys:**
:string message to **sys:**
sys:
 Number of
 Objects in the
:external-only option for **make-package** PKG 35
 External-only Packages and Locking PKG 58
external-symbol-not-found PKG 51
external-symbol-not-found flavor PKG 51
external-symbol-not-found PKG 51
 Extra Features of Arrays ARR 4
 extra pages to be read from disk 3600 29
 Extra paging space FILE 75
extra-pdl-area STOR 6
:extra-width init option for
tv:choose-variable-values MENUS 62
 Extract position field of a byte-specifier RN 50, PRIM
 80
 Extract size field of a byte specifier RN 50, PRIM 80
 Extracting cdr-code INT 19
 Extracting data type field INT 19
 Extracting flag-bit field INT 19
 Extracting pointer field INT 19
 Extracting value from chosen item MENUS 23

F

F

F

SELECT
 c-X
 FUNCTION
 SELECT
 SYSTEM
 c-X
 Set Fill Column (c-X)
 Introduction: Smiling
 Smiling
 Source Code: Smiling
 Combining Choice
 Customizable
 Customizing Hardcopy
 Debugger help
 Editing help
 General help
 Hash table
 Help
 Introduction to the Menu
 Lisp Machine hardcopy
 List of Choice
 Mail help
 Modifying the Choice
 Overview of the Choice
 Standard
 Standard and Customizable
 The Choice Facilities: the Choice
 Zmacs general help
 Zmacs help
 Zmail help
 Choice
 The Choice
 3600 Serial I/O
 Comma character (,) in backquote
 Converse
 Draft message
 Patch
 Read-time conditionalization
 System
 The Choose Variable Values
 The Margin Choice
 F ZMACS 30
 F (Set Fill Column) TOOLS 12
 F command PROT 18
 F command FILE 67
 F command FILE 67
 F connection flag NETIO 77
 F exponent identifier RN 17
 F Font Editor command FED 30
 F Peek command MISCU 3
 F Zmacs command ZMACS 27, 180
 F) TOOLS 12
 Face WINDEX 56
 Face WINDEX 55
 Face WINDEX 61
 Facilities MENUS 4
 facilities MENUS 3
 Facilities HARD 7
 facilities LMS 26
 facilities LMS 22
 facilities LMS 22
 facilities PRIM 32
 facilities LMS 7
 Facilities MENUS 7
 facilities HARD 1
 Facilities MENUS 2
 facilities LMS 28
 Facilities MENUS 5
 Facilities MENUS 2
 facilities MENUS 3
 Facilities MENUS 3
 Facilities MENUS 1
 facilities LMS 22
 facilities LMS 22
 facilities LMS 28
 Facilities Use the Flavor System MENUS 4
 Facilities: the Choice Facilities MENUS 1
 Facility NETIO 23
 facility MAC 7
 facility RN 116
 facility ZMAILT 44
 Facility MAINT 27
 facility PRIM 99
 facility MAINT 1
 Facility MENUS 57
 Facility MENUS 91

- The Mouse-sensitive Items
- The Multiple Choice
- The Multiple Menu Choose
- The tv:mouse-y-or-n-p
- The User Option
- UNIBUS map
- User option
- Whoppers
- Stream
- FOR
- Hasharray
- Miscellaneous file operations
- Miscellaneous Operations
- Request
- Flavor
- Defining
- sys:**
- chaos:**
- Page
- Add
- [Add
- sys:**
- sys:**
- Arpanet INR/INS attention-getting
- Outside-accessible instance variables
- The **sys:reset-temporary-area**
- Variable-monitoring
- Optimizer
- MAR
- Previously Undocumented
- New
- FEP Version 14: New
- FEP Version 15: New
- FEP Version 16: New
- Unsupported
- New
- New
- New
- New
- New
- New
- Lisp environment
- set-memory-size:**
- Extra
- Advanced
- New
- Facility MENUS 81
- Facility MENUS 51
- Facility MENUS 47
- Facility MENUS 20
- Facility MENUS 66
- facility NETIO 105
- facility MENUS 2
- facility FLAV 27
- Facility for Editor Buffers MISCUI 19
- Facility for Handling Messages to Flavor
 - Objects FLAV 27
- facility in Interlisp FLOW 35
- facility of Interlisp PRIM 42
- failures COND 71
- Failures COND 71
- failures based on **fs:file-request-failure** COND 66
- fal-temp-area** variable 3600 29
- false** function EVAL 22
- Families FLAV 45
- family of flavors RN 54
- :fasd-form** message FLAV 55, COMP 25
- fasd-update-file** function 3600 27
- Fasdump COMP 25
- fasl-append** function 3600 27
- fasl-constants-area** variable 3600 29
- fasl-table-area** variable 3600 29
- fasload** function 3600 13, 27, STR 72
- :fasload** transformation MAINT 7
- Fast boot process SITE 30
- FAST QFILE DIRECTORY option PROT 120
- Fast Where Am I ZMACS 37
- fast-answer-string** function NETIO 87
- fault PROC 3
- fboundp** function PRIM 56
- Fcc field ZMAILT 37, 41
- Fcc Field (m-X) Zmail command ZMAILT 41
- Fcc Field] Headers Editor menu item ZMAILT 41
- fdefine** function FUNC 1, 16
- fdefine-file-pathname** variable FUNC 18
- fdefinedp** function FUNC 21
- fdefinition** function FUNC 21
- fdefinition-location** function FUNC 21
- feature NETIO 63
- feature FLAV 5
- Feature STOR 5
- feature 3600 32
- feature of the compiler COMP 19
- feature region INT 28
- Feature: Coroutine Streams RN 89
- feature: Flavor Examiner (SELECT X) RN 114
- Features RN 133
- Features RN 135
- Features RN 136
- Features ZMAILC 35
- Features Associated with the Input Editor (Rubout
 - Handler) RN 57
- Features in Lisp in Release 5.0 RN 44
- Features in Networks in Release 5.0 RN 108
- Features in the File System in Release 5.0 RN 120
- Features in Utilities in Release 5.0 RN 114
- Features in Zmacs in Release 5.0 RN 124
- Features in Zmail in Release 5.0 RN 130
- features list MISCF 17
- Features Not Existing on the 3600 3600 31
- Features not existing on the 3600 3600 32
- Features of Arrays ARR 4
- Features of **defmacro** MAC 31
- Features: New Compiler 3600 14

	FEP filename format	INT 69
	FEP files	TAPE 9
Accessing	FEP Files	INT 69
Copying	FEP Files	INT 79
Naming of	FEP Files	INT 69
Renaming	FEP Files	FILE 74
3600	FEP files selected for dumping	TAPE 14
	FEP host	INT 69
Changes to the	FEP in Release 5.0	RN 133
Abbreviated	FEP input	NETIO 1
	FEP Load World command	3600 27
	FEP resetting	NETIO 7
	FEP Show Status Command Output	NETIO 17
	FEP software version	NETIO 6
	FEP Supports Hdlc Serial I/O	RN 133
	FEP version	NETIO 1
	FEP Version 14: New Features	RN 133
	FEP Version 15: Improvements	RN 135
	FEP Version 15: Incompatible Changes	RN 133
	FEP Version 15: New Features	RN 135
	FEP Version 16: Improvements	RN 137
	FEP Version 16: New Features	RN 136
	FEP Version 17: Improvements	RN 140
	FEP Version 18: Improvements	RN 140
	Fep0:)\mfs.file file	FILE 72
	Fep0:)page.page file	FILE 72
	ferror flavor	COND 52
	ferror function	COND 4, 26
	fexpr Maclisp type	FUNC 11
	*fexpr special form	COMP 10
	FH QFILE token	PROT 93
Acknowledgement packet header	field	NETIO 44, 50, 56
	%%arg-desc-evald-rest numeric argument descriptor	field 3600 27, FUNC 23
	%%arg-desc-fef-bind-hair numeric argument descriptor	field 3600 27, FUNC 23
	%%arg-desc-fef-quote-hair numeric argument descriptor	field 3600 27, FUNC 23
	%%arg-desc-interpreted numeric argument descriptor	field 3600 27, FUNC 23
%%arg-desc-max-args numeric argument descriptor	field	3600 27, FUNC 23
%%arg-desc-min-args numeric argument descriptor	field	3600 27, FUNC 23
%%arg-desc-quoted numeric argument descriptor	field	3600 27
	%%arg-desc-quoted-rest numeric argument descriptor	field 3600 27, FUNC 23
%%arg-desc-rest-arg numeric argument descriptor	field	3600 27
Assembly language address	field	INT 37
Assembly language comment	field	INT 37
Assembly language destination	field	INT 37
Assembly language instruction	field	INT 37
Backward-references	field	ZMAILT 37
Bcc	field	ZMAILT 37
Bfcc	field	ZMAILT 37
Cc	field	ZMAILT 8, 13, 35, 37, 41
Cdr-code	field	PRIM 29
Chan_state channel blockvector	field	NETIO 95
Chan_sta_rxav channel blockvector	field	NETIO 95
Chan_sta_rxw channel blockvector	field	NETIO 95
Chan_sta_txw channel blockvector	field	NETIO 95
Chan_sta_txwa channel blockvector	field	NETIO 95
Count packet header	field	NETIO 44
Date	field	ZMAILT 37
Destination Address packet header	field	NETIO 44
Destination Index packet header	field	NETIO 44
Destroying cdr-code	field	INT 19
Destroying data type	field	INT 19
Destroying flag-bit	field	INT 20
Destroying pointer	field	INT 19

Draft-Composition-Date	field	ZMAILT 37
Expiration-date	field	ZMAILT 37
Extracting data type	field	INT 19
Extracting flag-bit	field	INT 19
Extracting pointer	field	INT 19
Fcc	field	ZMAILT 37, 41
Forward-references	field	ZMAILT 37
Forwarding-count	field	NETIO 46
From	field	ZMAILT 37, 41
In-reply-to	field	ZMAILT 37, 41
Justify text within	field	STR 25
%%kbd-mouse-button	field	WINDOC 67
Message-ID	field	ZMAILT 37
Opcode pkt header	field	NETIO 89
Operation packet header	field	NETIO 44
Packet Number packet header	field	NETIO 44
Redistributed-by	field	ZMAILT 37
Redistributed-date	field	ZMAILT 37
Redistributed-to	field	ZMAILT 37
References	field	ZMAILT 37
Reply-to	field	ZMAILT 37
Resent-by	field	ZMAILT 37
Resent-date	field	ZMAILT 37
Resent-to	field	ZMAILT 37
Sender	field	ZMAILT 37
Source Address packet header	field	NETIO 44
Source Index packet header	field	NETIO 44
Subject	field	ZMAILT 8, 13, 37, 41
To	field	ZMAILT 8, 13, 35, 37, 41
Translating pathname type	field	FILE 17
Type-code	field	3600 11
Add Fcc	Field (m-X) Zmail command	ZMAILT 41
Add From	Field (m-X) Zmail command	ZMAILT 41
Add In Reply To	Field (m-X) Zmail command	ZMAILT 41
Block number	field in disk address	INT 55
Unit number	field in disk address	INT 55
Text	field in Zmail messages	ZMAILC 3
Extract size	field of a byte specifier	RN 50, PRIM 80
Extract position	field of a byte-specifier	RN 50, PRIM 80
Memory word	field variables	INT 20
Altering Header	Fields	ZMAILT 41
Byte	Fields	DEFS 19
Header	fields	ZMAILC 33
%%kbd	fields	STR 3
Packet header	fields	NETIO 44
Pruning header	fields	ZMAILC 19
Redistributed- header	fields	RN 130
Referencing byte	fields	INT 18
Resent- header	fields	RN 130
Header	fields in Zmail messages	ZMAILC 3
[Add Cc	Field] Headers Editor menu item	ZMAILT 41
[Add Fcc	Field] Headers Editor menu item	ZMAILT 41
[Add From	Field] Headers Editor menu item	ZMAILT 41
[Add In Reply To	Field] Headers Editor menu item	ZMAILT 41
[Add Subject	Field] Headers Editor menu item	ZMAILT 41
[Add To	Field] Headers Editor menu item	ZMAILT 41
fifth	function	PRIM 20
File	ZMACS	19
:hardcopy-devices	option in the site	file HARD 1, 7
>BAD-BLOCKS.FEP	file	INT 75
>DISK-LABEL.FEP	file	INT 75
>FREE-PAGES.FEP	file	INT 75
>spt. fspt	file	FILE 67
>SEQUENCE-NUMBER.FEP	file	INT 75
Add region to patch	file	MAINT 34
AI: LISP.M; DEF.MIC >	file	INT 44
Bin	file	FLAV 31
Compiled	file	PKG 13

Copy	File	ZMACS 121
Creating a	File	ZMACS 29
Current mail	file	ZMAILT 3
Default mail	file	ZMAILC 3, 4
Default move-destination	file	ZMAILC 20
Delete	File	ZMACS 122, STR 67
Dired Copy	File	ZMACS 137
Dired Edit	File	ZMACS 137
Dired Hardcopy	File	ZMACS 140
Dired Rename	File	ZMACS 137
Dired View	File	ZMACS 137
DSK:(SYSTEM)HOSTS2.BIN	file	NETIO 83
Editing a	File	ZMACS 29
Editor major mode for	file	STR 72
Fep0:)>lms.file	file	FILE 72
Fep0:)>page.page	file	FILE 72
Find	File	ZMACS 27, 108
Font.qfasl	file	FED 27
HOSTS.TEXT	file	PROT 26
Increase size of FEP	file	INT 71
Init	file	RN 34, FILE 30
Initializing a FEP	File	INT 78
Install patch	file	MAINT 34
ITS init	file	FILE 48
Lms.file	file	FILE 67
Logging host output to	file	RN 114
Mail	file	ZMAILT 11
Moving a Message to a	File	ZMAILC 20
Namespace descriptor	file	SIG 2
Naming a	File	ZMACS 109
Patch	file	MAINT 27
Patch directory	file	MAINT 30
Primary mail	file	ZMAILT 11, 47
Print	file	STR 68
Program source	file	STR 70
Rename	file	RN 27, ZMACS 120, STR 66
Save	File	ZMACS 27, 109
Saving terminal interactions in	file	MISCF 15
Saving the Mail	File	ZMAILT 13
Source	file	COMP 5
sys:dump-forms-to-file	always puts package attribute into binary	
	file	RN 82
Sysdcl	file	PKG 32
System declaration	file	PKG 32, 53
System version-directory	file	MAINT 30
SYSTEM:HOSTS2.BIN	file	NETIO 83
Tape directory	file	SITE 5
TOPS-20 init	file	FILE 46
True name of	file	STR 70
Undelete specified	file	STR 67
Visit	File	ZMACS 109
Wallpaper	file	MISCF 15
Write	File	ZMACS 27, 109
Find	File (c-X c-F)	TOOLS 9
Change in numeric arguments to Copy	File (m-X)	RN 124
Compile	File (m-X)	TOOLS 67
Insert	File (m-X)	TOOLS 59
Load	File (m-X)	TOOLS 68
Set Patch	File (m-X)	TOOLS 11
Append To	File (m-X) Zmacs command	ZMACS 112
Compile	File (m-X) Zmacs command	ZMACS 162
Copy	File (m-X) Zmacs command	RN 28, 124, ZMACS 121, STR 68, FILE 19
Delete	File (m-X) Zmacs command	ZMACS 122
Hardcopy	File (m-X) Zmacs command	ZMACS 120, HARD 1
Insert	File (m-X) Zmacs command	ZMACS 112
Prepend To	File (m-X) Zmacs command	ZMACS 112
Reap	File (m-X) Zmacs command	ZMACS 122

- Rename File (m-X) Zmacs command ZMACS 120, FILE 19
- Set Patch File (m-X) Zmacs command ZMACS 128
- View File (m-X) Zmacs command ZMACS 120
- Select Arbitrary Format Mail File (m-X) Zmail command ZMAILC 34
- File Access NETIO 64
- File access paths PROT 53
- Filter-mail file alist ZMAILC 27, 31
- Set commands for file and buffer attributes ZMACS 127
- Backspace** file attribute STR 72
- Backspace file attribute ZMACS 128
- Base file attribute ZMACS 128
- Base** file attribute STR 72
- Fonts** file attribute STR 72
- Lowercase** file attribute STR 72
- Lowercase file attribute ZMACS 128
- Mode** File Attribute STR 72
- Nofill file attribute ZMACS 129
- Package** file attribute STR 72
- Patch-File file attribute ZMACS 129
- Patch-File** file attribute STR 72
- Tab-Width file attribute ZMACS 130
- Vsp file attribute ZMACS 130
- File Attribute Checking ZMACS 126
- File attribute list PKG 13, STR 72
- Major-mode-setting Commands Now Query About Updating
 - File Attribute List RN 126
- Parser for file attribute list STR 72
- File Attribute Lists STR 72
- Parsing file attribute lists STR 72
- Warnings about file attribute lists ZMACS 126
- File attributes ZMACS 125, ZMAILC 35
- Buffer and File Attributes ZMACS 125
- Copying file attributes RN 124
- User-defined file attributes STR 72
- File backup flag ZMACS 140
- File block number INT 68, 73
- Translate relative file block number into disk address INT 72
- Show File command NETIO 6
- Changes to Font Editor File Commands RN 113
- File contents NETIO 6, 13
- File creation errors COND 69
- FEP file data map INT 72
- File deletion errors COND 71
- File directories TOOLS 40
- File directory STR 79
- Show File FEP command RN 134
- FILE FEP file type INT 75
- file flag FSED 5
- file flag FSED 5
- File flags ZMACS 103
- file for hosts in namespace PROT 25
- file format ZMAILC 34
- BABYL mail file format ZMAILC 34, 35
- RMAIL mail file format ZMAILC 34, 35
- TENEX mail file format ZMAILC 34, 35
- UNIX mail file format ZMAILC 34, 35
- VAX/VMS mail file format ZMAILC 34
- Mail File Formats ZMAILC 34
- Standard mail file formats ZMAILC 34
- Supported file formats FED 27
- QFILE file handle PROT 87
- Mail file hints ZMAILC 31
- File Host [Reload/Retrieve] parameter SITE 10
- Find File In Fundamental Mode (m-X) Zmacs command ZMACS 110
- file indicator PROT 21
- changes descriptor file indicator PROT 21
- version descriptor file indicator PROT 21
- FEP File Locks INT 74

- Maclisp
- Host-independent
- Set Visited
- Default
- Compiled
- Default mail
- Disk
- Inbox
- Other mail
- Renamed inbox
- Source
- Init
- ! character,
- Probe
- Invalid
- Miscellaneous
- summary-window-format** Baby
- EOF End of
- Init
- Zmail Init
- Dired Change
- FEP
- View
- Change
- View
- FEP
- :author** file property STR 79
- :author** FEP file property INT 74
- :block-size** file property STR 79
- :byte-size** file property STR 79
- :creation-date** file property STR 79
- :creation-date** FEP file property INT 74
- :directory** FEP file property INT 74
- :dont-delete** FEP file property INT 74
- :length** FEP file property INT 74
- :length-in-blocks** file property STR 79
- :length-in-bytes** file property STR 79
- :not-backed-up** file property STR 79
- :reference-date** file property STR 79
- :truename** FEP file property INT 74
- File property errors COND 70
- FILE protocol NETIO 64
- File Protocol (QFILE) PROT 85
- File Protocol (QFILE) PROT 85
- File rename errors COND 70
- File restore format NETIO 7
- file server STR 59
- File server computer FILE 1
- file servers NETIO 64
- file servers STR 59
- file servers STR 59
- file** Service PROT 54
- File Space FILE 75
- File spec FILE 17
- File Stream Operations STR 76
- file streams STR 76
- File subcommand HARD 1
- File Lookup COND 67
- File lookup errors COND 67
- file manipulation FILE 55
- File Manipulation Commands ZMACS 119
- file name FILE 17
- File Name (m-X) Zmacs command ZMACS 110
- File Name Changed for Commands in Dired
 - Buffer RN 126
 - File name conventions FILE 1
 - file names ZMAILC 33
 - file names ZMAILC 33
 - File Names ZMAILC 33
 - file names ZMAILC 33
 - file names ZMAILC 33
 - file names ZMAILC 33
 - file names ZMAILC 33
 - file names ZMAILC 33
 - File Naming Conventions FILE 54
 - file not backed up flag FSED 5
 - File opened for input RN 24, STR 61
 - File opened for output RN 24, STR 61
 - file opening RN 24, STR 61
 - file operation errors COND 69
 - file operations failures COND 71
 - file option RN 129
 - [File options] Profile Mode menu item ZMAILC 28
 - File packet NETIO 57
 - File partition SIG 42
 - File Pathnames Standardized RN 34
 - File Pathnames Standardized RN 129
 - File properties PROT 119
 - File Properties ZMACS 136
 - File Properties FILE 72
 - File Properties ZMACS 120
 - File Properties (m-X) Zmacs command ZMACS 123
 - File Properties (m-X) Zmacs command ZMACS 120
 - File Properties: 3600 Disk System User Interface INT 74
- Chaosnet
- Introduction: Chaosnet
- PDP-10
- Access files on network
- Remote
- TOPS-20
- Adding a Spare World Load as LMFS
- Messages to
- Dired Print

- FEP File System: 3600 Disk System User Interface INT 68
- FEP File System: Naming of Files FILE 42
- Host File Systems Supported FILE 40
- QFILE File Transfer Philosophy PROT 86
- Chaosnet File Transfer Protocol PROT 85
- .bin file type 3600 13
- .bn file type 3600 13
- .fep file type RN 134, LMS 34
- .qbin file type 3600 13
- >DIR FEP file type INT 75
- BIN file type COMP 1
- Binary file type 3600 13
- FEP FEP file type INT 75
- FILE FEP file type INT 75
- FLOD FEP file type INT 75
- FSPT FEP file type INT 75
- LOAD FEP file type INT 75
- MIC FEP file type INT 75
- PAGE FEP file type INT 75
- QBIN file type COMP 1
- Font Editor file type defaults RN 113
- File type for compiled code files COMP 1
- New canonical file type: :msc RN 126
- File Types COMP 1
- Compiled Code File Types 3600 13
- FEP File Types INT 75
- System file types TAPE 15
- File types and major modes ZMACS 182
- File types of major modes ZMACS 182
- File types of patch files MAINT 30
- File Users PROT 53
- File versions ZMACS 102
- Comparing file versions ZMACS 137
- Edit File Warnings (m-X) Zmacs command ZMACS 163, COMP 13
- Opening a File with QFILE PROT 87
- Find File Zmacs command ZMACS 28, 29
- Save File Zmacs command ZMACS 28
- Write File Zmacs command ZMACS 29
- c-X c-F (Find File) TOOLS 9
- :file-access-path message INT 72
- fs: file-already-exists flavor COND 69
- fs: %file-asynchronous-mark-opcode variable PROT 91
- file-control-lifetime: host object attribute PROT 9
- compiler: file-declaration function COMP 16
- compiler: file-declare function COMP 16
- fs: file-error flavor COND 65
- sys: file-local-declarations variable COMP 15
- fs: file-locked flavor COND 72
- fs: file-lookup-error flavor COND 67
- file-name global-name to spooled-printer HARD 3
- fs: file-not-found flavor COND 68
- fs: %file-notification-opcode variable PROT 91
- fs: file-open-for-output flavor COND 72
- :byte-size file-opening option STR 59
- :character file-opening option STR 59
- :direction file-opening option STR 59
- :error file-opening option STR 59
- :preserve-dates file-opening option STR 59
- fs: file-operation-failure flavor COND 3, 65
- fs: file-properties function STR 67, 81
- fs: file-property-bindings function STR 75
- fs: file-read-attribute-list function STR 72
- fs: file-read-property-list function STR 74
- Request failures based on fs: file-request-failure COND 66
- fs: file-request-failure flavor COND 65

- File-system Errors COND 64
- file-system package PKG 49
- si: *file-transformation-function* variable MAINT 21
- *fs: file-type-mode-alist* Lisp variable ZMACS 182
- fs: *file-type-mode-alist* variable FILE 19
- Filed message property ZMAILT 3
- Filename FILE 1
- [filename / Hardcopy] File System Editor menu item HARD 1
- Filename completion STR 79
- filename format INT 69
- filenames NETIO 80
- FILEPOS QFILE command PROT 110
- FILEPOS QFILE command byte size problem PROT 111
- fs: filepos-out-of-range flavor COND 72
- Files LMS 16, ZMACS 27, STR 59
- files FED 28
- files FED 28
- files 3600 13
- files RN 134
- files RN 134, LMS 34
- Files STR 59
- Files INT 69
- Files ZMACS 141
- files COMP 25
- files ZMACS 27
- files TOOLS 9
- files WINDOC 54, FED 28
- files PKG 46
- files LMS 34
- files PROT 21, 23
- files ZMACS 119
- files COMP 25
- Files FILE 71, NETIO 3
- files SIG 6
- files RN 28, TOOLS 58, ZMACS 137, STR 68
- Files INT 79
- files TOOLS 9
- Files ZMACS 27
- Files ZMACS 196
- Files FILE 8
- files STR 59
- files STR 59
- files ZMAILT 44
- Files MISCF 15
- Files PRIM 47
- files TAPE 9
- files FILE 71
- Files FILE 42
- files COMP 1
- files MAINT 30
- Files SITE 12
- Files LMS 17
- Files NETIO 97
- Files ZMAILC 31
- files ZMAILC 3, 4
- files MISCF 11, TOOLS 11, 59, ZMACS 196
- files COMP 25
- Files PROT 21
- files COMP 25
- Files STR 70
- files STR 72
- files STR 71
- files PROT 21, 23
- files ZMAILC 3, 7
- Files ZMACS 101
- files NETIO 7

Symbolics, Inc. March 1984

- Namespace database descriptor files PROT 21
- Naming of Files FILE 1
- Naming of FEP Files INT 69
- New Function for Putting Data in Compiled Code Files 3600 32
- Numbers in compiled code files COMP 25
- Object files PROT 21, 22
- Paging files NETIO 7
- Patch files STR 72, TAPE 15
- Pathname Messages: Naming of Files FILE 32
- Protecting Files ZMACS 139
- Putting Data in Compiled Code Files COMP 25
- QFASL files FED 27
- Ramifications of Host Colon Change for Babyl Files RN 129
- Reading font files FED 27
- Relative Pathnames: Files FILE 16
- Reloading files SITE 4
- Renaming Files ZMACS 137
- Renaming FEP Files FILE 74
- Repatriating files SITE 14
- Retrieving files SITE 4
- Saving a List of Mail Files ZMAILC 28
- Saving messages in disk files ZMAILT 44
- Selecting mail files ZMAILC 27
- Symbols in compiled code files COMP 25
- Types of Patch Files MAINT 30
- Using the mouse with List Files ZMACS 119
- Working With Buffers and Files ZMACS 102
- Writing font files FED 27
- List Files (m-X) Zmacs command ZMACS 119
- Save All Files (m-X) Zmacs command ZMACS 108
- Comparing Files and Buffers ZMACS 113
-)Configuration.fep Files Are Now Called)Boot.boot RN 134
- Loading files asynchronously STR 72
- Dump deleted files dump parameter SITE 5
- Special Files for Creating Connections NETIO 97
- New Zwei command: Find Files in Tag Table (m-X) RN 125
- Find Files in Tag Table (m-X) Zmacs command ZMACS 97
- Find Files in Tag Table (m-X) Zwei command RN 125
- Access files on network file servers NETIO 64
- Retrieve Single Files option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- 3600 FEP files selected for dumping TAPE 14
- Files That Mac!isp Must Compile COMP 23
- Files That Must Be Compiled on the 3600 and the LM-2 COMP 21
- Sending press files to Dover printer NETIO 67
- Writing contents of files to magnetic tape SITE 4
- Files to retrieve [Reload/Retrieve] parameter SITE 10
- files with buffers ZMACS 27
- files with multiple fonts HARD 9
- files with **summary-window-format** other than **t** or **nil** need to be edited RN 129
- Pathnames, Files, and Directories LMS 16
- Files: Font Editor FED 27
- [Close All Files] Maintenance Operations menu item SITE 1
- [Mail files] Profile Mode menu item ZMAILC 27, 28
- [Restore Draft File] Editor menu item ZMAILT 44
- [Save Draft File] Editor menu item ZMAILT 44
- [Write Draft File] Editor menu item ZMAILT 44
- [Read File] Font Editor menu item RN 113, FED 27, 30
- [Write File] Font Editor menu item RN 113, FED 27, 30
- [Find file] Map over Move menu item ZMAILC 31
- [Find file] Zmail menu item ZMAILC 27
- [Read/Create file] Zmail Select menu item ZMAILC 27
- Set Fill Column ZMACS 180
- Set Fill Column (c-X F) TOOLS 12
- c-X F (Set Fill Column) TOOLS 12

- Auto Fill Lisp Comments Mode (c-m-X) Zmacs command ZMACS 180
- Fill Long Comment (m-X) TOOLS 23
- Auto Fill mode ZMACS 18, 129, 179
- Auto Fill Mode (m-X) TOOLS 12
- Auto Fill Mode (m-X) Zmacs command ZMACS 180
- Fill Paragraph ZMACS 83
- Fill pointer ARR 4, 12
- Set Fill Prefix ZMACS 83
- Fill Region ZMACS 83
- math:** **fill-2d-array** function ARR 20
- :fill-p** init option for **tv:menu** MENUS 14, 98
- :fill-p** message **tv:menu** MENUS 14
- fill-pointer** function ARR 11
- sys:** **fill-pointer-not-fixnum** flavor COND 60
- fillarray** function ARR 16
- Filled format MENUS 14, 98
- :filled-elements** message PRIM 45
- [All] filter ZMAILC 8
- Selecting messages based on filter ZMAILT 53, ZMAILC 17
- Filter Creation Display ZMAILC 10, 17, 31
- [Abort] Filter Creation Display menu item ZMAILC 10
- [And] Filter Creation Display menu item ZMAILC 10
- [Before] Filter Creation Display menu item ZMAILC 31
- [Close] Filter Creation Display menu item ZMAILC 10
- [Documentation] Filter Creation Display menu item ZMAILC 10
- [Done] Filter Creation Display menu item ZMAILC 10
- [Not] Filter Creation Display menu item ZMAILC 10
- [Or] Filter Creation Display menu item ZMAILC 10
- [Sample] Filter Creation Display menu item ZMAILC 10
- Filter menus ZMAILC 10
- Filter Selection Display ZMAILC 10, 17
- [New filter] Filter Selection Display menu item ZMAILC 10
- [Not] Filter Selection Display menu item ZMAILC 8
- [Unseen] Filter Selection Display menu item ZMAILC 31
- Filter-keyword alist ZMAILC 25
- Filter-mail file alist ZMAILC 27, 31
- Filter-universe alist ZMAILC 21
- Filters ZMAILC 8
- Creating Filters ZMAILC 10
- Header filters ZMAILC 8
- Keyword filters ZMAILC 8
- Mail collection filters ZMAILC 8
- Predefined filters ZMAILC 8
- Profile mode filters ZMAILC 10
- Property filters ZMAILC 8
- Satisfying filters ZMAILC 8
- Saving Filters ZMAILC 12
- Selecting Filters ZMAILC 8
- Summary window filters ZMAILC 10
- User-defined filters ZMAILC 8
- [Filters (M)] Zmail Profile Mode command ZMAILC 21
- [By individual] filters] Map over Move menu item ZMAILC 30
- [Filters] Profile Mode menu ZMAILC 25
- [Filters] Profile Mode menu item ZMAILC 10, 12, 27
- [New filter] Filter Selection Display menu item ZMAILC 10
- [Filter] Message Summary Line menu item ZMAILC 28
- finally** clause FLOW 42
- finally** keyword FLOW 42
- Find File ZMACS 27, 108
- Find File (c-X c-F) TOOLS 9
- Find File in Fundamental Mode (m-X) Zmacs command ZMACS 110
- Find File Zmacs command ZMACS 28, 29
- (Find File) TOOLS 9
- c-X c-F Find Files in Tag Table (m-X) RN 125
- New Zwei command:

- Find Files in Tag Table (m-X) Zmacs
 - command ZMACS 97
 - Find Files in Tag Table (m-X) Zwei command RN 125
 - [Find file] Map over Move menu item ZMAILC 31
 - [Find file] Zmail menu item ZMAILC 27
 - Find String (m-X) Zmail command ZMAILT 53, ZMAILC 17
 - [Find String] Map over menu item ZMAILC 17, 30
 - Find Unbalanced Parentheses (m-X) TOOLS 24
 - Find Unbalanced Parentheses (m-X) Zmacs
 - command ZMACS 38
 - find-all-symbols** function PKG 39
 - lmfs:** **find-backup-copies** function SITE 12
 - fs:** **find-file-with-type** function FILE 31
 - net:** **find-network-interfaces** function PROT 71
 - net:** **find-object-from-property-list** function PROT 27
 - net:** **find-object-named** function PROT 27
 - net:** **find-objects-from-property-list** function RN 143, PROT 27
 - net:** **find-path-to-protocol-on-host** function PROT 39
 - net:** **find-path-to-service-on-host** function PROT 39
 - net:** **find-paths-to-protocol-on-host** function PROT 39
 - net:** **find-paths-to-service** function PROT 39
 - net:** **find-paths-to-service-on-host** function PROT 39
 - find-position-in-list** function PRIM 33
 - find-position-in-list-equal** function PRIM 34
 - %find-structure-boxed-size** function 3600 23
 - %find-structure-header** function 3600 23, INT 14
 - %find-structure-leader** function 3600 23, INT 15
 - %find-structure-total-size** function 3600 23
 - :finder** option for **defresource** STOR 18
 - Finding a Handler COND 23
 - Finding a Server Description PROT 81
 - Finding Backup Copies of Files SITE 12
 - Finding information about machine addresses INT 34
 - finding out about flavors ZMACS 202
 - finding out about Lisp ZMACS 201
 - Finding Out About Patchable Systems MAINT 29
 - finding out about the state of buffers ZMACS 201
 - finding out about the state of Zmacs ZMACS 201
 - Finding Out About Zmacs Commands ZMACS 34
 - Finding Out Why Your Machine Crashed NETIO 14
 - Finding Paths to Hosts PROT 42
 - Finding source code ZMACS 156
 - Finding the right command ZMACS 35
 - FINGER protocol NETIO 65
 - net:** **finger-all-lispms** function NETIO 86
 - net:** **finger-local-lispms** function NETIO 86
 - net:** **finger-location** variable NETIO 85
 - finger-location:** host object attribute PROT 7
 - :finish** STR 76
 - chaos:** **finish** function RN 107
 - :finish** message STR 15
 - Finish Patch (m-X) Zmacs command ZMACS 174, MAINT 34
 - FINISH QFILE command PROT 110
 - finish** renamed RN 107
 - FINISH system call NETIO 75
 - chaos:** **finish-conn** function RN 107, NETIO 90
 - %finish-function-call** special form 3600 25
 - :finish-timeout** method of **tv:stream-mixin** RN 64, WINDOC 51
 - :finish-timeout, :rescanning-p, :force-rescan, :replace-input, :read-bp** RN 63
 - Finishing-choices MENUS 51
 - first** function PRIM 20
 - First message ZMAILT 13
- Zmacs commands for
Zmacs commands for
- Zmacs commands for
Zmacs commands for
- chaos:stream, chaos:close, and chaos:**
- chaos:**
- New methods of **tv:stream-mixin: :start-timeout,**

- Printed representation of a
New subprimitives: **sys:**
Run time of
- sys:**
- Circumflex (^) in
Underscore (_) in
- time:**
- String representation of
Half-size
- ! character, file not backed up
\$ character, do not reap file
● character, do not delete file
C connection
Dired Complement Dont Delete
Dired Complement No Reap
F connection
File backup
I connection
Modification
More
O connection
Output hold
Right margin character
S connection
T connection
+
- Destroying
Extracting
File
Status
- tv:**
- Base
break
Changing a
condition
dbg:bad-array-mixin
dbg:debugger-condition
- :first** option for **add-initialization** INIT 1
firstn function PRIM 26
:fix argument to **typep** PRIM 5
fix function 3600 22, PRIM 75
Fixed bridge connection type NETIO 46
Fixed-point number PRIM 3
Fixed-width fonts WINDOC 23, 58
Fixed-width italic font RN 75
Fixnum PRIM 1, 4, 61
fixnum PRIM 89, 93
%fixnum and **sys:%flonum** 3600 22
fixnum arithmetic INT 52
Fixnum arrays ARR 23
fixnum data-type keyword FLOW 48
fixnum function 3600 27
%fixnum function 3600 22
:fixnum option for **with-open-file** STR 59
Fixnum radix PRIM 94
:fixnum returned by **typep** PRIM 5
Fixnum structure type DEFS 7
:fixnum symbol in **:type** option to **deconstruct** DEFS 7
fixnum syntax PRIM 93
fixnum syntax PRIM 93
:fixnum-array symbol in **:type** option to **deconstruct** DEFS 7
fixnum-microsecond-time function MISCUI 3
fixnump function PRIM 4
Fixnums 3600 11
fixnums ARR 25
Fixnums as array elements ARR 4
fixnums as array elements ARR 4
fixp function PRIM 3
fixr function PRIM 75
FLAG NETIO 77
flag FSED 5
flag FSED 5
flag FSED 5
flag NETIO 77
Flag ZMACS 140
Flag ZMACS 139
flag NETIO 77
flag ZMACS 140
flag NETIO 77
flag ZMACS 103
flag WINDOC 23
flag NETIO 77
flag WINDOC 9, 23, 33
flag WINDOC 23
flag NETIO 77
flag NETIO 77
flag in Zmacs ZMACS 103
Flag-bit INT 18
flag-bit field INT 20
flag-bit field INT 19
flags ZMACS 103
Flags ZMAILC 25
Flashing the screen STR 15
Flashy scrolling WINDEX 76
flashy-scrolling-mixin flavor WINDEX 76, 78
flatc function PRIM 117
flatsize function PRIM 117
flavor FLAV 45
flavor COND 52
Flavor FLAV 58
flavor COND 4, 49, 51, TOOLS 124
flavor COND 60
flavor COND 23, 31, 49, 52

Symbolics, Inc. March 1984

dbg:proceedable-ferror	flavor	COND 52
dbg:special-commands-mixin	flavor	COND 45
error	flavor	COND 4, 49, 52, TOOLS 124
ferror	flavor	COND 52
fquery	flavor	MISCUI 11
fs:access-error	flavor	COND 68
fs:change-property-failure	flavor	COND 70
fs:circular-link	flavor	COND 71
fs:correctable-login-problems	flavor	COND 67
fs:create-directory-failure	flavor	COND 69
fs:create-link-failure	flavor	COND 70
fs:creation-failure	flavor	COND 69
fs:data-error	flavor	COND 66
fs:delete-failure	flavor	COND 71
fs:device-not-found	flavor	COND 68
fs:directory-already-exists	flavor	COND 70
fs:directory-not-empty	flavor	COND 71
fs:directory-not-found	flavor	RN 98, COND 68
fs:dont-delete-flag-set	flavor	COND 71
fs:file-already-exists	flavor	COND 69
fs:file-error	flavor	COND 65
fs:file-locked	flavor	COND 72
fs:file-lookup-error	flavor	COND 67
fs:file-not-found	flavor	COND 68
fs:file-open-for-output	flavor	COND 72
fs:file-operation-failure	flavor	COND 3, 65
fs:file-request-failure	flavor	COND 65
fs:filepos-out-of-range	flavor	COND 72
fs:host-not-available	flavor	COND 66
fs:inconsistent-options	flavor	COND 71
fs:incorrect-access-to-directory	flavor	COND 69
fs:incorrect-access-to-file	flavor	COND 68
fs:invalid-byte-size	flavor	COND 71
fs:invalid-operation-for-directory	flavor	COND 69
fs:invalid-operation-for-link	flavor	COND 69
fs:invalid-password	flavor	COND 67
fs:invalid-pathname-component	flavor	COND 72
fs:invalid-pathname-syntax	flavor	COND 69
fs:invalid-property-value	flavor	COND 70
fs:invalid-wildcard	flavor	COND 69
fs:link-target-not-found	flavor	COND 68
fs:login-problems	flavor	COND 67
fs:login-required	flavor	COND 67
fs:multiple-file-not-found	flavor	RN 70, COND 68
fs:network-lossage	flavor	COND 66
fs:no-file-system	flavor	COND 66
fs:no-more-room	flavor	COND 71
fs:not-available	flavor	COND 72
fs:not-enough-resources	flavor	COND 66
fs:not-logged-in	flavor	COND 67
fs:parse-pathname-error	flavor	COND 72
fs:pathname	flavor	FILE 19
fs:pathname-error	flavor	COND 72
fs:rename-across-directories	flavor	COND 70
fs:rename-across-hosts	flavor	RN 70, COND 70
fs:rename-failure	flavor	COND 70
fs:rename-to-existing-file	flavor	COND 70
fs:undefined-logical-pathname-translation	flavor	RN 37, COND 73
fs:unimplemented-option	flavor	COND 71
fs:unknown-operation	flavor	COND 66
fs:unknown-pathname-host	flavor	COND 73
fs:unknown-property	flavor	COND 70
fs:unknown-user	flavor	COND 67
fs:wildcard-not-allowed	flavor	COND 69
fs:wrong-kind-of-file	flavor	COND 69
lgp:basic-lgp-stream	flavor	TOOLS 114, 115, TOOLS 114, 115
List valid init-options for	flavor	STR 67
math:singular-matrix	flavor	COND 55

Message to an object of some	flavor	FLAV 27
	Miscellaneous System Errors Not Categorized by Base	
	Flavor	COND 56
	Mixin	flavor FLAV 45
mouse-sensitive-regions-mixin	flavor	WINDEX 49
net:network	flavor	PROT 73
	Remove	flavor RN 53, FLAV 30
si:coroutine-bidirectional-stream	flavor	RN 92, STR 24
si:coroutine-input-stream	flavor	RN 92, STR 24
si:coroutine-output-stream	flavor	RN 92, STR 24
si:disk-error-event	flavor	INT 64
si:eq-hash-table	flavor	PRIM 43
si:equal-hash-table	flavor	PRIM 44
si:modem	flavor	RN 111, NETIO 32
si:modem-error	flavor	RN 111, NETIO 32
si:process	flavor	PROC 21
si:property-list-mixin	flavor	FLAV 65
si:serial-hdlc-stream	flavor	RN 110, NETIO 32
si:simple-process	flavor	PROC 21
si:vanilla-flavor	flavor	FLAV 47, TOOLS 131, TOOLS 131
sys:abort	flavor	COND 24, 46, 52, TOOLS 121, TOOLS 121
sys:area-overflow	flavor	COND 57
sys:arithmetic-error	flavor	RN 98, COND 54
sys:array-has-no-leader	flavor	COND 60
sys:array-wrong-number-of-dimensions	flavor	COND 60
sys:bad-array-type	flavor	COND 60
sys:bad-connection-state	flavor	COND 74
sys:bad-data-type-in-memory	flavor	COND 54
sys:bitbit-array-fractional-word-width	flavor	COND 57
sys:bitbit-destination-too-small	flavor	COND 57
sys:call-trap	flavor	COND 43
sys:cell-contents-error	flavor	COND 53
sys:connection-closed	flavor	COND 75
sys:connection-closed-locally	flavor	COND 75
sys:connection-error	flavor	COND 74
sys:connection-lost	flavor	COND 75
sys:connection-no-more-data	flavor	COND 75
sys:connection-refused	flavor	COND 74
sys:cons-in-fixed-area	flavor	COND 57
sys:disk-error	flavor	COND 58
sys:divide-by-zero	flavor	COND 1, 54
sys:draw-off-end-of-screen	flavor	COND 57
sys:draw-on-unprepared-sheet	flavor	COND 57
sys:end-of-file	flavor	COND 56
sys:external-symbol-not-found	flavor	PKG 51
sys:fill-pointer-not-fixnum	flavor	COND 60
sys:float-divide-by-zero	flavor	COND 55
sys:float-divide-zero-by-zero	flavor	COND 56
sys:float-inexact-result	flavor	COND 56
sys:float-invalid-operation	flavor	COND 56
sys:floating-exponent-overflow	flavor	COND 56
sys:floating-exponent-underflow	flavor	COND 56
sys:floating-point-exception	flavor	COND 55
sys:funcall-macro	flavor	COND 62
sys:host-not-responding	flavor	COND 74
sys:host-not-responding-during-connection	flavor	COND 74
sys:host-stopped-responding	flavor	COND 74
sys:instance-variable-pointer-out-of-range	flavor	COND 58
sys:instance-variable-zero-referenced	flavor	COND 58
sys:invalid-form	flavor	COND 61
sys:invalid-function	flavor	COND 61
sys:invalid-lambda-list	flavor	COND 61
sys:local-network-error	flavor	COND 73
sys:name-conflict	flavor	PKG 51
sys:negative-sqrt	flavor	COND 56
sys:network-error	flavor	COND 73
sys:network-resources-exhausted	flavor	COND 73
sys:no-action-mixin	flavor	COND 52

sys:non-positive-log	flavor	COND 55
sys:number-array-not-allowed	flavor	COND 60
sys:package-error	flavor	COND 62, PKG 51
sys:package-locked	flavor	COND 63, PKG 51
sys:package-not-found	flavor	COND 62, PKG 51
sys:parse-error	flavor	RN 23
sys:parse-ferror	flavor	RN 24
sys:pdl-overflow	flavor	COND 57
sys:print-not-readable	flavor	COND 63
sys:read-end-of-file	flavor	COND 63
sys:read-error	flavor	COND 63
sys:read-list-end-of-file	flavor	COND 63
sys:read-string-end-of-file	flavor	COND 64
sys:redefinition	flavor	COND 58
sys:region-table-overflow	flavor	COND 57
sys:remote-network-error	flavor	COND 74
sys:subscript-out-of-bounds	flavor	COND 61
sys:throw-tag-not-seen	flavor	COND 57
sys:too-few-arguments	flavor	COND 59
sys:too-many-arguments	flavor	COND 59
sys:unbound-closure-variable	flavor	COND 53
sys:unbound-instance-variable	flavor	COND 53
sys:unbound-symbol	flavor	COND 53
sys:unbound-variable	flavor	COND 53
sys:unclaimed-message	flavor	COND 62
sys:undefined-function	flavor	COND 54
sys:undefined-keyword-argument	flavor	COND 61
sys:unknown-address	flavor	COND 73
sys:unknown-host-name	flavor	COND 73
sys:unknown-locf-reference	flavor	COND 54
sys:unknown-self-reference	flavor	COND 54
sys:virtual-memory-overflow	flavor	COND 57
sys:write-in-read-only	flavor	COND 57
sys:wrong-stack-group-state	flavor	COND 56
sys:wrong-type-argument	flavor	COND 59
sys:zero-args-to-select-method	flavor	COND 59
tape:end-of-tape	flavor	COND 75, TAPE 7
tape:mount-error	flavor	COND 75, TAPE 6
tape:tape-device-error	flavor	COND 75, TAPE 7
tape:tape-error	flavor	COND 75, TAPE 6
The Basic Choose Variable Values	Flavor	MENUS 72
The Basic Multiple Choice	Flavor	MENUS 54
The tv:margin-choice-mixin	Flavor	MENUS 91
tv:abstract-dynamic-item-list-mixin	flavor	MENUS 35
tv:any-tyl-mixin	flavor	RN 40, TOOLS 120, TOOLS 120
tv:autoexposing-more-mixin	flavor	WINDOC 33
tv:basic-choose-variable-values	flavor	MENUS 72
tv:basic-constraint-frame	flavor	WINDOC 87
tv:basic-menu	flavor	MENUS 20
tv:basic-momentary-menu	flavor	MENUS 20
tv:basic-mouse-sensitive-items	flavor	WINDEX 6, 8, MENUS 82
tv:basic-multiple-choice	flavor	MENUS 54
tv:basic-scroll-bar	flavor	WINDEX 76, 78
tv:basic-scroll-window	flavor	SCROLL 3
tv:bordered-constraint-frame	flavor	WINDOC 89
tv:bordered-constraint-frame-with-shared-io-buffer	flavor	WINDOC 90, WINDEX 31
tv:borders-mixin	flavor	WINDOC 83, WINDEX 6
tv:box-blinker	flavor	WINDOC 67
tv:changeable-name-mixin	flavor	WINDOC 86
tv:character-blinker	flavor	WINDOC 67
tv:choose-variable-values-pane	flavor	MENUS 72
tv:choose-variable-values-window	flavor	MENUS 72
tv:command-menu	flavor	MENUS 31, 95
tv:command-menu-abort-on-deexpose-mixin	flavor	MENUS 30
tv:command-menu-mixin	flavor	MENUS 30, 95
tv:command-menu-pane	flavor	MENUS 31
tv:constraint-frame	flavor	WINDOC 89
tv:constraint-frame-with-shared-io-buffer	flavor	WINDOC 90

tv:delayed-redisplay-label-mixin	flavor	WINDOC 87
tv:dynamic-item-list-mixin	flavor	MENUS 35
tv:dynamic-momentary-menu	flavor	MENUS 36
tv:dynamic-momentary-window-hacking-menu	flavor	MENUS 36
tv:dynamic-multicolumn-mixin	flavor	MENUS 36
tv:dynamic-pop-up-abort-on-deexpose-command-menu	flavor	MENUS 36
tv:dynamic-pop-up-command-menu	flavor	MENUS 36
tv:dynamic-pop-up-menu	flavor	MENUS 36
tv:essential-mouse	flavor	WINDEX 16
tv:flashy-scrolling-mixin	flavor	WINDEX 76, 78
tv:graphics-mixin	flavor	TOOLS 108, TOOLS 108, WINDOC 33
tv:hollow-rectangular-blinker	flavor	WINDOC 66, WINDEX 18
tv:hysteretic-window-mixin	flavor	WINDOC 73
tv:ibeam-blinker	flavor	WINDOC 67
tv:kbd-mouse-buttons-mixin	flavor	RN 42
tv:label-mixin	flavor	WINDOC 85, WINDEX 6
tv:line-truncating-mixin	flavor	WINDOC 32
tv:lisp-listener	flavor	WINDOC 21
tv:list-mouse-buttons-mixin	flavor	RN 42, TOOLS 120, TOOLS 120
tv:list-tyl-mixin	flavor	RN 40
tv:margin-choice-mixin	flavor	MENUS 91
tv:margin-scroll-mixin	flavor	WINDEX 76, 78
tv:margin-space-mixin	flavor	RN 75
tv:menu	flavor	MENUS 13, 21, 95, 97, 101
tv:menu-highlighting-mixin	flavor	MENUS 41
tv:minimum-window	flavor	TOOLS 109, TOOLS 109, WINDOC 21
tv:momentary-menu	flavor	MENUS 21, 95
tv:momentary-multiple-menu	flavor	MENUS 42
tv:momentary-window-hacking-menu	flavor	MENUS 21
tv:mouse-sensitive-text-scroll-window	flavor	WINDEX 30, 31
tv:multiple-choice	flavor	MENUS 54
tv:multiple-menu	flavor	MENUS 42
tv:multiple-menu-choose-menu	flavor	MENUS 49
tv:multiple-menu-choose-menu-mixin	flavor	MENUS 48
tv:multiple-menu-mixin	flavor	MENUS 41
tv:no-screen-managing-mixin	flavor	WINDOC 14
tv:pane-mixin	flavor	WINDOC 88
tv:pane-no-mouse-select-mixin	flavor	WINDEX 30, 31
tv:pop-up-menu	flavor	MENUS 21
tv:pop-up-multiple-menu-choose-menu	flavor	MENUS 49
tv:preemptable-read-any-tyl-mixin	flavor	RN 43
tv:process-mixin	flavor	TOOLS 120, TOOLS 120, WINDEX 7, 8
tv:rectangular-blinker	flavor	WINDOC 66
tv:scroll-mouse-mixin	flavor	SCROLL 9
tv:scroll-window	flavor	SCROLL 3
tv:scroll-window-with-typeout	flavor	SCROLL 3
tv:sheet	flavor	TOOLS 129, TOOLS 129
tv:show-partially-visible-mixin	flavor	WINDOC 14
tv:stream-mixin	flavor	WINDOC 23, 33, 41
tv:temporary-choose-variable-values-window	flavor	MENUS 72
tv:temporary-multiple-choice-window	flavor	MENUS 54
tv:text-scroll-window	flavor	WINDEX 31
tv:text-scroll-window-empty-gray-hack	flavor	WINDEX 31
tv:top-box-label-mixin	flavor	WINDOC 86
tv:top-label-mixin	flavor	WINDOC 86
tv:truncatable-lines-mixin	flavor	RN 102, WINDOC 32
tv:truncating-lines-mixin	flavor	RN 102, WINDOC 23, 32
tv:truncating-window	flavor	RN 102, WINDOC 32
tv:typeout-window	flavor	WINDEX 77
tv:typeout-window-with-mouse-sensitive-items	flavor	WINDEX 77
tv>window	flavor	TOOLS 104, 107, 108, 109, TOOLS 104, 107, 108, 109, WINDOC 21, 41, WINDEX 6
tv>window-hacking-menu-mixin	flavor	MENUS 20
tv>window-with-typeout-mixin	flavor	WINDEX 75, 77
Vanilla	Flavor	FLAV 47
vanilla-flavor	flavor	FLAV 19
zwei:standalone-editor-frame	flavor	MISCUI 23

- Describe Flavor (m-X) TOOLS 131
- Describe Flavor (m-X) Zmacs command FLAV 63
- :case flavor combination COND 40
- Flavor Examiner RN 1, LMS 35, MISCT 7
- Flavor Examiner ZMACS 30
- Flavor Examiner (SELECT X) RN 114
- Flavor Families FLAV 45
- Flavor **fs:undefined-logical-pathname-translation** replaces
- fs:undefined-logical-pathname-directory** RN 37
- Flavor Functions FLAV 23
- flavor hierarchy COND 4
- Flavor inheritance mechanism COND 4
- Flavor Objects FLAV 27
- flavor of instance 3600 24
- :flavor option for **make-process** PROC 11
- :flavor serial I/O parameter NETIO 27
- Flavor System 3600 17
- Flavor System MENUS 4
- Flavor system messages FLAV 47
- Flavor system methods FLAV 47
- Flavor system storing functions FUNC 1
- Flavor **tv:preemptable-read-any-tyl-mixin** obsolete RN 43
- si: **flavor-allowed-init-keywords** function FLAV 32, TOOLS 133, TOOLS 133
- flavor-allows-init-keyword-p** function FLAV 32
- si: ***flavor-compilations*** variable FLAV 33
- si: ***flavor-compile-trace*** variable FLAV 33
- si: **flavor-default-init-get** function FLAV 33
- si: **flavor-default-init-putprop** function FLAV 33
- si: **flavor-default-init-remprop** function FLAV 33
- flavor: **fs:multiple-file-not-found** RN 69
- flavor: **fs:rename-across-hosts** RN 70
- Base flavor: **sys:arithmetic-error** COND 54
- Base flavor: **sys:cell-contents-error** COND 53
- Base flavor: **sys:floating-point-exception** COND 55
- New flavor: **tv:margin-space-mixin** RN 74
- Flavors FUNC 36, FLAV 1, 11, COND 3, WINDOC 2
- flavors MENUS 4
- Combining flavors FLAV 19, 26
- Condition Flavors COND 4, 55
- Conditions as instances of flavors COND 1
- Creating flavors FLAV 23, 57
- Creating a Set of Condition Flavors COND 8
- Creating instances of flavors FLAV 24
- Defining flavors FLAV 23, 57
- Defining family of flavors RN 54
- Entities: Flavors FLAV 61
- Implementation of Flavors FLAV 57
- Instance variables of combined flavors FLAV 19
- Instantiable flavors MENUS 4
- Instantiable Choose Variable Values Flavors MENUS 72
- Instantiable Multiple Choice Menu Flavors MENUS 54
- Instantiable Multiple Menu Choose Flavors MENUS 49
- Instantiable, Basic, and Mixin Flavors MENUS 4
- Introduction: Objects, Message Passing, and Flavors FLAV 1
- Margin Item flavors WINDOC 83
- Mixin flavors MENUS 4
- Mixing Flavors FLAV 19
- Modifying flavors FLAV 30, 58
- Ordering of flavors WINDEX 6
- Pane flavors WINDEX 30
- Process Flavors PROC 21
- Simple Use of Flavors FLAV 13
- Tape Error Flavors TAPE 6
- Tree of flavors FLAV 19

- Window **flavors** WINDOC 21
Zmacs commands for finding out about **flavors** ZMACS 202
Flavors and Messages WINDOC 19
Fonts: **Flavors and Messages** WINDOC 54
The Mouse: **Flavors and Messages** WINDOC 67
Flavors for Panes and Frames WINDOC 88
Condition **Flavors Reference** COND 49
Flavors tv:any-tyl-mixin and tv:list-tyl-mixin
obsolete RN 40
Flavors tv:list-mouse-buttons-mixin and tv:kbd-
mouse-buttons-mixin obsolete RN 42
Init keywords (for **flavors**) TOOLS 133
New error **flavors: sys:parse-error and sys:parse-ferror** RN
23
New **flavors: tv:truncatable-lines-mixin,**
tv:truncating-lines-mixin RN 102
[Flip Points] Font Editor draw mode menu item FED
11
Flipping garbage collector STOR 9, 13
:float argument to **typep** 3600 16, PRIM 5
float function RN 48, 3600 22, PRIM 76, ARR 4
float returns a single-precision number RN 48
sys: float-divide-by-zero flavor COND 55
sys: float-divide-zero-by-zero flavor COND 56
%float-double function PRIM 83
sys: float-inexact-result flavor COND 56
sys: float-invalid-operation flavor COND 56
Floating Point RN 48
floating point STR 25, 39
floating point conditions COND 55
Floating point exceptions COND 55
Floating Point Exponents RN 17
Floating point numbers RN 1
Floating Point on the 3600 3600 15
Floating Point on the LM-2 3600 15
sys: floating-exponent-overflow flavor COND 56
sys: floating-exponent-underflow flavor COND 56
floating-point RN 48
floating-point RN 49
floating-point arithmetic 3600 15
floating-point arithmetic 3600 15
Floating-point exponent characters RN 17, PRIM 95
floating-point format ARR 4
floating-point number RN 49
Floating-point numbers RN 48, 49, 3600 15, PRIM 1,
3, 61
floating-point traps COND 55
floating-point-exception COND 55
floating-point-exception flavor COND 55
floatp function RN 49, PRIM 3
floatp returns **t** for any floating-point number RN 49
FLOD FEP file type INT 75
Flonum RN 49, PRIM 3, 61
flonum RN 48
%flonum 3600 22
flonum PRIM 89, 93
flonum RN 49, PRIM 3
:flonum argument to **typep** 3600 16
flonum arithmetic INT 52
Flonum arrays ARR 23
Flonum as a pane constraint WINDOC 93
Flonum data type 3600 15
flonum data-type keyword FLOW 48
flonum function 3600 27
sys: %flonum function 3600 22
:flonum returned by **typep** PRIM 5
:flonum-array symbol in **:type** option to
defstruct DEFS 7

- Introduction: Flow of Control FLOW 1
 - Nonlocal Exits: Flow of Control FLOW 25
- Flow-control NETIO 50
- [Flush Free Buffer] File System Maintenance menu item SITE 1
- :flush** method of **si:process** PROC 18
- [Flush Timeout] File System Maintenance menu item SITE 1
- :flushed-transfer-count** method of **si:disk-error-event** INT 65
- fmakunbound** function PRIM 56
- :fn1** method of **fs:its-pathname** FILE 49
- :fn2** method of **fs:its-pathname** FILE 49
- follow-cell-forwarding** function INT 13
- :follow-p** init option for **tv:blinker** WINDOC 65
- follow-structure-forwarding** function INT 13
- font WINDOC 59
- font WINDOC 23, 54
- font WINDOC 58
- Fixed-width italic font RN 75
- fonts:cptfont** font WINDOC 58
- fonts:hl10** font WINDOC 54
- fonts:hl10b** font WINDOC 54
- fonts:hl12i** font WINDOC 54
- fonts:medfnt** font WINDOC 54
- fonts:medfnt** font WINDOC 54
- fonts:tr10i** font WINDOC 54
- fonts:tr8** font WINDOC 54
- Font FED 8, 30
- font change indicators ZMAILT 11
- Font characters WINDOC 19
- font commands ZMAILT 11
- Font descriptor WINDOC 54
- Font Displays FED 33
- Font Editor FED 27
- Introduction: Font Editor FED 1
- Transformations: Font Editor FED 19
- Font Editor and Inspector use ESCAPE to evaluate forms RN 116
- Font Editor Basic Concepts FED 5
- / Font Editor command FED 31
- ? Font Editor command FED 30
- @ Font Editor command FED 29
- ABORT Font Editor command FED 31
- B Font Editor command FED 25
- C Font Editor command FED 9, 31
- c-C Font Editor command FED 30
- c-R Font Editor command FED 30
- c-REFRESH Font Editor command FED 31
- c-W Font Editor command FED 30
- D Font Editor command FED 25, 30
- E Font Editor command FED 19, 29
- F Font Editor command FED 30
- G Font Editor command FED 30
- H Font Editor command FED 25, 29
- HELP Font Editor command FED 30
- M Font Editor command FED 30
- Q Font Editor command FED 30
- REFRESH Font Editor command FED 31
- S Font Editor command FED 30
- V Font Editor command FED 23, 30
- \ Font Editor command FED 31
- [Clear Points] Font Editor draw mode menu item FED 11

- [Flip Points] Font Editor draw mode menu item FED 11
- [Set Points] Font Editor draw mode menu item FED 11
- . Font Editor drawing command FED 12
- Changes to Font Editor File Commands RN 113
- [Add in Gray] Font Editor file type defaults RN 113
- [Center View] Font Editor menu item FED 16, 30
- [Clear Gray] Font Editor menu item FED 25, 29
- [Configure] Font Editor menu item FED 15, 30
- [Draw Line] Font Editor menu item FED 5, 29
- [Draw Spline] Font Editor menu item FED 20, 29
- [Edit Font] Font Editor menu item FED 20, 29
- [Erase All] Font Editor menu item FED 8, 30
- [EXIT] Font Editor menu item FED 8, 30
- [Gray Char] Font Editor menu item FED 15, 19, 29
- [Grid Size] Font Editor menu item FED 30
- [HELP] Font Editor menu item FED 30
- [List Fonts] Font Editor menu item FED 8, 30
- [Move Black] Font Editor menu item FED 14, 29
- [Move Gray] Font Editor menu item FED 15, 30
- [Move View] Font Editor menu item FED 25, 29
- [Read File] Font Editor menu item RN 113, FED 27, 30
- [Reflect] Font Editor menu item FED 19, 29
- [Rename Char] Font Editor menu item FED 9, 30
- [Rotate] Font Editor menu item FED 19, 29
- [Save Char] Font Editor menu item FED 9, 30
- [Set Sample] Font Editor menu item FED 23, 30
- [Show Font] Font Editor menu item FED 5, 8, 9, 30
- [Stretch] Font Editor menu item FED 29
- [Stretch Character] Font Editor menu item FED 21
- [Swap Gray] Font Editor menu item FED 15, 30
- Using the mouse with [List Fonts] Font Editor menu item FED 33
- Using the mouse with [Show Font] Font Editor menu item FED 9, 33
- [Write File] Font Editor menu item RN 113, FED 27, 30
- Using the mouse with Font Editor menus FED 5
 - Reading font files FED 27
 - Writing font files FED 27
- Default Font format WINDOC 59
 - Font Format Now Bfd RN 113
 - Font indexing table WINDOC 59, 62
 - Font information ARR 4, 25
 - :font** init option for **tv:character-blinker** WINDOC 67
- Electric Font Lock Mode (m-X) Zmacs command ZMACS 180
 - Font map WINDOC 23, 54
 - :font** menu item option MENUS 11, 24
 - Font names WINDOC 54, 61
 - font names WINDOC 62
 - Font number STR 3
 - Font Parameters menu FED 5
 - Font Parameters Menu FED 33
 - Font Parameters menu FED 33
 - Font representation as array WINDOC 59
 - font-baseline** function WINDOC 61
 - font-blinker-height** function WINDOC 62
 - font-blinker-width** function WINDOC 61
 - font-char-height** function WINDOC 61
 - font-char-width** function WINDOC 61
 - font-char-width-table** function WINDOC 61
 - font-chars-exist-table** function WINDOC 62
 - font-indexing-table** function WINDOC 62
 - font-left-kern-table** function WINDOC 61
 - :font-list** option for **prompt-and-read** RN 85, MISCUI 13
 - :font-list** variable type MENUS 59
 - :font-map** init option for **tv:menu** MENUS 22, 98
 - :font-map** init option for **tv:sheet** WINDOC 56
- Color
 - Font Parameters menu FED 5
 - Font Parameters Menu FED 33
 - Font Parameters menu FED 33
 - Font representation as array WINDOC 59
 - font-baseline** function WINDOC 61
 - font-blinker-height** function WINDOC 62
 - font-blinker-width** function WINDOC 61
 - font-char-height** function WINDOC 61
 - font-char-width** function WINDOC 61
 - font-char-width-table** function WINDOC 61
 - font-chars-exist-table** function WINDOC 62
 - font-indexing-table** function WINDOC 62
 - font-left-kern-table** function WINDOC 61
 - :font-list** option for **prompt-and-read** RN 85, MISCUI 13
 - :font-list** variable type MENUS 59
 - :font-map** init option for **tv:menu** MENUS 22, 98
 - :font-map** init option for **tv:sheet** WINDOC 56
- The
 - Font Parameters menu FED 5
 - Font Parameters Menu FED 33
 - Font Parameters menu FED 33
 - Font representation as array WINDOC 59
 - font-baseline** function WINDOC 61
 - font-blinker-height** function WINDOC 62
 - font-blinker-width** function WINDOC 61
 - font-char-height** function WINDOC 61
 - font-char-width** function WINDOC 61
 - font-char-width-table** function WINDOC 61
 - font-chars-exist-table** function WINDOC 62
 - font-indexing-table** function WINDOC 62
 - font-left-kern-table** function WINDOC 61
 - :font-list** option for **prompt-and-read** RN 85, MISCUI 13
 - :font-list** variable type MENUS 59
 - :font-map** init option for **tv:menu** MENUS 22, 98
 - :font-map** init option for **tv:sheet** WINDOC 56
- Using the mouse in the
 - Font Parameters menu FED 5
 - Font Parameters Menu FED 33
 - Font Parameters menu FED 33
 - Font representation as array WINDOC 59
 - font-baseline** function WINDOC 61
 - font-blinker-height** function WINDOC 62
 - font-blinker-width** function WINDOC 61
 - font-char-height** function WINDOC 61
 - font-char-width** function WINDOC 61
 - font-char-width-table** function WINDOC 61
 - font-chars-exist-table** function WINDOC 62
 - font-indexing-table** function WINDOC 62
 - font-left-kern-table** function WINDOC 61
 - :font-list** option for **prompt-and-read** RN 85, MISCUI 13
 - :font-list** variable type MENUS 59
 - :font-map** init option for **tv:menu** MENUS 22, 98
 - :font-map** init option for **tv:sheet** WINDOC 56

- :font-map** method of **tv:sheet** WINDOC 56
- font-name** function WINDOC 61
- font-next-plane** function 3600 27
- font-raster-height** function WINDOC 62
- font-raster-width** function WINDOC 62
- font-rasters-per-word** function 3600 27, WINDOC 62
- font-widths-file** printer attribute HARD 5
- font-widths-file:** printer object attribute PROT 15
- font-words-per-char** function 3600 27, WINDOC 62
- Font.qfasi file FED 27
- font: **fonts:cptfonti** RN 75
- Fonts WINDOC 19, MENUS 16, ZMAILT 37, FED 28
- :fonts** HARD 10
- Fonts WINDOC 58
- Attributes of fonts WINDOC 62
- Background for color Fonts WINDOC 62
- Color Fonts WINDOC 62
- Creating new fonts FED 8
- Fixed-width fonts WINDOC 23, 58
- Format of Fonts WINDOC 59
- Hardcopy files with multiple fonts HARD 9
- Personal default fonts HARD 1, 7
- Set Fonts ZMAILT 11
- Using Fonts WINDOC 54
- Variable-width fonts WINDOC 23, 58
- Wide fonts WINDOC 59
- Set Fonts (m-X) TOOLS 11
- List Fonts (m-X) Zmacs command WINDOC 58
- Set Fonts (m-X) Zmacs command ZMACS 128
- The List Fonts and Show Font Displays FED 33
- Transferring Fonts Between Machines FED 28
- Fonts** file attribute STR 72
- Fonts in messages ZMAILT 11
- Fonts in Messages: Zmail Tutorial and Reference Manual ZMAILT 11
- fonts** package RN 6, PKG 49, WINDOC 54
- Fonts: Flavors and Messages WINDOC 54
- Fonts: Software Changes 3600 19
- fonts:cptfont** font WINDOC 58
- New font: **fonts:cptfonti** RN 75
- fonts:hl10** font WINDOC 54
- fonts:hl10b** font WINDOC 54
- fonts:hl12l** font WINDOC 54
- fonts:medfnb** font WINDOC 54
- fonts:medfnt** font WINDOC 54
- fonts:tr10l** font WINDOC 54
- fonts:tr8** font WINDOC 54
- [List Fonts] Font Editor menu item FED 8, 30
- Using the mouse with [List Fonts] Font Editor menu item FED 33
- [Edit Font] Font Editor menu item FED 8, 30
- [Show Font] Font Editor menu item FED 5, 8, 9, 30
- Using the mouse with [Show Font] Font Editor menu item FED 9, 33
- for** clause FLOW 56
- for** clauses FLOW 37
- (for flavors) TOOLS 133
- for** keyword FLOW 37
- Force out any buffered stream output NETIO 81
- FORCE system call NETIO 73, 75
- :force-kbd-input** message WINDOC 41
- :force-output** message STR 14
- :force-output** message to output tape streams TAPE 4
- :force-output** messages STR 76
- :force-output** option for **si:make-serial-stream** NETIO 25
- :force-output** serial I/O parameter NETIO 27
- :force-redisplay** message MISCUI 19
- :force-rescan** method of **tv:stream-mixin** RN 64,

WINDOC 51

New methods of tv:stream-mixin: :start-typeout, :finish-typeout, :rescanning-p, :force-rescan, :replace-input, :read-bp RN 63

Forcing keyboard input WINDOC 19

Foreground processes ZMAILC 3

FOREIGN ADDR NETIO 77

Foreign connection state NETIO 60, 87

Foreign host number NETIO 81

Foreign packet NETIO 68

Using Foreign Protocols in Chaosnet NETIO 68

:foreign-host message PROT 79

Foreign-protocol-mode Connections NETIO 99

Wait Forever process state ZMAILT 24

Forgetting objects remembered by a resource RN 78, STOR 21

form PRIM 103

#' special form EVAL 20

advise special form FUNC 7, DEBUG 25

advise-within special form DEBUG 29

and special form FLOW 4

Argument to :menu type menu items can be a menu or a form RN 105

argument-typecase special form COND 28

array-used-as-function special form 3600 17

block special form RN 46, FLOW 9

break special form MISC 7, TOOLS 92

caseq special form FLOW 8

catch special form RN 14, 3600 28, FLOW 25, INT 49

*catch special form EVAL 25, FLOW 27

catch-error-restart special form COND 23, 24, 33, 35

catch-error-restart-if special form COND 33, 35

check-arg-type special form PKG 9

comment special form EVAL 22

compiler:add-optimizer special form COMP 19

compiler:make-obsolete special form COMP 17

cond special form FLOW 3

cond-every special form FLOW 4

condition-bind special form RN 97, COND 10, 23, 37

condition-bind-default special form COND 11, 23, 29

condition-bind-default-if special form COND 11

condition-bind-if special form COND 11

condition-call special form RN 98, COND 14, 23

condition-call-if special form RN 98, COND 15

condition-case special form RN 98, COND 12, 23

condition-case-if special form COND 13

declare special form COMP 6, 8

def special form FUNC 13

defconst special form EVAL 9

defconstant special form RN 45, EVAL 10

deff special form FUNC 13

deffunction special form MAC 4

define-site-variable special form PROT 28

define-symbol-macro special form RN 53, MAC 13

define-user-option special form MENUS 66

define-user-option-alist special form MENUS 66

deflambda-macro special form MAC 4

deflambda-macro-displace special form MAC 4

defmacro special form FUNC 11

defmethod special form FUNC 1

defpackage special form RN 7, PKG 32, 33

defprop special form PRIM 41

defresource special form WINDEX 58, STOR 18

defselect special form FUNC 1, 11, 13

defselect-method special form FLAV 30

defsubs special form FUNC 11

defsubst special form MAC 11

defsystem special form MAINT 3, 27, TAPE 9

defun	special	form	FUNC 1, 4, 11, COMP 23
defun-method	special	form	3600 17, FLAV 29, 30
defvar	special	form	EVAL 9
defwhopper	special	form	FLAV 28
defwindow-resource	special	form	WINDEX 56, 58
destructuring-bind	special	form	RN 77, EVAL 8
dis:deftpseudo-system	special	form	TAPE 9, 19
dispatch	special	form	FLOW 8
do	special	form	EVAL 25, FLOW 15, MAC 17, COMP 6
do*	special	form	FLOW 17, COMP 6
do*-named	special	form	FLOW 18, COMP 6
do-all-symbols	special	form	PKG 43
do-external-symbols	special	form	PKG 43
do-local-symbols	special	form	PKG 43
do-named	special	form	FLOW 18, COMP 6
do-symbols	special	form	PKG 42
do-three-times	special	form	NOTA 1
dolist	special	form	FLOW 19
dotimes	special	form	FLOW 19
error-restart	special	form	COND 23, 33, 34
error-restart-loop	special	form	COND 23, 33, 34, WINDEX 7, 8
eval-when	special	form	COMP 6, 8
Evaluate a Lisp		form	RN 116
*expr	special	form	COMP 10
*fexpr	special	form	COMP 10
%finish-function-call	special	form	3600 25
format:defformat	special	form	RN 56, WINDEX 48, STR 36
fs:define-canonical-type	special	form	FILE 30
function	special	form	EVAL 20
go	special	form	FLOW 13, 15
grindex	special	form	STR 42
if	special	form	FLOW 3
ignore-errors	special	form	COND 15
keyword-extract	special	form	EVAL 11, FLOW 19
lambda-macro	special	form	MAC 3
let	special	form	EVAL 6, COMP 6, INT 22
let*	special	form	EVAL 6, COMP 6
let-closed	special	form	FUNC 35
let-globally	special	form	PRIM 55, EVAL 7
let-if	special	form	EVAL 7, INT 22
*lexpr	special	form	COMP 10
local-declare	special	form	COMP 9
login-forms	special	form	MISCF 12, 13
login-setq	special	form	MISCF 13
macro	special	form	FUNC 11, MAC 1, 3
multiple-value	special	form	EVAL 25, TOOLS 109, INT 49
multiple-value-bind	special	form	EVAL 26, INT 49
multiple-value-call	special	form	RN 47, EVAL 26
multiple-value-list	special	form	EVAL 26
multiple-value-prog1	special	form	RN 48, EVAL 27
net:define-medium	special	form	PROT 43
net:define-protocol	special	form	PROT 48, 76
net:define-server	special	form	PROT 50
net:invoke-multiple-services	special	form	PROT 41
or	special	form	FLOW 5
package-declare	special	form	PKG 57
prog	special	form	EVAL 25, FLOW 20, MAC 17, COMP 6
prog*	special	form	FLOW 22, COMP 6
prog1	special	form	EVAL 23
prog2	special	form	EVAL 23
progn	special	form	EVAL 22
progv	special	form	EVAL 7, INT 22
progw	special	form	EVAL 8
psetq	special	form	EVAL 5
quote	special	form	EVAL 19
return	special	form	EVAL 25, FLOW 11, 15
return-from	special	form	FLOW 9
select	special	form	FLOW 6

selector	special	form	FLOW 7
selectq	special	form	FLOW 5
selectq-every	special	form	FLOW 8
setf	special	form	3600 17, MAC 35
setq	special	form	EVAL 5
setq-globally	special	form	MISCF 13
si:define-defsystem-special-variable	special	form	MAINT 23
si:define-make-system-special-variable	special	form	MAINT 22
si:define-simple-transformation	special	form	MAINT 23
si:with-disk-event-task	special	form	INT 58
signal-proceed-case	special	form	COND 37, 41
signp	special	form	PRIM 65
special	special	form	COMP 10
sstatus	special	form	MISCF 18
%start-function-call	special	form	3600 25
status	special	form	MISCF 17
store	special	form	RN 145, 3600 17, ARR 4, 23, 24
tagbody	special	form	RN 47, FLOW 13
throw	special	form	RN 15, 3600 28, FLOW 26
trace	special	form	RN 96, FUNC 7, TOOLS 88, 91, 93, DEBUG 19
tv:add-typeout-item-type	special	form	WINDEX 6, 8, MENUS 84
tv:delaying-screen-management	special	form	WINDOC 13, 16
tv:prepare-sheet	special	form	WINDEX 60
tv:sheet-force-access	special	form	WINDEX 57, 59
tv>window-call	special	form	WINDEX 56, 58
twiddle-frob	special	form	NOTA 2
typecase	special	form	FLOW 7, PKG 9
unadvise	special	form	RN 40, DEBUG 26
unadvise-within	special	form	DEBUG 29
undefun-method	special	form	FLAV 30
unspecial	special	form	COMP 10
untrace	special	form	TOOLS 88, 89, DEBUG 24
unwind-protect	special	form	EVAL 25, FLOW 26, TOOLS 129, PROT 64
using-resource	special	form	STOR 21
variable-boundp	special	form	PRIM 54
variable-location	special	form	PRIM 55
variable-makunbound	special	form	PRIM 54
with-input-from-string	special	form	ARR 34
with-open-file	special	form	STR 59
with-open-stream	special	form	STR 60, NETIO 25
with-output-to-string	special	form	ARR 35
with-stack-list	special	form	RN 148, INT 34
with-stack-list*	special	form	RN 148, INT 34
without-interrupts	special	form	PROC 4
The "General List"		Form of item	MENUS 10
Nonkeyword		form of	make-array is obsolete RN 16
The		Form of Menu Item	MENUS 9
New	special	form:	defconstant RN 45
New	special	form:	define-symbol-macro RN 53
New	special	form:	defpackage RN 7
Previously undocumented	special	form:	destructuring-bind RN 77
New	special	form:	format:defformat RN 56
		Formal parameters	EVAL 11
ARPANET RFC	810	format	PROT 26
BABYL	mail file	format	ZMAILC 34
Block	restore	format	NETIO 7
ci:double-float		format	RN 17, PRIM 95
ci:long-float		format	RN 17, PRIM 95
ci:short-float		format	RN 17, PRIM 95
ci:single-float		format	RN 17, PRIM 95
Columnar		format	MENUS 14, 98
Data		Format	3600 11
FEP filename		format	INT 69
File	restore	format	NETIO 7
Filled		format	MENUS 14, 98
Font		format	WINDOC 59
Image	restore	format	NETIO 7

Symbolics, Inc. March 1984

- Installing New Releases Distributed in Patch Tape
- Installing New Releases Distributed in World Load
 - ITS header
 - Network header
- PDP-11/VAX single-precision floating-point
 - QFILE Command and Response
 - QFILE DIRECTORY Data
 - Record
 - Response
 - RFC733 header
 - RMAIL mail file
 - TENEX mail file
 - UNIX mail file
 - VAX/VMS mail file
 - Disk
 - Disk
- Tilde (~) character in
 - Defining a
 - ~
 - ~>
 - ~<
 - ~@*
 - ~@T
 - ~G
 - ~X
 - Introduction: Mouse-Sensitive
 - Mouse-Sensitive
 - Source Code: Mouse-Sensitive
 - At-sign (@) in
 - New
 - Disk
 - New
 - The
 - Select Arbitrary
 - Default Font
 - Controlling the
 - Serial I/O
- ascii value of
- lgp value of
- press value of
- xgp value of
- :editor output
- :read output
- :sail output
- format
 - Format SIG 22
 - Format SIG 22
 - format ZMAILT 37
 - format ZMAILT 37
 - format ARR 4
 - Format PROT 90
 - Format PROT 118
 - Format PROT 21
 - Format ZMACS 41
 - format ZMAILT 37
 - format ZMAILC 34, 35
 - format ZMAILC 34, 35
 - format ZMAILC 34, 35
 - format ZMAILC 34
 - Format command NETIO 7
 - Format Command Asks Different Question RN 134
 - Format control strings STR 25
 - format control strings STR 25
 - format directive RN 56
 - format directive RN 55
 - format directive RN 55
 - format directive RN 21
 - format directive RN 21
 - format directive RN 21
 - format directive RN 21
 - format Directive: ~M WINDEX 48
 - format Directive: ~M WINDEX 47
 - format Directive: ~M WINDEX 50
 - format directives STR 25
 - format directives ~@T and ~@* replace ~X and ~G RN 21
 - format directives: ~> and ~< RN 55
 - Format effectors WINDOC 23, STR 3
 - Format escape construct STR 25
 - Format escape to user-supplied code STR 25
 - Format FEP command RN 134
 - format for trace output RN 96
 - format function PRIM 115, WINDEX 48, STR 25
 - format Function STR 25
 - format iteration construct STR 25
 - Format Mail File (m-X) Zmail command ZMAILC 34
 - Format Now Bfd RN 113
 - Format of assembly language instructions INT 37
 - Format of Fonts WINDOC 59
 - Format of the Rest of This Manual ZMAILT 15
 - Format of trace Output DEBUG 23
 - format of transmitted characters parameters NETIO 27
 - format package PKG 49
 - format printer attribute HARD 5
 - format printer attribute HARD 5
 - format printer attribute HARD 5
 - format printer attribute HARD 5
 - format printer attribute HARD 5
 - format style RN 21, STR 39
 - format style RN 21, STR 39
 - format style RN 21, STR 39
 - format time and date directives STR 25
 - format ~\ directives can have package prefixes RN 92
 - :format-args RN 24
 - *format-output* variable RN 56
 - :format-string RN 24
 - format: printer object attribute PROT 14
 - format:*format-output* variable RN 56
 - format:breakline macro STR 41
 - format:deformat RN 56
 - format:deformat special form RN 56, WINDEX 48,
- New special form:

- Changes to
 - STR 36
 - format:ochar** RN 21
 - format:ochar** function RN 21, STR 39
 - format:ofloat** function STR 39
 - format:onum** STR 38
 - format:onum** STR 38
 - format:onum** function STR 38
 - format:oprint** function STR 39
 - format:osting** function STR 39
 - format:outfmt** macro STR 38
 - format:output** macro STR 38
 - format:pad** macro STR 40
 - format:plural** function STR 41
 - format:print-list** function STR 37
 - format:tab** STR 40
 - format:tab** STR 40
 - format:tab** function STR 40
- :commas** option for
- :signed** option for
- :terpri** option for
- :unif** option for
 - Data Formats NETIO 45
 - Date formats MISCUI 1, 3, 4
 - Header Formats ZMAILT 37
 - Internet RFC822 domain-addressing formats ZMAILC 35
 - Mail File Formats ZMAILC 34
 - Print formats PROT 14
 - Standard mail file formats ZMAILC 34
 - Supported file formats FED 27
 - Time formats MISCUI 1, 3, 4
 - Formatted Output STR 25
 - Formatted print of function definitions STR 42
 - Formatting disks NETIO 7
 - Formatting functions STR 37
 - formatting functions STR 37
 - formatting functions STR 37
 - formatting functions STR 37
 - Formatting Lisp Code STR 42
 - forms INED 3
 - Forms RN 81
 - forms MAC 20
 - forms COMP 6
 - forms DEFS 15
 - forms RN 116
 - Forms FUNC 11
 - Forms MAC 18
 - forms INED 15
 - Forms EVAL 17
 - forms FUNC 7
 - Forms INT 34
 - forms **catch** and **throw** replace ***catch** and ***throw** RN 14
 - Forms for Dealing with Variables PRIM 55
 - Forms From FED FED 31
 - forms of lambda-list parameters EVAL 11
 - Forms of qualified names PKG 20
 - Forms, and Variables PKG 31
 - forms: **block** and **tagbody** RN 46
 - forms: **multiple-value-call** and **multiple-value-prog1** RN 47
 - Forward ZMACS 23, 51
 - Forward ZMACS 25, 66
 - Forward (m-X) Zmail command ZMAILT 31
 - Forward a request for connection packet NETIO 53
 - Forward character ZMACS 51
 - Forward List ZMACS 53
 - forward over an address ZMAILT 47
 - Forward Paragraph ZMACS 23, 58
 - Forward Sentence ZMACS 23, 53
 - Forward Sexp ZMACS 54
 - Forward Up List ZMACS 55
 - Forward Word ZMACS 23, 52
- :minpad** option for
- :padchar** option for
- :tab-period** option for
- Activating yanked
- Compiler Performs Style Checking on All
- Defining special
- Evaluation of special
- Evaluation of structure initialization
- Font Editor and Inspector use ESCAPE to evaluate
- Function-defining Special
- Macros Expanding Into Many
- Reexecuting yanked
- Some Functions and Special
- Special
- The **with-stack-list** and **with-stack-list*** Special
- New special
 - Special
 - Evaluating
 - Default
- Package Functions, Special
- New special
- New special
- Delete
 - Forward ZMACS 23, 51
 - Forward ZMACS 25, 66
 - Forward (m-X) Zmail command ZMAILT 31
 - Forward a request for connection packet NETIO 53
 - Forward character ZMACS 51
 - Forward List ZMACS 53
- Move
 - forward over an address ZMAILT 47
 - Forward Paragraph ZMACS 23, 58
 - Forward Sentence ZMACS 23, 53
 - Forward Sexp ZMACS 54
 - Forward Up List ZMACS 55
 - Forward Word ZMACS 23, 52

- Forward-references field ZMAILT 37
- forward-value-cell** function INT 13
- Forwarded connection NETIO 53
- Forwarded message property ZMAILT 3
- Forwarding INT 12
- Packet forwarding NETIO 46
- Forwarding and Redistributing ZMAILC 20
- Forwarding count NETIO 44
- Forwarding messages ZMAILC 20, 30
- Forwarding-count field NETIO 46
- [Forward] Mail menu item ZMAILT 31, ZMAILC 20
- [Forward] Map over menu item ZMAILC 30
- Disk block not found INT 66
- Four-bit color display WINDOC 62
- fourth** function PRIM 20
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** MISCUI 10
- fquery** flavor MISCUI 11
- fquery** function MISCUI 10
- fraction FED 15
- Frame WINDOC 87
- frame COND 16
- frame MENUS 31
- frame WINDOC 87, 93, WINDEX 74
- frame DEBUG 9, 15
- frame DEBUG 13
- Frame PRIM 1, FUNC 10, COMP 1
- frame MISCT 3
- frame COND 16
- frame COND 16
- frame COND 16
- frame COND 16
- frame COND 16
- frame WINDEX 30
- frame COND 16
- Frame border WINDOC 88
- Frame configurations WINDOC 87, FED 29
- frame message COND 43
- Frame pointer COND 16
- frame with **break** read function for Debugger RN 116
- *frame*** variable DEBUG 13
- frame-active-p** function COND 18
- frame-arg-value** function COND 19
- frame-local-value** function COND 20
- Frame-manipulating functions COND 16
- frame-next-active-frame** function COND 17
- frame-next-interesting-active-frame** function COND 17
- frame-next-nth-active-frame** function COND 18
- frame-next-nth-interesting-active-frame** function COND 18
- frame-next-nth-open-frame** function COND 18
- frame-next-open-frame** function COND 17
- frame-number-of-locals** function COND 20
- frame-number-of-spread-args** function COND 19
- Frame-oriented interactive subsystems WINDOC 88
- frame-out-to-interesting-active-frame** function COND 18
- frame-previous-active-frame** function COND 17

- dbg:** **frame-previous-interesting-active-frame** function COND 18
- dbg:** **frame-previous-open-frame** function COND 18
- dbg:** **frame-real-function** function COND 19
- dbg:** **frame-real-value-disposition** function COND 20
- dbg:** **frame-self-value** function COND 20
- dbg:** **frame-total-number-of-args** function COND 19
- Frames WINDOC 19, 87
- frames WINDOC 88
- Frames WINDOC 88
- Frames INT 37
- Frames WINDOC 99
- frames WINDOC 93
- frames WINDOC 93
- frames per clock sequence break meter INT 30
- Framework FLOW 51
- Free buffer SITE 13
- [Flush Free Buffer] File System Maintenance menu item SITE 1
- QFILE free channel PROT 86
- chaos:send-unc-pkt** automatically returns the packet to the free pool RN 108
- Free pool of packets PROT 69
- Free record map SITE 13
- Free Records: File System Maintenance Program SITE 13
- [Free Records] File System Maintenance menu item SITE 1
- Free reference EVAL 3
- :free-list-size** option for **defresource** STOR 18
- FREE-SPACE-DESCRIPTION file system property PROT 118
- Allocating and freeing Chaosnet storage resources STOR 17
- Freeing packets PROT 72
- Allocating and freeing window system storage resources STOR 17
- :french** day-of-the-week-representation MISCUI 7, 8
- :fresh-line** message STR 11
- :fresh-line** method of **tv:stream-mixin** WINDOC 27
- :fresh-line** option for **fquery** MISCUI 10
- freturn** MacIisp function FLOW 28
- From a Distribution Tape SIG 16
- From Buffer (m-X) Zmacs command ZMACS 92
- From FED FED 31
- From field ZMAILT 37, 41
- From Field (m-X) Zmail command ZMAILT 41
- [Add From Field] Headers Editor menu item ZMAILT 41
- From Other Sites SIG 23
- From Stuck States LMS 41
- From Stuck States ZMAILT 23
- From To Zmail display column heading ZMAILT 3
- Front End Processor INT 68
- Front-end Processor NETIO 1
- Front-end Processor NETIO 1
- Front-end Processor NETIO 1
- fs** package PKG 49
- fs:%file-asynchronous-mark-opcode** variable PROT 91
- fs:%file-notification-opcode** variable PROT 91
- fs:*default-pathname-defaults*** variable FILE 15
- fs:*file-type-mode-alist*** variable FILE 19
- fs:*its-uninteresting-types*** variable FILE 49
- fs:*known-types*** variable FILE 15
- New variable: **fs:*remember-passwords*** RN 70
- fs:*remember-passwords*** variable RN 70, STR 70
- fs:access-error** COND 68
- fs:access-error** flavor COND 68
- fs:make-logical-pathname-host** replaces **fs:add-logical-pathname-host** RN 37
- fs:add-logical-pathname-host** function RN 37

- fs:change-file-properties** function STR 68, 81
fs:change-property-failure COND 70
fs:change-property-failure flavor COND 70
fs:circular-link flavor COND 71
fs:close-all-files function STR 70
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 81, FILE 24
fs:complete-pathname STR 85, FILE 28
fs:complete-pathname function STR 81, FILE 24
fs:copy-pathname-defaults function FILE 29
fs:correctable-login-problems flavor COND 67
fs:create-directory-failure flavor COND 69
fs:create-link-failure flavor COND 70
fs:creation-failure COND 69
fs:creation-failure flavor COND 69
fs:data-error flavor COND 66
fs:default-pathname function FILE 29
fs:define-canonical-type special form FILE 30
fs:define-file-protocol macro PROT 53
fs:delete-failure COND 71
fs:delete-failure flavor COND 71
fs:describe-pathname function FILE 31
fs:device-not-found flavor COND 68
fs:directory-already-exists flavor COND 70
fs:directory-list STR 79
fs:directory-list STR 79
fs:directory-list function STR 79
fs:directory-not-empty flavor COND 71
fs:directory-not-found RN 98
fs:directory-not-found flavor RN 98, COND 68
fs:dont-delete-flag-set flavor COND 71
fs:file-already-exists flavor COND 69
fs:file-error flavor COND 65
fs:file-locked flavor COND 72
fs:file-lookup-error flavor COND 67
fs:file-not-found flavor COND 68
fs:file-open-for-output flavor COND 72
fs:file-operation-failure flavor COND 3, 65
fs:file-properties function STR 67, 81
fs:file-property-bindings function STR 75
fs:file-read-attribute-list function STR 72
fs:file-read-property-list function STR 74
fs:file-request-failure COND 66
fs:file-request-failure flavor COND 65
fs:file-type-mode-alist Lisp variable ZMACS 182
fs:filepos-out-of-range flavor COND 72
fs:find-file-with-type function FILE 31
fs:host-not-available flavor COND 66
fs:inconsistent-options flavor COND 71
fs:incorrect-access-to-directory flavor COND 69
fs:incorrect-access-to-file flavor COND 68
fs:init-file-pathname RN 34
fs:init-file-pathname function RN 34, FILE 30
fs:invalid-byte-size flavor COND 71
fs:invalid-operation-for-directory flavor COND 69
fs:invalid-operation-for-link flavor COND 69
fs:invalid-password flavor COND 67
fs:invalid-pathname-component flavor COND 72
fs:invalid-pathname-syntax COND 69
fs:invalid-pathname-syntax flavor COND 69
fs:invalid-property-value flavor COND 70
fs:invalid-wildcard flavor COND 69
- :deleted** option for
:in option for
:new-ok option for
:old option for
:out option for
:print option for
:read option for
:write option for
 Note on
- :deleted** option for
:noerror option for
- Change in Debugger special command for
- Request failures based on
- Arguments changed for **fs:user-homedir** and

- :fn1** method of
- :fn2** method of

- :back-translated-pathname** method of
- :translated-pathname** method of

- New condition flavor:
 - fs:its-pathname** FILE 49
 - fs:its-pathname** FILE 49
 - fs:link-target-not-found** flavor COND 68
 - fs:load-pathname-defaults** variable FILE 15
 - fs:logical-pathname** FILE 53
 - fs:logical-pathname** FILE 53
 - fs:login-problems** flavor COND 67
 - fs:login-required** flavor COND 67
 - fs:make-logical-pathname-host** function RN 37, WINDEX 74, FILE 51
 - fs:make-logical-pathname-host** replaces
 - fs:add-logical-pathname-host** RN 37
 - fs:make-pathname** function FILE 12, 28
 - fs:make-pathname-defaults** function FILE 29
 - fs:merge-pathnames** function FILE 24
 - fs:merge-pathnames-and-set-defaults** function FILE 24
 - fs:multiple-file-not-found** RN 69
 - fs:multiple-file-not-found** flavor RN 70, COND 68
 - fs:network-lossage** flavor COND 66
 - fs:no-file-system** flavor COND 66
 - fs:no-more-room** flavor COND 71
 - fs:not-available** flavor COND 72
 - fs:not-enough-resources** flavor COND 66
 - fs:not-logged-in** flavor COND 67
 - fs:parse-pathname** RN 32
 - fs:parse-pathname** function RN 33, FILE 23
 - fs:parse-pathname-error** flavor COND 72

- Meaning of argument changed for
 - fs:pathname** FILE 33
 - fs:pathname** FILE 32
 - fs:pathname** FILE 39
 - fs:pathname** FILE 32
 - fs:pathname** FILE 10
 - fs:pathname** FILE 39
 - fs:pathname** FILE 37
 - fs:pathname** FILE 38
 - fs:pathname** FILE 38
 - fs:pathname** FILE 32
 - fs:pathname** FILE 32
 - fs:pathname** FILE 39
 - fs:pathname** FILE 35
 - fs:pathname** FILE 36
 - fs:pathname** FILE 34
 - fs:pathname** FILE 34
 - fs:pathname** FILE 34
 - fs:pathname** FILE 36
 - fs:pathname** FILE 35
 - fs:pathname** FILE 35
 - fs:pathname** FILE 35
 - fs:pathname** FILE 35
 - fs:pathname** FILE 34
 - fs:pathname** FILE 34
 - fs:pathname** FILE 34
 - fs:pathname** FILE 10
 - fs:pathname** FILE 38
 - fs:pathname** FILE 38
 - fs:pathname** FILE 38
 - fs:pathname** FILE 33
 - fs:pathname** FILE 33
 - fs:pathname** FILE 33
 - fs:pathname** FILE 33
 - fs:pathname** FILE 38
 - fs:pathname** FILE 38
 - fs:pathname** FILE 37
 - fs:pathname** FILE 37
 - fs:pathname** FILE 37
 - fs:pathname** FILE 37
 - fs:pathname** FILE 37
 - fs:pathname** FILE 34

- :canonical-type** method of
- :device** method of
- :device-wild-p** method of
- :directory** method of
- :directory-pathname-as-file** method of
- :directory-wild-p** method of
- :generic-pathname** method of
- :get** method of
- :getl** method of
- :host** method of
- :name** method of
- :name-wild-p** method of
- :new-canonical-type** method of
- :new-default-pathname** method of
- :new-device** method of
- :new-directory** method of
- :new-name** method of
- :new-pathname** method of
- :new-raw-device** method of
- :new-raw-directory** method of
- :new-raw-name** method of
- :new-raw-type** method of
- :new-type** method of
- :new-version** method of
- :pathname-as-directory** method of
- :pathname-match** method of
- :plist** method of
- :putprop** method of
- :raw-device** method of
- :raw-directory** method of
- :raw-name** method of
- :raw-type** method of
- :remprop** method of
- :string-for-directory** method of
- :string-for-dired** method of
- :string-for-editor** method of
- :string-for-host** method of
- :string-for-printing** method of
- :string-for-wholine** method of
- :system-type** method of

Symbolics, Inc. March 1984

- :translate-wild-pathname** method of
- :type** method of
- :type-wild-p** method of
- :types-for-canonical-type** method of
- :version** method of
- :version-wild-p** method of
- :wild-p** method of
- fs:pathname** FILE 40
- fs:pathname** FILE 32
- fs:pathname** FILE 39
- fs:pathname** FILE 36
- fs:pathname** FILE 33
- fs:pathname** FILE 39
- fs:pathname** FILE 39
- fs:pathname** flavor FILE 19
- fs:pathname-error** flavor COND 72
- fs:pathname-plist** function FILE 31
- fs:rename-across-directories** flavor COND 70
- fs:rename-across-hosts** RN 70
- fs:rename-across-hosts** flavor RN 70, COND 70
- fs:rename-failure** COND 70
- fs:rename-failure** flavor COND 70
- fs:rename-to-existing-file** flavor COND 70
- fs:set-default-pathname** function FILE 29
- fs:set-logical-pathname-host** RN 38
- fs:set-logical-pathname-host** function RN 38, WINDEX 74, FILE 52
- Flavor **fs:undefined-logical-pathname-translation** replaces **fs:undefined-logical-pathname-directory** RN 37
- fs:undefined-logical-pathname-translation** flavor RN 37, COND 73
- Flavor **fs:undefined-logical-pathname-translation** replaces **fs:undefined-logical-pathname-directory** RN 37
- fs:unimplemented-option** flavor COND 71
- fs:unknown-operation** flavor COND 66
- fs:unknown-pathname-host** flavor COND 73
- fs:unknown-property** flavor COND 70
- fs:unknown-user** flavor COND 67
- fs:user-homedir** and **fs:init-file-pathname** RN 34
- fs:user-homedir** function RN 34, FILE 29
- fs:wildcard-not-allowed** flavor COND 69
- fs:wrong-kind-of-file** COND 69
- fs:wrong-kind-of-file** flavor COND 69
- fset** function PRIM 1, 56
- fset-carefully** function FUNC 21
- fsignal** function COND 4, 26, 37
- FSPT FILE 67
- Editing the
 - FSPT (LM-2 Only) FILE 68
 - FSPT editor FILE 67
 - A FSPT Editor command FILE 68
 - c-K FSPT Editor command FILE 68
 - c-N FSPT Editor command FILE 68
 - c-P FSPT Editor command FILE 68
 - c-R FSPT Editor command FILE 68
 - c-W FSPT Editor command FILE 68
 - c-Y FSPT Editor command FILE 68
 - CLEAR SCREEN FSPT Editor command FILE 68
 - END FSPT Editor command FILE 68
 - HELP FSPT Editor command FILE 68
 - I FSPT Editor command FILE 68
 - m-< FSPT Editor command FILE 68
 - m-> FSPT Editor command FILE 68
 - FSPT Editor Commands FILE 68, 69
 - FSPT FEP file type INT 75
 - >fspt. fspt file FILE 67
 - FSPT partition FILE 68
 - [Edit FSPT] Maintenance Operations menu item FILE 68
 - fsymeval** function PRIM 1, 56
 - [Expunge All FS] Maintenance Operations menu item SITE 1
 - FUNCTION m-Q command RN 113
- :system-release** options for **si:**
- si:**
- The **si:**
 - full-gc** STOR 8
 - full-gc** function RN 73, 3600 32, STOR 8, 13
 - full-gc** function STOR 8

si: **:full-gc** option for **add-initialization** STOR 8
full-gc-for-system-release variable STOR 8
:full-rubout option WINDOC 48, STR 47
:full-rubout option for **:rubout-handler**
message WINDOC 47, STR 46
Fully visible windows WINDOC 2, 6
dbg: **fun** function DEBUG 13
funcall function EVAL 17
:funcall menu item type MENUS 10, SCROLL 9
:funcall pane constraint WINDOC 93
:funcall-inside-yourself message FLAV 48
sys: **funcall-macro** flavor COND 62
funcall-self function FLAV 33
funcall-server-internal-function PROT 82
funcall-server-internal-function PROT 82
funcall-server-internal-function PROT 82
funcall-server-internal-function PROT 82
funcall-server-internal-function PROT 82
funcall-server-internal-function PROT 82
funcall-server-internal-function function PROT 81,
83
funcall-with-self menu item type MENUS 10
Function PRIM 4, FUNC 1
^ function PRIM 67
^V function PRIM 67
^W function PRIM 66
^X function PRIM 69
***** function 3600 27, PRIM 69
+ function 3600 27, PRIM 68
+\$ function PRIM 68
- function 3600 27, PRIM 68
-\$ function PRIM 69
/ function 3600 27
// function PRIM 70
// function PRIM 70
1+ function PRIM 72
1+\$ function PRIM 72
1- function PRIM 72
1-\$ function PRIM 72
%24-bit-difference function PRIM 82
%24-bit-plus function PRIM 82
%24-bit-times function PRIM 82
:name option for **process-run-restartable-function**
:priority option for **process-run-restartable-function**
function PROC 25
:quantum option for **process-run-restartable-function**
function PROC 25
:restart-after-boot option for **process-run-restartable-function**
function PROC 25
:restart-after-reset option for **process-run-restartable-function**
function PROC 25
:warm-boot-action option for **process-run-restartable-function**
function PROC 25
< function PRIM 67
<= function PRIM 67
= function PRIM 65
> function PRIM 66
>= function PRIM 66
abs function PRIM 69
%activate-open-call-block function INT 22
add-initialization function INIT 1
add1 function PRIM 71
adjust-array-size function ARR 13
Advising a Function DEBUG 25
%allocate-and-initialize function INT 15
%allocate-and-initialize-array function INT 16
allocate-resource function STOR 20
allocate_pkt function NETIO 94

alloc	function	3600 27, ARR 10, INT 49
alphalessp	function	ARR 36
And alu	function	WINDOC 34
And-with-complement alu	function	WINDOC 34
ap-1	function	ARR 10
ap-2	function	ARR 10
ap-3	function	3600 27, ARR 11
ap-leader	function	ARR 11
append	function	PRIM 25, 29
apply	function	3600 18, PRIM 4, EVAL 11, 17
applyhook	function	RN 72, DEBUG 35
apropos	function	MISCF 2, TOOLS 34
ar-1	function	ARR 10
ar-2	function	ARR 10
ar-3	function	3600 27, ARR 10
area-name	function	STOR 4
%area-number	function	STOR 4
aref	function	3600 17, 27, ARR 4, 10, 25, INT 49
arg	function	EVAL 23
arglist	function	FUNC 7, 22, TOOLS 39
args-info	function	FUNC 23
%args-info	function	FUNC 24
*array	function	ARR 24
array	function	ARR 24
array-#-dims	function	ARR 12
array-active-length	function	ARR 12
array-bits-per-element	function	ARR 4
array-dimension-n	function	ARR 12
array-dimensions	function	ARR 12
array-displaced-p	function	ARR 13
array-element-size	function	ARR 4
array-elements-per-q	function	ARR 4
array-grow	function	ARR 14
array-has-leader-p	function	ARR 13
array-in-bounds-p	function	ARR 13
array-indexed-p	function	ARR 13
array-indirect-p	function	ARR 13
array-leader	function	ARR 11
array-leader-length	function	ARR 13
array-length	function	ARR 12
array-pop	function	ARR 16
array-push	function	ARR 15
array-push-extend	function	ARR 16
array-type	function	ARR 11
array-types	function	ARR 3
arraycall	function	ARR 23, 24
arraydims	function	ARR 12
arrayp	function	PRIM 4, 42
as-1	function	ARR 10
as-2	function	ARR 10
as-3	function	3600 27, ARR 10
ascii	function	ARR 36
aset	function	3600 17, 27, ARR 4, 10, INT 49
ash	function	PRIM 77
ass	function	PRIM 38
assoc	function	PRIM 38, INIT 1
assq	function	PRIM 37
%assure-pdl-room	function	3600 25, INT 22
atan	function	PRIM 75
atan2	function	PRIM 75
atom	function	PRIM 3, INT 52
beep	function	PRIM 116
bigp	function	PRIM 4
bind	function	INT 22
bit-test	function	PRIM 77
bitbit	function	RN 145, ARR 18
boole	function	PRIM 76
boundp	function	PRIM 54, 55

boundp-in-closure	function	FUNC 36
breakon	function	COND 43, TOOLS 92
bug	function	COND 44, DEBUG 9, MISCU 1
butlast	function	PRIM 26
byte	function	RN 50, PRIM 80
byte-position	function	RN 50, PRIM 80
byte-size	function	RN 50, PRIM 80
caaar	function	PRIM 12
caadr	function	PRIM 13
caaar	function	PRIM 13
caadar	function	PRIM 13
caaddr	function	PRIM 13
caadr	function	PRIM 13
caar	function	PRIM 14
cadaar	function	PRIM 14
cadadr	function	PRIM 14
cadar	function	PRIM 14
caddar	function	PRIM 14
caddr	function	PRIM 15
caddr	function	PRIM 15
cadr	function	PRIM 15
call	function	EVAL 19
Calling the Server	Function	PROT 81
car	function	PRIM 12, 85
car-location	function	PRIM 19
cdaaar	function	PRIM 15
cdaadr	function	PRIM 15
cdaar	function	PRIM 16
cdadar	function	PRIM 16
cdaddr	function	PRIM 16
cdadr	function	PRIM 16
cdar	function	PRIM 17
cddaar	function	PRIM 17
cddadr	function	PRIM 17
cddar	function	PRIM 17
cdddar	function	PRIM 17
cdddr	function	PRIM 18
cdddr	function	PRIM 18
cddr	function	PRIM 18
cdr	function	PRIM 12, 85
chaos:accept	function	NETIO 86
chaos:add-contact-name-for-protocol	function	PROT 52
chaos:answer	function	NETIO 86
chaos:answer-string	function	NETIO 86
chaos:assure-enabled	function	NETIO 92
chaos:close	function	RN 107
chaos:close-conn	function	RN 107, NETIO 85
chaos:conn-finished-p	function	RN 109, NETIO 90
chaos:connect	function	NETIO 84
chaos:data-available	function	NETIO 90
chaos:disable	function	RN 107
chaos:enable	function	RN 107
chaos:fast-answer-string	function	NETIO 87
chaos:finish	function	RN 107
chaos:finish-conn	function	RN 107, NETIO 90
chaos:get-next-pkt	function	NETIO 90
chaos:get-pkt	function	NETIO 89
chaos:host-data	function	NETIO 91
chaos:host-up	function	NETIO 85
chaos:interrupt-function	function	NETIO 90
chaos:listen	function	NETIO 86
chaos:make-stream	function	RN 107, NETIO 88
chaos:may-transmit	function	NETIO 90
chaos:my-address	function	SIG 35
chaos:notify	function	NETIO 85
chaos:notify-local-lispms	function	CONV 4, NETIO 85
chaos:open-foreign-connection	function	NETIO 85
chaos:open-stream	function	RN 108

chaos:pkt-link	function	NETIO 91
chaos:pkt-nbytes	function	NETIO 89
chaos:pkt-opcode	function	NETIO 89
chaos:pkt-string	function	NETIO 89
chaos:print-all-pkts	function	NETIO 92
chaos:print-conn	function	NETIO 92
chaos:print-lpg-queue	function	RN 115
chaos:print-pkt	function	NETIO 92
chaos:read-pkts	function	NETIO 91
chaos:reject	function	NETIO 86
chaos:remove-conn	function	NETIO 84
chaos:reset	function	RN 107
chaos:return-pkt	function	RN 108, NETIO 89
chaos:send-pkt	function	RN 108, NETIO 89
chaos:send-string	function	NETIO 89
chaos:send-unc-pkt	function	RN 108, NETIO 90
chaos:set-pkt-string	function	NETIO 89
chaos:simple	function	NETIO 84
chaos:status	function	NETIO 92
chaos:stream	function	RN 107
chaos_accept	function	NETIO 93
chaos_ans	function	NETIO 93
chaos_assign	function	NETIO 93
chaos_close	function	NETIO 93
chaos_deassign	function	NETIO 93
chaos_eof	function	NETIO 94
chaos_finish	function	NETIO 94
chaos_force_out	function	NETIO 94
chaos_in_char	function	NETIO 94
chaos_in_pkt	function	NETIO 95
chaos_lsn	function	NETIO 93
chaos_out_char	function	NETIO 94
chaos_out_pkt	function	NETIO 94
chaos_rfc	function	NETIO 93
chaos_sout	function	NETIO 94
chaos_state	function	NETIO 95
chaos_wait	function	NETIO 95
chaos_wait_til	function	NETIO 95
chaos_xmit_room	function	NETIO 95
char-downcase	function	RN 145, ARR 26
char-equal	function	ARR 26
char-lessp	function	ARR 26
char-upcase	function	RN 145, ARR 26
character	function	ARR 26
choose-user-options	function	MENUS 66, 67
circular-list	function	PRIM 23
clear-resource	function	RN 78, STOR 21
close	function	STR 65
closure	function	FUNC 11, 34
closure-alist	function	FUNC 35
closure-function	function	FUNC 35
closure-variables	function	FUNC 35
closurep	function	PRIM 5, FUNC 34
clrhash	function	PRIM 47
clrhash-equal	function	PRIM 47
color:make-color-font	function	WINDOC 63
compile	function	COMP 3
compiler:compile-file	function	3600 13, 27, TOOLS 67, TOOLS 67, COMP 4
compiler:compile-file-load	function	3600 13, 27, TOOLS 68, TOOLS 68, COMP 4
compiler:file-declaration	function	COMP 16
compiler:file-declare	function	COMP 16
compiler:function-defined	function	COMP 16
compiler:function-referenced	function	COMP 16
compiler:load-compiler-warnings	function	COMP 13
cons	function	PRIM 18, 29, INT 15
cons-in-area	function	PRIM 19, STOR 1

continue-whopper	function	FLAV 28
copy-array-contents	function	RN 145, ARR 17, INT 52
copy-array-contents-and-leader	function	RN 145, ARR 17
copy-array-portion	function	RN 145, ARR 17, INT 52
copy-closure	function	FUNC 35
copy-readtable	function	PRIM 105
copyalist	function	PRIM 24
copyf	function	RN 28, STR 68
copylist	function	PRIM 23, 29
copylist*	function	PRIM 24
copysymbol	function	PRIM 59
copytree	function	PRIM 24
cos	function	PRIM 75
cosd	function	PRIM 75
cursorpos	function	PRIM 116
%data-type	function	INT 14
data-type	function	FLAV 61, INT 9
dbg	function	TOOLS 92, DEBUG 1
dbg:arg	function	DEBUG 13
dbg:clear-mar	function	DEBUG 37
dbg:condition-handled-p	function	COND 29, 30
dbg:decode-micro-pc	function	RN 137, NETIO 15
dbg:frame-active-p	function	COND 18
dbg:frame-arg-value	function	COND 19
dbg:frame-local-value	function	COND 20
dbg:frame-next-active-frame	function	COND 17
dbg:frame-next-interesting-active-frame	function	COND 17
dbg:frame-next-nth-active-frame	function	COND 18
dbg:frame-next-nth-interesting-active-frame	function	COND 18
dbg:frame-next-nth-open-frame	function	COND 18
dbg:frame-next-open-frame	function	COND 17
dbg:frame-number-of-locals	function	COND 20
dbg:frame-number-of-spread-args	function	COND 19
dbg:frame-out-to-interesting-active-frame	function	COND 18
dbg:frame-previous-active-frame	function	COND 17
dbg:frame-previous-interesting-active-frame	function	COND 18
dbg:frame-previous-open-frame	function	COND 18
dbg:frame-real-function	function	COND 19
dbg:frame-real-value-disposition	function	COND 20
dbg:frame-self-value	function	COND 20
dbg:frame-total-number-of-args	function	COND 19
dbg:fun	function	DEBUG 13
dbg:get-frame-function-and-args	function	COND 17
dbg:invoke-restart-handlers	function	COND 36
dbg:loc	function	DEBUG 13
dbg:mar-mode	function	DEBUG 37
dbg:print-frame-locals	function	COND 21
dbg:print-function-and-args	function	COND 20
dbg:set-mar	function	DEBUG 37
dbg:val	function	DEBUG 13
deallocate-resource	function	STOR 20
deallocate-whole-resource	function	RN 13, STOR 20
deallocate_pkt	function	NETIO 94
debugging-info	function	FUNC 7, 22
defstruct	function	FLAV 5
del	function	PRIM 35
del-if	function	PRIM 37
del-if-not	function	PRIM 37
delete	function	PRIM 34
delete-initialization	function	INIT 2
deletef	function	STR 67
delq	function	PRIM 34
deposit-byte	function	PRIM 79
deposit-field	function	PRIM 79
describe	function	MISCF 2, PRIM 42, DEFS 23, FLAV 13, 47, 61, TOOLS 32, 33, 96
describe-area	function	STOR 4
describe-defstruct	function	DEFS 1, 6

describe-flavor	function	FLAV 32, TOOLS 131
describe-package	function	PKG 46
describe-system	function	RN 94, MAINT 19
dfloat	function	RN 49, PRIM 76
*dif	function	3600 27, PRIM 74
difference	function	PRIM 68
dired	function	MISCU 1
Dired Apply	Function	ZMACS 141
disassemble	function	3600 14, MISCF 3, FUNC 7, TOOLS 96, 99, INT 37
disk-restore	function	3600 27, SIG 44, SITE 19, 30
disk-save	function	3600 32, FILE 74, SIG 28, SITE 20, 22, 30, STOR 13
displace	function	MAC 29
Displaying multiple values of a	function	SCROLL 6
%divide-double	function	PRIM 82
documentation	function	FUNC 7, 22, TOOLS 35, 39
dpb	function	PRIM 79
%draw-char	function	3600 19
dribble-end	function	MISCF 15
dribble-start	function	MISCF 15
dumparrays MacLisp	function	ARR 23
ed	function	MISCU 1
(ed)	function	ZMACS 10, 30
Editing the definition of a	function	ZMACS 11, MISCU 1
Editing the source code of a	function	ZMACS 11, MISCU 1
entity	function	3600 32, FUNC 36, FLAV 61
entityp	function	3600 31, PRIM 5
eq	function	PRIM 6, 61
eq1	function	RN 44, PRIM 7
equal	function	PRIM 7
error	function	COND 4, 25
errorp	function	PRIM 5, COND 26
eval	function	EVAL 17
evalhook	function	RN 72, 73, DEBUG 33, 34
evenp	function	PRIM 64
every	function	PRIM 37
Exclusive-or alu	function	WINDOC 34
exp	function	PRIM 75
explode	function	PRIM 117
explodec	function	PRIM 117
exploden	function	PRIM 117
export	function	PKG 27, 45
expt	function	PRIM 73
false	function	EVAL 22
fasd-update-file	function	3600 27
fasl-append	function	3600 27
fasload	function	3600 13, 27, STR 72
fboundp	function	PRIM 56
fdefine	function	FUNC 1, 16
fdefinedp	function	FUNC 21
fdefinition	function	FUNC 21
ferror	function	COND 4, 26
fifth	function	PRIM 20
fill-pointer	function	ARR 11
fillarray	function	ARR 16
find-all-symbols	function	PKG 39
find-position-in-list	function	PRIM 33
find-position-in-list-equal	function	PRIM 34
%find-structure-boxed-size	function	3600 23
%find-structure-header	function	3600 23, INT 14
%find-structure-leader	function	3600 23, INT 15
%find-structure-total-size	function	3600 23
first	function	PRIM 20
firstn	function	PRIM 26
fix	function	3600 22, PRIM 75
fixnum	function	3600 27
fixnump	function	PRIM 4

fixp	function	PRIM 3
fixr	function	PRIM 75
flatc	function	PRIM 117
flatsize	function	PRIM 117
flavor-allows-init-keyword-p	function	FLAV 32
float	function	RN 48, 3600 22, PRIM 76, ARR 4
%float-double	function	PRIM 83
floatp	function	RN 49, PRIM 3
flonum	function	3600 27
flonump	function	PRIM 4
fmakunbound	function	PRIM 56
follow-cell-forwarding	function	INT 13
follow-structure-forwarding	function	INT 13
font-baseline	function	WINDOC 61
font-blinker-height	function	WINDOC 62
font-blinker-width	function	WINDOC 61
font-char-height	function	WINDOC 61
font-char-width	function	WINDOC 61
font-char-width-table	function	WINDOC 61
font-chars-exist-table	function	WINDOC 62
font-indexing-table	function	WINDOC 62
font-left-kern-table	function	WINDOC 61
font-name	function	WINDOC 61
font-next-plane	function	3600 27
font-raster-height	function	WINDOC 62
font-raster-width	function	WINDOC 62
font-rasters-per-word	function	3600 27, WINDOC 62
font-words-per-char	function	3600 27, WINDOC 62
format	function	PRIM 115, WINDEX 48, STR 25
format:ochar	function	RN 21, STR 39
format:ofloat	function	STR 39
format:onum	function	STR 38
format:oprint	function	STR 39
format:ostring	function	STR 39
format:plural	function	STR 41
format:print-list	function	STR 37
format:tab	function	STR 40
forward-value-cell	function	INT 13
fourth	function	PRIM 20
fquery	function	MISCUI 10
freturn	Macroisp	function FLOW 28
fs:add-logical-pathname-host	function	RN 37
fs:change-file-properties	function	STR 68, 81
fs:close-all-files	function	STR 70
fs:complete-pathname	function	STR 81, FILE 24
fs:copy-pathname-defaults	function	FILE 29
fs:default-pathname	function	FILE 29
fs:describe-pathname	function	FILE 31
fs:directory-list	function	STR 79
fs:file-properties	function	STR 67, 81
fs:file-property-bindings	function	STR 75
fs:file-read-attribute-list	function	STR 72
fs:file-read-property-list	function	STR 74
fs:find-file-with-type	function	FILE 31
fs:init-file-pathname	function	RN 34, FILE 30
fs:make-logical-pathname-host	function	RN 37, WINDEX 74, FILE 51
fs:make-pathname	function	FILE 12, 28
fs:make-pathname-defaults	function	FILE 29
fs:merge-pathnames	function	FILE 24
fs:merge-pathnames-and-set-defaults	function	FILE 24
fs:parse-pathname	function	RN 33, FILE 23
fs:pathname-plist	function	FILE 31
fs:set-default-pathname	function	FILE 29
fs:set-logical-pathname-host	function	RN 38, WINDEX 74, FILE 52
fs:user-homedir	function	RN 34, FILE 29
fset	function	PRIM 1, 56
fset-carefully	function	FUNC 21
fsignal	function	COND 4, 26, 37

fsymeval	function	PRIM 1, 56
funcall	function	EVAL 17
funcall-self	function	FLAV 33
function-cell-location	function	PRIM 56
function-name	function	NOTA 1
functionp	function	PRIM 4
fundefine	function	FUNC 21
g-l-p	function	ARR 4, 15
gc-immediately	function	RN 98, 3600 32, STOR 9, 12, 13
gc-off	function	STOR 7
gc-on	function	STOR 7
gc-status	function	STOR 9
gcd	function	PRIM 72
gensym	function	PRIM 59, MAC 15
get	function	PRIM 40, FLAV 3, 65
get-error-mode	function	3600 27
get-handler-for	function	FLAV 32, TOOLS 133
get-list-pointer-into-array	function	3600 27, ARR 15
get-locative-pointer-into-array	function	3600 27, ARR 15
get-pname	function	PRIM 57
getchar	function	ARR 36
getcharn	function	ARR 36
gethash	function	PRIM 46
gethash-equal	function	PRIM 46
getl	function	PRIM 41
globalize	function	PKG 46
greaterp	function	PRIM 65
grind-top-level	function	STR 42
grindef	function	FUNC 7
haipart	function	PRIM 78
haulong	function	PRIM 78
Hostat	function	NETIO 61
hostat	function	MISCF 6, NETIO 91, 92
ignore	function	EVAL 22
implode	function	ARR 36
import	function	PKG 7, 27, 45
include	function	3600 27
Inclusive-or alu	function	WINDOC 34
initializations	function	INIT 3
inspect	function	MISCF 3, TOOLS 99, MISCT 1
instantiate-flavor	function	FLAV 25
intern	function	RN 7, PKG 5, 27, 39
intern-local	function	RN 7, PKG 27, 39
intern-local-soft	function	RN 7, PKG 39
intern-soft	function	RN 7, PKG 39
intersection	function	PRIM 35
isqrt	function	PRIM 74
last	function	PRIM 22
ldb	function	PRIM 79
ldb-test	function	PRIM 79
ldiff	function	PRIM 27
length	function	PRIM 19
lessp	function	PRIM 66
lexpr-continue-whopper	function	FLAV 28
lexpr-funcall	function	3600 18, EVAL 18, INT 21, 49
lexpr-funcall-self	function	FLAV 34
lexpr-send	function	EVAL 18, FLAV 15
lisp-reinitialize	function	MISCF 7
list	function	PRIM 22, 29, SCROLL 11
list*	function	PRIM 22, 29
list*-in-area	function	PRIM 23
list-array-leader	function	ARR 17
list-in-area	function	PRIM 22, 29
listarray	function	ARR 17, TOOLS 33
listf	function	STR 85
listify	function	EVAL 24
listp	function	PRIM 3
lmsf:edit-fspt	function	FILE 67

Imfs:find-backup-copies	function	SITE 12
Imfs:grow-file-partition	function	SIG 44
Imfs:rename-local-file-tool	function	FILE 42
load	function	TOOLS 68, STR 71
load or si:load-binary-file	function	3600 27
load-and-save-patches	function	MAINT 33, SITE 20
load-byte	function	PRIM 79
load-file-list	function	RN 39
load-patches	function	MAINT 33
loadarrays Maclisp	function	ARR 23
locate-in-closure	function	FUNC 35
locate-in-instance	function	FLAV 32
location-boundp	function	PRIM 86
location-makunbound	function	PRIM 86
iocativep	function	PRIM 5
log	function	PRIM 75
logand	function	PRIM 76
%logdbp	function	3600 29
%logdpb	function	PRIM 80
Logical and	function	FLOW 4
Logical or	function	FLOW 5
login	function	RN 5, LMS 34, MISCF 11, INIT 5
login-eval	function	MISCF 13
logior	function	PRIM 76
%logldb	function	3600 29, PRIM 80
lognot	function	PRIM 76
logout	function	MISCF 12, INIT 5
logxor	function	PRIM 76
ish	function	3600 29, PRIM 77
Maclisp allfiles	function	FILE 55
Maclisp crunit	function	FILE 55
Maclisp default	function	FILE 55
Maclisp directory	function	FILE 55
Maclisp mergef	function	FILE 55
Maclisp namelist	function	FILE 55
Maclisp namestring	function	FILE 55
Maclisp open	function	STR 59
Maclisp status homedir	function	FILE 55
Maclisp status udir	function	FILE 55
Maclisp truenam	function	FILE 55
Maclisp uread	function	FILE 55
macroexpand	function	MAC 33
macroexpand-1	function	MAC 33
mail	function	MISCU 1
make-area	function	3600 29, STOR 2
make-array	function	RN 16, ARR 4, 7, INT 57
make-array-into-named-structure	function	DEFS 25
make-broadcast-stream	function	STR 19
make-condition	function	COND 26
make-equal-hash-table	function	PRIM 45
make-hash-table	function	PRIM 44
make-instance	function	FLAV 13, 24
make-list	function	PRIM 23, 29, INT 15
make-package	function	RN 7, PKG 35
make-plane	function	RN 80, ARR 21
%make-pointer	function	INT 14
%make-pointer-offset	function	INT 14
make-process	function	PROC 11
make-stack-group	function	3600 29, INT 5
make-symbol	function	PRIM 59, PKG 7, 40
make-syn-stream	function	RN 20, STR 19
make-system	function	TOOLS 73, MAINT 11, 13
maknam	function	ARR 36
makunbound	function	PRIM 54, 55
makunbound-in-closure	function	FUNC 36
map	function	FLOW 32
map-resource	function	RN 14, STOR 21
mapatoms	function	PKG 42

mapatoms-all	function	RN 7, PKG 42, 57
mapc	function	FLOW 32
mapcan	function	FLOW 33
mapcar	function	FLOW 32
mapcon	function	FLOW 33
maphash	function	3600 31, PRIM 47
maphash-equal	function	PRIM 47
maplist	function	FLOW 32
mask-field	function	PRIM 79
math:decompose	function	ARR 20
math:determinant	function	ARR 20
math:fill-2d-array	function	ARR 20
math:invert-matrix	function	ARR 19
math:list-2d-array	function	ARR 20
math:multiply-matrices	function	ARR 19
math:solve	function	ARR 20
math:transpose-matrix	function	ARR 19
max	function	PRIM 67
mem	function	PRIM 33
memass	function	PRIM 38
member	function	PRIM 33
memq	function	PRIM 32
meter:expand-range	function	RN 51, INT 86
meter:function-name-with-escapes	function	RN 52, INT 86
meter:function-range	function	RN 52, INT 86
meter:list-functions-in-bucket	function	RN 51, INT 86
meter:make-pc-array	function	RN 51, INT 85
meter:map-over-functions-in-bucket	function	RN 52, INT 86
meter:monitor-all-functions	function	RN 51, INT 85
meter:print-functions-in-bucket	function	RN 51, INT 86
meter:range-of-bucket	function	RN 52, INT 86
meter:report	function	RN 51, INT 86
meter:start-monitor	function	RN 51, INT 86
meter:stop-monitor	function	RN 51, INT 86
mexp	function	MAC 27, TOOLS 96
min	function	PRIM 67
minus	function	PRIM 68
minusp	function	PRIM 64
mod	function	RN 49, PRIM 71
monitor-variable	function	DEBUG 39
%multiply-fractions	function	PRIM 82
named-structure-invoke	function	DEFS 25
named-structure-p	function	DEFS 24
named-structure-symbol	function	DEFS 25
nbutlast	function	PRIM 26, ARR 16
nconc	function	PRIM 25, 29
ncons	function	PRIM 18, 29
ncons-in-area	function	PRIM 19
neq	function	PRIM 7
net:abort-service-access-path-future	function	PROT 41
net:continue-service-access-path-future	function	PROT 40
net:find-object-from-property-list	function	PROT 27
net:find-object-named	function	PROT 27
net:find-objects-from-property-list	function	RN 143, PROT 27
net:find-path-to-protocol-on-host	function	PROT 39
net:find-paths-to-protocol-on-host	function	PROT 39
net:find-paths-to-service	function	PROT 39
net:find-paths-to-service-on-host	function	PROT 39
net:finger-all-lispms	function	NETIO 86
net:finger-local-lispms	function	NETIO 86
net:get-connection-for-service	function	PROT 49
net:invoke-service-access-path	function	PROT 39
net:invoke-service-on-host	function	PROT 38
net:note-server-closed	function	PROT 84
net:note-server-established	function	PROT 81, 83
net:service-access-path-future-connected-p	function	PROT 40
net:set-site	function	SIG 35
net:start-service-access-path-future	function	PROT 40

neti:allocate-packet-buffer	function	PROT 65
neti:change-server-error-disposition	function	PROT 53
neti:deallocate-packet-buffer	function	PROT 65
neti:disable	function	RN 107, 108, NETIO 92
neti:enable	function	RN 107, 108, NETIO 92
neti:find-network-interfaces	function	PROT 71
neti:find-path-to-service-on-host	function	PROT 39
neti:funcall-server-internal-function	function	PROT 81, 83
neti:get-sub-packet	function	PROT 66
neti:map-packet-buffers	function	PROT 69
neti:maybe-packet-buffer-panic	function	PROT 69
neti:most-desirable-service-access-path	function	PROT 40
neti:packet-being-transmitted	function	PROT 68
neti:packet-buffer-panic	function	PROT 69
neti:prune-namespace-changes-file	function	PROT 25
neti:read-nic-host-table	function	PROT 25
neti:read-object-file-and-update	function	PROT 25
neti:reset	function	RN 107, 108, NETIO 92
neti:server-argument-descriptions	function	PROT 83
neti:server-function	function	PROT 83
neti:server-medium-type	function	PROT 83
neti:server-number-of-arguments	function	PROT 83
neti:server-property-list	function	PROT 83
neti:server-protocol-name	function	PROT 81, 83
neti:translate-hosts.text-file	function	PROT 25
neti:write-hosts.text-file	function	PROT 26
neti:write-nic-host-table-file	function	PROT 26
nintersection	function	PRIM 35
nleft	function	PRIM 26
nlistp	function	PRIM 3
not	function	PRIM 8
notype	function	3600 27
nreconc	function	PRIM 26
nreverse	function	PRIM 24, 29
nsublis	function	PRIM 29
nsubst	function	PRIM 28
nsubstring	function	ARR 4, 29
nsymbolp	function	PRIM 3
nth	function	PRIM 21
nthcdr	function	PRIM 21
null	function	PRIM 8
number-gc-on	function	3600 27, STOR 7
numberp	function	PRIM 3, INT 52
nunion	function	PRIM 35
oddp	function	PRIM 64
open	function	STR 60, INT 69
%open-call-block	function	INT 22
%p-cdr-code	function	INT 19
%p-contents-as-locative	function	INT 17
%p-contents-as-locative-offset	function	INT 17
%p-contents-offset	function	3600 19, INT 17
%p-data-type	function	INT 19
%p-deposit-field	function	3600 23, INT 19
%p-deposit-field-offset	function	3600 23, INT 19
%p-dpb	function	INT 18
%p-dpb-offset	function	3600 19, INT 18
%p-flag-bit	function	INT 19
%p-ldb	function	INT 18
%p-ldb-offset	function	3600 19, INT 18
%p-mask-field	function	3600 23, INT 19
%p-mask-field-offset	function	3600 23, INT 19
%p-pointer	function	3600 21, INT 19
%p-store-cdr-code	function	INT 19
%p-store-contents	function	INT 18
%p-store-contents-offset	function	INT 18
%p-store-data-type	function	INT 19
%p-store-flag-bit	function	INT 20
%p-store-pointer	function	3600 21, INT 19

%p-store-tag-and-pointer	function	INT 18
package-external-symbols	function	PKG 45
package-shadowing-symbols	function	PKG 46
package-use-list	function	PKG 44
package-used-by-list	function	RN 7, PKG 44, 57
pairlis	function	PRIM 39
parse-number	function	ARR 30
parse_host	function	NETIO 93
peek	function	MISCU 5
pkg-add-relative-name	function	PKG 16, 44
pkg-contained-in	function	PKG 57
pkg-create-package	function	RN 7, PKG 58
pkg-debug-copy	function	PKG 57
pkg-delete-relative-name	function	PKG 16, 44
pkg-find-package	function	PKG 41
pkg-goto	function	PKG 31, TOOLS 19
pkg-kill	function	PKG 37
pkg-load	function	PKG 57
pkg-name	function	PKG 41
pkg-refname-alist	function	PKG 57
pkg-super-package	function	PKG 57
plane-aref	function	ARR 22
plane-aset	function	ARR 22
plane-default	function	ARR 22
plane-extension	function	ARR 22
plane-origin	function	ARR 22
plane-ref	function	ARR 22
plane-store	function	ARR 22
plist	function	PRIM 57, TOOLS 35
*plus	function	3600 27, PRIM 74
plus	function	PRIM 68
plusp	function	PRIM 64
%pointer	function	3600 21, INT 14
%pointer-difference	function	INT 14
%pop	function	INT 22
Presetting a	function	PROC 1
prin1	function	PRIM 115
prin1-then-space	function	PRIM 115
princ	function	PRIM 115, PKG 20
print	function	PRIM 115, FUNC 36
print-compiler-warnings	function	COMP 13
print-disk-label	function	FILE 72, SIG 27, SITE 17
print-error-mode	function	3600 27
print-herald	function	RN 39, SIG 36, SITE 22
print-notifications	function	RN 99, MISCF 5
print-sends	function	MISCF 5, CONV 4
print-system-modifications	function	MAINT 29
probef	function	STR 70
process-allow-schedule	function	PROC 3, 5
process-disable	function	PROC 23
process-enable	function	PROC 23
process-initial-form	function	PROC 23
process-initial-stack-group	function	PROC 23
process-lock	function	PROC 9
process-name	function	PROC 23
process-preset	function	PROC 23
process-reset	function	PROC 23
process-reset-and-enable	function	PROC 23
process-run-function	function	PROC 12, 25
process-run-restartable-function	function	PROC 13, 25
process-run-temporary-function	function	PROC 12, 25
process-sleep	function	PROC 5
process-stack-group	function	PROC 23
process-unlock	function	PROC 9
process-wait	function	PROC 3, 4
process-wait-argument-list	function	PROC 23
process-wait-function	function	PROC 23
process-wait-with-timeout	function	RN 95, PROC 5

process-whostate	function	PROC 24
prompt-and-read	function	RN 85, TOOLS 128, MISCUI 13
property-cell-location	function	PRIM 57
%push	function	INT 22
puthash	function	PRIM 46
puthash-equal	function	PRIM 46
putprop	function	PRIM 41, FLAV 3, 65
qc-file	function	3600 13, 27
qc-file-load	function	3600 13, 27
qreply	function	CONV 4
qsend	function	CONV 3, MISCUI 2
*quo	function	3600 27, PRIM 74
quotient	function	PRIM 70
random	function	PRIM 81
rass	function	PRIM 38
rassoc	function	PRIM 38
rassq	function	PRIM 38
read	function	RN 61, PRIM 29, 89, 110, STR 57
read-delimited-string	function	RN 60, PRIM 112
read-for-top-level	function	PRIM 110
read-from-string	function	RN 84, PRIM 113
read-meter	function	3600 27, INT 30
read-or-end	function	RN 62, PRIM 110
readch	function	PRIM 113
readfile	function	STR 71
readline	function	RN 62, PRIM 111
readline-or-nil	function	RN 63, PRIM 112
readline-trim	function	RN 62, PRIM 111
readlist	function	PRIM 114
*rearray	MacLisp function	ARR 23
recompile-flavor	function	FLAV 30
record-source-file-name	function	RN 147, FUNC 17
%region-number	function	STOR 4
rem	function	PRIM 35
rem-if	function	PRIM 36
rem-if-not	function	PRIM 36
remainder	function	PRIM 71
%remainder-double	function	PRIM 83
remhash	function	PRIM 46
remhash-equal	function	PRIM 46
remob	function	PKG 7, 27, 40
remove	function	PRIM 35
remprop	function	RN 147, PRIM 41, FLAV 5
remq	function	PRIM 35
renamef	function	RN 27, STR 66
reset-initializations	function	INIT 3
reset-user-options	function	MENUS 67
rest1	function	PRIM 20
rest2	function	PRIM 20
rest3	function	PRIM 21
rest4	function	PRIM 21
return-array	function	ARR 14
return-list	function	FLOW 11
return-next-value	function	3600 27
reverse	function	PRIM 24
room	function	STOR 15
rot	function	3600 29, PRIM 77
rplaca	function	RN 148, PRIM 27, 29, 85, ARR 4
rplacd	function	RN 148, PRIM 27, 29, 85, ARR 4
samepnamep	function	PRIM 57, ARR 36
sassoc	function	PRIM 39
sassq	function	PRIM 39
second	function	PRIM 20
send	function	EVAL 18, FLAV 15
set	function	PRIM 53
Set all bits alu	function	WINDOC 34
set-character-translation	function	PRIM 105
set-current-band	function	3600 27, SIG 44, SITE 18

set-current-microload	function	3600 27, SIG 44, SITE 18
set-in-closure	function	FUNC 34
set-in-instance	function	FLAV 32
set-mar	function	3600 27
set-memory-size	function	3600 27, 32, MISCF 3
set-syntax-#-macro-char	function	PRIM 99, 106
set-syntax-from-char	function	PRIM 105
set-syntax-from-description	function	RN 18, PRIM 106
set-syntax-macro-char	function	PRIM 98, 105
set-system-status	function	MAINT 37
setarg	function	EVAL 23
setplist	function	PRIM 57
setsyntax	function	PRIM 107
setsyntax-sharp-macro	function	PRIM 107
seventh	function	PRIM 20
sg-return-unsafe	function	3600 27
shadow	function	PKG 8, 27, 45
shadowing-import	function	PKG 7, 8, 27, 45
si:advise-1	function	DEBUG 27
si:allocate-unibus-map	function	NETIO 105
si:checksum-band	function	SIG 33, SITE 28
si:clear-band	function	SIG 44
si:compare-band	function	SIG 34, SITE 29
si:compress-band	function	SITE 23
si:copy-disk-partition	function	SIG 45
si:current-band	function	SIG 44
si:current-microload	function	SIG 44
si:data-types	function	INT 12
si:deallocate-unibus-map	function	NETIO 106
si:describe-partition	function	SIG 45
si:describe-partitions	function	SIG 45
si:describe-system-versions	function	SIG 37
si:disk-array-block-count	function	INT 57
si:disk-array-checkwords	function	INT 57
si:disk-event-count	function	INT 59
si:disk-event-enq-task	function	INT 59
si:disk-event-error-cylinder	function	INT 60
si:disk-event-error-dcw	function	INT 61
si:disk-event-error-flushed-transfer-count	function	INT 60
si:disk-event-error-head	function	INT 60
si:disk-event-error-sector	function	INT 60
si:disk-event-error-string	function	INT 60
si:disk-event-error-type	function	INT 59, 62
si:disk-event-error-unit	function	INT 60
si:disk-event-size	function	INT 59
si:disk-event-suppress-error-recovery	function	INT 60, 62
si:disk-event-task-done-p	function	INT 59
si:edit-disk-label	function	SIG 43, SITE 18
si:edit-fep-label	function	INT 83
si:equal-hash	function	PRIM 48
si:flavor-allowed-init-keywords	function	FLAV 32, TOOLS 133, TOOLS 133
si:flavor-default-init-get	function	FLAV 33
si:flavor-default-init-putprop	function	FLAV 33
si:flavor-default-init-remprop	function	FLAV 33
si:full-gc	function	RN 73, 3600 32, STOR 8, 13
si:function-spec-get	function	FUNC 21
si:function-spec-putprop	function	FUNC 21
si:get-release-version	function	MAINT 30
si:get-site-option	function	PROT 28
si:get-system-version	function	MAINT 29, SIG 37
si:halt	function	RN 133, LMS 34, NETIO 3
si:hardcopy-from-stream	function	HARD 10
si:hardcopy-text-file	function	HARD 9
si:install-microcode	function	RN 94, FILE 73, SITE 24
si:lisp-top-level	function	MISCF 7
si:lisp-top-level1	function	MISCF 7
si:load-binary-file	function	3600 13
si:load-mcr-file	function	SITE 24

si:login-to-sys-host	function	SIG 35
si:loop-named-variable	function	FLOW 58
si:loop-tassoc	function	FLOW 58
si:loop-tequal	function	FLOW 58
si:loop-tmember	function	FLOW 58
si:make-coroutine-bidirectional-stream	function	RN 91, STR 24
si:make-coroutine-input-stream	function	RN 91, STR 23
si:make-coroutine-output-stream	function	RN 91, STR 23
si:make-hardcopy-stream	function	TOOLS 118, TOOLS 118, HARD 10
si:make-process-queue	function	RN 71, PROC 10
si:make-serial-stream	function	RN 110, 111, NETIO 25, 26, 32
si:map-unibus-page	function	NETIO 106
si:mount-disk-unit	function	INT 83
si:null-stream	function	STR 21
si:parse-host	function	PROT 28
si:patch-loaded-p	function	RN 70, MAINT 30
si:print-disk-error-log	function	MISCF 5
si:print-fep-file-system	function	INT 84
si:print-list	function	STR 57
si:print-loaded-band	function	SIG 43, SITE 19
si:print-login-history	function	MISCF 5, SITE 22
si:print-object	function	STR 57
si:print-system-status-warning	function	SIG 37
si:print-unibus-map	function	NETIO 106
si:process-dequeue	function	RN 71, PROC 10
si:process-enqueue	function	RN 71, PROC 10
si:process-queue-locker	function	RN 71, PROC 10
si:process-warm-boot-delayed-restart	function	PROC 25
si:process-warm-boot-restart	function	PROC 25
si:random-create-array	function	PRIM 81
si:random-initialize	function	PRIM 81
si:read-fep-label	function	INT 83
si:read-recursive	function	RN 83, PRIM 99
si:receive-band	function	SIG 30, SITE 24
si:rename-within-new-definition-maybe	function	FUNC 29
si:resequence-fep-file-system	function	INT 84
si:reset-process-queue	function	RN 71, PROC 10
si:return-disk-event-task	function	INT 59
si:sb-on	function	RN 95, PROC 3, 6
si:set-current-world-load	function	3600 27
si:set-default-hardcopy-device	function	HARD 7
si:set-process-wait	function	PROC 22
si:set-scavenger-ws	function	STOR 7, 12
si:set-screen-hardcopy-device	function	HARD 7
si:set-system-source-file	function	MAINT 11, WINDEX 74
si:system-version-info	function	MAINT 29
si:transmit-band	function	SIG 31, SITE 26
si:unadvise-1	function	DEBUG 27
si:unbln-file	function	3600 13, COMP 26
si:unencapsulate-function-spec	function	FUNC 27
si:unfasl	function	COMP 26
si:unfasl-file	function	3600 13
si:unibus-map-address	function	NETIO 106
si:unwire-page	function	3600 23, INT 23
si:verify-fep-file-system	function	INT 84
si:wait-for-disk-done	function	INT 59
si:wait-for-disk-event	function	INT 59
si:wait-for-disk-event-task	function	INT 59
si:wire-page	function	3600 23, INT 23
si:write-fep-label	function	INT 83
signal	function	COND 4, 25, 37, TOOLS 104, 125, 128
signal	function	PRIM 74
sin	function	PRIM 75
sind	function	PRIM 75
sixth	function	PRIM 20
small-float	function	3600 27, 31, PRIM 76
small-floatp	function	3600 27, 31, PRIM 4
some	function	PRIM 37

sort	function	RN 144, PRIM 29, 49
sort-grouped-array	function	PRIM 51
sort-grouped-array-group-key	function	PRIM 51
sortcar	function	PRIM 50
sqrt	function	PRIM 74
stable-sort	function	PRIM 51
stable-sortcar	function	PRIM 51
%stack-frame-pointer	function	INT 20
stack-group-preset	function	INT 6
stack-group-resume	function	INT 2, 6
stack-group-return	function	INT 2, 6
step	function	TOOLS 91, DEBUG 31
Stepper	function	SCROLL 13
store-array-leader	function	ARR 11
store-conditional	function	3600 24, INT 16
%store-conditional	function	3600 24
stream-copy-until-eof	function	PRIM 115
stream-default-handler	function	STR 21
string	function	RN 16, ARR 27
string-append	function	RN 16, ARR 29
string-capitalize-words	function	ARR 27
string-compare	function	RN 81, ARR 28
string-downcase	function	RN 80, ARR 27
string-equal	function	ARR 28
%string-equal	function	ARR 28
string-left-trim	function	ARR 30
string-length	function	RN 16, ARR 27
string-lessp	function	ARR 28
string-nconc	function	ARR 29
string-nreverse	function	ARR 30
string-pluralize	function	ARR 30
string-reverse	function	ARR 30
string-reverse-search	function	ARR 33
string-reverse-search-char	function	ARR 32
string-reverse-search-not-char	function	ARR 33
string-reverse-search-not-set	function	ARR 33
string-reverse-search-set	function	ARR 33
string-right-trim	function	ARR 30
string-search	function	ARR 32
%string-search-char	function	ARR 31
string-search-char	function	ARR 31
string-search-not-char	function	ARR 32
string-search-not-set	function	ARR 32
string-search-set	function	ARR 32
string-trim	function	ARR 30
string-upcase	function	RN 80, ARR 27
stringp	function	PRIM 4
%structure-boxed-size	function	INT 15
structure-forward	function	INT 13
%structure-total-size	function	INT 15
sub1	function	PRIM 72
sublis	function	PRIM 28
subrp	function	PRIM 4
subset	function	PRIM 36
subset-not	function	PRIM 36
subst	function	PRIM 28
substring	function	ARR 29
swaphash	function	PRIM 46
swaphash-equal	function	PRIM 47
xhash	function	PRIM 32
symbol-package	function	PKG 7, 40
symbolp	function	PRIM 3
symeval	function	PRIM 1, 53
symeval-in-closure	function	FUNC 34
symeval-in-instance	function	FLAV 32
symeval-in-stack-group	function	INT 6
sys:%binding-instances	function	INT 26
sys:%block-store-tag-and-pointer	function	3600 24

sys:%change-list-to-cons	function	3600 24
sys:%change-page-status	function	3600 23, INT 25
sys:%color-transform	function	WINDOC 40
sys:%compute-page-hash	function	3600 23, INT 25
sys:%create-page-physical-page	function	3600 23
sys:%create-physical-page	function	INT 25
sys:%delete-physical-page	function	3600 23, INT 25
sys:%disk-restore	function	3600 23, INT 25
sys:%disk-save	function	3600 23, INT 25
sys:%draw-line	function	WINDOC 40
sys:%draw-rectangle	function	WINDOC 40
sys:%draw-triangle	function	WINDOC 40
sys:%fixnum	function	3600 22
sys:%flonum	function	3600 22
sys:%halt	function	RN 133, 3600 23, INT 17
sys:%instance-flavor	function	3600 24
sys:%internal-value-cell	function	INT 26
sys:%p-store-cdr-and-contents	function	3600 24
sys:%p-store-cdr-type-and-pointer	function	3600 24
sys:%p-structure-offset	function	3600 24
sys:%pointer-lessp	function	3600 24
sys:%pointer-type-p	function	3600 24, INT 35
sys:%pointerp	function	3600 24, INT 35
sys:%unsynchronized-device-read	function	3600 24
sys:%using-binding-instances	function	INT 26
sys:%xbus-write-sync	function	INT 17
sys:block-store-cdr-and-contents	function	3600 24
sys:disk-read	function	INT 62
sys:disk-write	function	INT 62
sys:double-float-p	function	RN 49, PRIM 4
sys:dump-forms-to-file	function	COMP 25
sys:fdefinition-location	function	FUNC 21
sys:function-parent	function	FUNC 18
sys:id-alloc	function	3600 18
sys:id-aref	function	3600 18
sys:id-aset	function	3600 18
sys:lexpr-alloc	function	3600 18
sys:lexpr-aref	function	3600 18
sys:lexpr-aset	function	3600 18
sys:page-in-area	function	INT 23
sys:page-in-array	function	INT 23
sys:page-in-region	function	INT 23
sys:page-in-structure	function	INT 23
sys:page-in-words	function	INT 23
sys:page-out-area	function	INT 24
sys:page-out-array	function	INT 24
sys:page-out-region	function	INT 24
sys:page-out-structure	function	INT 24
sys:page-out-words	function	INT 24
sys:parse-ferror	function	RN 24, COND 26
sys:reset-temporary-area	function	STOR 5
sys:sg-previous-stack-group	function	INT 3
sys:single-float-p	function	RN 49, PRIM 4
tailp	function	PRIM 34
tape:copy-tape	function	TAPE 13
tape:make-stream	function	TAPE 1
terpri	function	PRIM 115
The format	Function	STR 25
The Optional Constraint	Function	MENUS 61
The si:full-gc	function	STOR 8
The Standard Choose Variable Values	Function	MENUS 61
The Standard Multiple Choice	Function	MENUS 52
The Standard Multiple Menu Choose	Function	MENUS 47
The tape:make-stream	Function	TAPE 1
The zwei:open-editor-stream	function	MISCUI 20
third	function	PRIM 20
*throw	function	FLOW 28
time	function	MISCUI 2

time-difference	function	MISCUI 2
time-increment	function	MISCUI 2
time-lessp	function	MISCUI 2
time:day-of-the-week-string	function	MISCUI 7
time:daylight-savings-p	function	MISCUI 7
time:daylight-savings-time-p	function	MISCUI 7
time:decode-universal-time	function	MISCUI 6
time:encode-universal-time	function	MISCUI 6
time:fixnum-microsecond-time	function	MISCUI 3
time:get-time	function	MISCUI 2
time:get-universal-time	function	MISCUI 2
time:initialize-timebase	function	MISCUI 7
time:leap-year-p	function	MISCUI 7
time:microsecond-time	function	MISCUI 3
time:month-length	function	MISCUI 7
time:month-string	function	MISCUI 8
time:parse	function	MISCUI 5
time:parse-interval-or-never	function	MISCUI 6
time:parse-universal-time	function	MISCUI 5
time:print-brief-universal-time	function	MISCUI 4
time:print-current-date	function	MISCUI 3
time:print-current-time	function	MISCUI 3
time:print-date	function	MISCUI 4
time:print-interval-or-never	function	MISCUI 6
time:print-time	function	MISCUI 3
time:print-universal-date	function	MISCUI 4
time:print-universal-time	function	MISCUI 3
time:read-interval-or-never	function	MISCUI 6
time:set-local-time	function	MISCUI 2
time:timezone-string	function	MISCUI 8
time:verify-date	function	MISCUI 7
*times	function	3600 27, PRIM 74
times	function	PRIM 69
true	function	EVAL 22
tv:add-escape-key	function	WINDOC 53
tv:add-system-key	function	WINDOC 54, WINDEX 75, 76
tv:add-to-system-menu-create-menu	function	RN 104, MENUS 39
tv:add-to-system-menu-programs-column	function	RN 104, WINDEX 75, 77, MENUS 39
tv:choose-variable-values	function	TOOLS 116, 124, TOOLS 116, 124, MENUS 62
tv:choose-variable-values-process-message	function	MENUS 73
tv:defaulted-multiple-menu-choose	function	MENUS 48
tv:edit-namespace-object	function	RN 107, PROT 19
tv:io-buffer-output-function	function	WINDOC 41, 52
tv:kbd-default-output-function	function	WINDOC 41, 52
tv:kbd-intercept-character	function	WINDOC 41
tv:key-state	function	WINDOC 41, 75
tv:key-test	function	WINDOC 76
tv:make-blinker	function	TOOLS 129, TOOLS 129, WINDOC 64
tv:make-sheet-bit-array	function	WINDOC 41
tv:make-window	function	TOOLS 104, 114, 117, 120, WINDOC 23, SCROLL 3
tv:menu-choose	function	RN 149, MENUS 12, 19
tv:mouse-button-encode	function	WINDOC 71
tv:mouse-buttons	function	WINDOC 72
tv:mouse-input	function	WINDOC 72, WINDEX 78
tv:mouse-overseer	function	WINDEX 16
tv:mouse-set-blinker-cursorpos	function	WINDEX 18
tv:mouse-wait	function	RN 101, WINDOC 71, WINDEX 59
tv:mouse-wakeup	function	WINDEX 19
tv:mouse-y-or-n-p	function	MENUS 20
tv:multiple-choose	function	MENUS 52
tv:multiple-menu-choose	function	MENUS 47
tv:scroll-maintain-list	function	RN 105, SCROLL 13
tv:scroll-parse-item	function	SCROLL 5, 9
tv:select-or-create-window-of-flavor	function	RN 104, WINDEX 77, MENUS 40
tv:set-default-font	function	RN 149
tv:set-default-window-size	function	WINDOC 81

tv:sheet-following-blinker	function	TOOLS 129, TOOLS 129, WINDOC 66
tv:turn-off-sheet-blinkers	function	WINDOC 66
tyl	function	PRIM 110
typeek	function	PRIM 113
tyo	function	PRIM 115
typep	function	3600 16, 31, PRIM 5, FUNC 34, DEFS 23, PKG 9, 31, TOOLS 131
unbreakon	function	COND 44, TOOLS 92
uncompile	function	FUNC 16, COMP 4
undefflavor	function	RN 53, FLAV 30
undefun	function	FUNC 21
undeletf	function	STR 67
unexport	function	PKG 27, 45
%unibus-read	function	NETIO 107, INT 16
%unibus-write	function	NETIO 107, INT 16
union	function	PRIM 35
unmonitor-variable	function	DEBUG 39
unuse-package	function	PKG 27, 44
*unwind-stack	function	3600 28, FLOW 28
uptime	function	MISCF 6
use-package	function	PKG 4, 27, 44
value-cell-location	function	PRIM 54, 55
values	function	EVAL 25
values-list	function	EVAL 25
viewf	function	STR 68
what-files-call	function	MISCF 1, TOOLS 35
where-is	function	RN 7, MISCF 2, PKG 5, 46, 57, TOOLS 34
who-calls	function	MISCF 1, FUNC 10, TOOLS 35
who-uses	function	MISCF 1
write-meter	function	INT 30
write-user-options	function	MENUS 67
writel-meter	function	3600 27
%xbus-read	function	INT 17
%xbus-write	function	INT 17
xcons	function	PRIM 18, 29
xcons-in-area	function	PRIM 19
xstore	function	3600 27, ARR 24
y-or-n-p	function	MISCUI 9
yes-or-no-p	function	MISCUI 9
zerop	function	PRIM 64
zwei:add-bug-recipient	function	ZMAILT 33
zwei:com-zmail-select-all-conversations-by-references	function	RN 130
zwei:edit-functions	function	ZMACS 11
zwei:open-editor-stream	function	MISCUI 20
zwei:qsend-off	function	CONV 4
zwei:qsend-on	function	CONV 4
zwei:save-all-files	function	MISCF 5
\	function	PRIM 71
\\	function	PRIM 73
~	function	PRIM 73
~\$	function	PRIM 73
		FUNCTION 2 W displays current process name in status line RN 148
		FUNCTION A command ZMAILT 24
		Function abbreviation PRIM 99
		Function Apropos (m-X) TOOLS 37
		FUNCTION C command RN 113
Changes to		FUNCTION C, FUNCTION M, and FUNCTION Q RN 113
		FUNCTION c-C command RN 113
		FUNCTION c-CLEAR-INPUT command NETIO 5
		FUNCTION c-Q command RN 113
		FUNCTION c-T command ZMAILT 24
		Function calling 3600 14, INT 1
tv:scroll-maintain-list	init	function can take arguments RN 105
		Function cell PRIM 1, 55
The		Function Cell PRIM 55

- FUNCTION CLEAR-SCREEN command ZMAILT 24
- .MOACN function code NETIO 81
- .MOAWS function code NETIO 81
- .MOEOF function code NETIO 81
- .MOERR function code NETIO 81
- .MOFHS function code NETIO 81
- .MONOP function code NETIO 81
- .MOOPN function code NETIO 81
- .MOPKR function code NETIO 81
- .MOPKS function code NETIO 81
- .MORWS function code NETIO 81
- .MOSIZ function code NETIO 81
- .MOSND function code NETIO 81
- .MOSRT function code NETIO 81
- .MOSWS function code NETIO 81
- .MOUAC function code NETIO 81
- FUNCTION commands WINDOC 52
- Formatted print of function definitions STR 42
- Simple Function Definitions FUNC 4
- Display Function Documentation ZMACS 37
- Function documentation ZMACS 37
- Function Entry INT 47
- Function Entry Frame PRIM 1, FUNC 10, COMP 1
- Function Entry Frames INT 37
- Undefined function error COND 54
- Tracing Function Execution DEBUG 19
- Untracing Function Execution DEBUG 24
- FUNCTION F command PROT 18
- m-SUSPEND selects frame with **break** read function for Debugger RN 116
- New Function for Putting Data in Compiled Code Files 3600 32
- FUNCTION H command NETIO 92
- :function init option for **tv:basic-choose-variable-values** MENUS 74
- :function init option for **tv:choose-variable-values** MENUS 62
- :function init-plist option MENUS 61
- Read function interpretation of conses PRIM 93
- Read function interpretation of numbers PRIM 93
- Read function interpretation of strings PRIM 93
- FUNCTION key RN 133, 3600 5, WINDOC 41, 52
- FUNCTION Key: Display and Hardcopy Commands LMS 38
- FUNCTION Key: Recovering From Stuck States LMS 41
- FUNCTION Key: Selection and Notification Commands LMS 39
- Introduction: Index of Function Keys LMS 37
- Special function keys character representation STR 3
- Index of Function Keys: Lisp Machine Summary 3600 Edition LMS 37
- Length of :function line item SCROLL 6
- Width of :function line item SCROLL 6
- :function line item entry SCROLL 6
- :function list item keyword SCROLL 11
- FUNCTION M command RN 113
- Changes to FUNCTION C, FUNCTION M, and FUNCTION Q RN 113
- FUNCTION m-C command RN 113
- Read function of symbols PRIM 93
- :function option to **tv:choose-variable-values** TOOLS 124
- Compiled function pointer 3600 23
- FUNCTION Q HARD 7
- Changes to FUNCTION C, FUNCTION M, and FUNCTION Q RN 113
- FUNCTION Q command RN 113
- FUNCTION Q screen copy command HARD 1
- Function renaming FUNC 29
- Basic definition of the function spec FUNC 1, 24

- :internal** function spec type FUNC 1
- :location** function spec type FUNC 1
- :method** function spec type FUNC 1
- :property** function spec type FUNC 1
- :within** function spec type FUNC 1
- Symbol function spec type FUNC 1
- function** special form EVAL 20
- Function Specs FUNC 1
- :method** function specs FUNC 16
- Defining function specs FUNC 1
- Compiled function storage area STOR 5
- New function to be called by reader macros:
 - si:read-recursive** RN 83
- Reading function to use input editor RN 59, STR 50
- FUNCTION W command RN 148
- Advising One Function Within Another DEBUG 29
- Function-calling Errors COND 59
- Function-calling Subprimitives 3600 25
- Function-calling Subprimitives (LM-2) INT 21
- function-cell-location** function PRIM 56
- function-defined** function COMP 16
- Function-defining Special Forms FUNC 11
- function-name** function NOTA 1
- meter:** **function-name-with-escapes** function RN 52, INT 86
- How to use the **sys:** **function-parent** declaration RN 145
- sys:** **function-parent** declaration RN 145
- Using the **sys:** **function-parent** declaration FUNC 19
- sys:** **function-parent** function FUNC 18
- meter:** **function-range** function RN 52, INT 86
- compiler:** **function-referenced** function COMP 16
- si:** **function-spec-get** function FUNC 21
- si:** **function-spec-putprop** function FUNC 21
- *Function-Specs-to-Edit-n*** buffer ZMACS 11
- New function: **applyhook** RN 72
- New function: **chaos:conn-finished-p** RN 109
- Previously undocumented function: **clear-resource** RN 78
- Previously undocumented function: **describe-system** RN 94
- New function: **dfloat** RN 49
- New function: **eq1** RN 44
- Previously undocumented function: **fs:set-logical-pathname-host** RN 38
- New function: **make-package** RN 7
- New function: **mod** RN 49
- New function: **read-delimited-string** RN 60
- New function: **readline-or-nil** RN 63
- New function: **si:patch-loaded-p** RN 70
- New function: **si:read-or-end** RN 62
- Previously undocumented function: **string-compare** RN 81
- New function: **sys:parse-error** RN 24
- New function: **undeflavor** RN 53
- What is a Function? FUNC 1
- &functional** keyword EVAL 20
- &functional** lambda-list keyword FUNC 14
- Functional objects FLAV 11
- functionp** function PRIM 4
- functions STR 37
- :minpad** option for formatting functions STR 37
- :padchar** option for formatting functions STR 37
- :tab-period** option for formatting functions STR 37
- Abstract-operation functions FLAV 5
- Access functions MAC 35
- Accessor functions DEFS 1, 21
- Adding new keywords to initialization functions INIT 1
- Administrative Functions PROT 25
- Advice to functions DEBUG 25
- Alu functions WINDOC 23, 33
- Arguments to functions FUNC 16, 22
- Array referencing functions INT 49
- Arrays as functions ARR 4

Symbolics, Inc. March 1984

Arrays used as	functions	FUNC 11
Asynchronous execution of	functions	PROC 11
Basic Array	Functions	ARR 7
Byte manipulation	functions	3600 29, PRIM 78
Cdr storing	functions	FUNC 1
Changed	Functions	3600 13
Closure-manipulating	Functions	FUNC 34
Compiled	functions	FUNC 7, 10, 11, TOOLS 63
Connection interrupt	functions	NETIO 90
Cross-host translation	functions	FILE 12
Debugging info alist	functions	FUNC 7, 16, 22, 24
Defining	functions	FUNC 1, 4, 11
Definitions of	functions	FUNC 16, COMP 23
Degrees in trigonometric	functions	PRIM 74, 75
Disk Event Accessor	Functions	INT 59
Documentation string	functions	FUNC 7, 16, 22
Evaluation of special	functions	FUNC 7
Flavor	Functions	FLAV 23
Flavor system storing	functions	FUNC 1
Formatting	functions	STR 37
Frame-manipulating	functions	COND 16
Functions:	Functions	FUNC 1
Handler-list searching	functions	COND 30
Hardcopy	Functions	HARD 9
Hash Table	Functions	PRIM 46
How Programs Examine	Functions	FUNC 22
Input	Functions	PRIM 109
Internal	functions	NOTA 1, MISCUI 7
Interpreted	functions	FUNC 7, 9, TOOLS 63
Kinds of	Functions	FUNC 7
Lambda	functions	FUNC 9
LM-2 Software Installation	Functions	SIG 42
Locate	functions	MAC 35
Machine-dependent Numeric	Functions	3600 32
Maclisp-compatible	Functions	ARR 36
Macro expander	functions	MAC 26
Macrocoded	functions	FUNC 10
Macros expanded to Lisp	functions	MAC 3
Microcoded	functions	FUNC 10
Microcoded Lisp	functions	INT 44
Missing	Functions	3600 27
named-lambda	functions	FUNC 9, 11
named-subset	functions	FUNC 11
named-subst	functions	FUNC 9
Names of	functions	FUNC 1
Names of structure accessor	functions	DEFS 7
Operations the User Can Perform on	Functions	FUNC 7
Other Kinds of	Functions	FUNC 11
Other Process	Functions	PROC 23
Output	Functions	PRIM 115
Pathname	Functions	FILE 23
Proceedable condition	functions	COND 41
Purpose of	functions	MAC 1
Radians in trigonometric	functions	PRIM 74, 75
Redefining	functions	RN 147, FUNC 17
Restart handler	functions	COND 34
Select-method	functions	FUNC 11
Server	functions	NETIO 86
Signalling	functions	COND 4, 25
Slashification-related output	functions	PRIM 117
Some Utility	Functions	MISCU 1
Special	functions	FUNC 7
Stack Group	Functions	INT 5
subst	functions	FUNC 9, MAC 11
Substitutable	Functions	MAC 11
Symbols used as	functions	FUNC 1
Synchronization	Functions	INT 58
Syntax errors in read	functions	RN 23

- Transcendental Functions PRIM 74
- Trigonometric functions PRIM 74, 75
- Update functions MAC 35
- Utility Functions MISCF 5
- Zmacs support functions ZMACS 98
- Some Functions and Special Forms EVAL 17
- Area Functions and Variables STOR 2
- Software Installation Functions and Variables SIG 27
- Top level functions and variables LMS 20
- Functions and Variables at Lisp Top Level LMS 20
- Functions for Accessing Directories STR 79
- Functions for Altering User Option Variables MENUS 67
- Server functions for datagram protocols PROT 82
- Functions for Defining User Option Variables MENUS 66
- Functions for identifying callers MISCF 1
- Functions moved from the **si** package to **global**:
 - deallocate-whole-resource**,
 - map-resource** RN 13
- Storing functions on property lists FUNC 1
- Functions That Operate on Locatives PRIM 85
- Functions that return multiple values EVAL 25
- Functions to Expand Macros MAC 33
- Applying Functions to Files ZMACS 141
- Applying functions to list items FLOW 31
- Debugger functions to return values in current stack frame DEBUG 13
- Functions Used During Expansion MAC 26
- Functions used inside the Debugger DEBUG 13
- Package Functions, Special Forms, and Variables PKG 31
- compiler:** **functions-defined** variable COMP 15
- compiler:** **functions-referenced** variable COMP 15
- New functions: **byte**, **byte-size**, **byte-position** RN 50
- Functions: Evaluation EVAL 11
- Functions: Functions FUNC 1
- Functions: Network Database PROT 27
- New functions: **si:make-process-queue**, **si:process-enqueue**, **si:process-dequeue**, **si:process-queue-locker**, **si:reset-process-queue** RN 71
- New functions: **sys:single-float-p**, **sys:double-float-p** RN 49
- Previously undocumented functions: **tv:add-to-system-menu-programs-column**,
 - tv:add-to-system-menu-create-menu** RN 103
- Fundamental Conditions COND 51
- Fundamental mode ZMACS 18, 144
- Find File In Fundamental Mode (m-X) Zmacs command ZMACS 110
- Fundamental Techniques ZMAILC 7
- fundefine** function FUNC 21
- Service future PROT 40
- Service Futures PROT 40
- FWD Forward a request for connection packet NETIO 53

G

G

G

- c-X G (Open Get Register) TOOLS 58
- G Font Editor command FED 30
- G Zmail command ZMAILT 11, 47
- G) TOOLS 58
- g-l-p** function ARR 4, 15
- Gamma PRIM 103
- Garbage collect entire Lisp environment STOR 8
- Controlling garbage collection STOR 9
- Incremental garbage collection STOR 12

- Nonincremental garbage collection STOR 9
- Controlling When Garbage Collection Happens STOR 9
- Garbage collection in static areas STOR 1
- Garbage collection meters INT 30
- Garbage Collector 3600 32, STOR 13, 17, INT 9
- Await scavenge state of the garbage collector STOR 9
- Flipping garbage collector STOR 9, 13
- Hash Tables and the Garbage Collector PRIM 47
- Interim Changes: the Garbage Collector STOR 7
- Output messages from the garbage collector STOR 9
- Strategy for Unattended Operation with the Garbage Collector STOR 13
- The Garbage Collector STOR 7
- Using the Garbage Collector STOR 12
- Working set size for the garbage collector STOR 9
- Garbage Collector Improvements STOR 9
- Garbage collector run bar INT 29
- Printing garbage collector statistics STOR 9
- Garbage collector warnings STOR 9
- Arpanet Gateway NETIO 66
- Protocol-translating gateway NETIO 68
- Gateway host PROT 35
- Gateway server NETIO 66
- gateway-pseudonet** network type PROT 12
- :gateway-pseudonet** network type PROT 42
- Gateways NETIO 46, PROT 35
- :gc** option for **make-area** 3600 29, STOR 2, 5
- si: gc-area-reclaim-report** variable STOR 10
- si: gc-flip-inhibit-time-until-warning** variable STOR 12
- si: gc-flip-minimum-ratio** variable STOR 11
- si: gc-flip-ratio** variable STOR 10
- sys: %gc-flip-ready** variable INT 28
- sys: %gc-generation-number** variable INT 28
- New optional argument to **gc-immediately** RN 98
- gc-immediately** function RN 98, 3600 32, STOR 9, 12, 13
- gc-off** function STOR 7
- New variable: **gc-on** RN 73
- gc-on** function STOR 7
- gc-on** variable RN 73, STOR 7
- Known problem with **si: gc-reclaim-immediately** RN 148
- si: gc-reclaim-immediately** variable RN 148, STOR 11
- si: gc-reclaim-immediately-if-necessary** variable STOR 11
- si: gc-report-stream** variable STOR 10
- gc-status** function STOR 9
- gc-table-area** variable 3600 29
- si: gc-warning-ratio** variable STOR 10
- si: gc-warning-threshold** variable STOR 10
- gcd** function PRIM 72
- GDSTS NETIO 81
- General Arguments PROT 81
- General help facilities LMS 22
- Zmacs general help facilities LMS 22
- Introduction: General Information: Front-end Processor NETIO 1
- General Information: Front-end Processor NETIO 1
- General Information: Subprimitives: Software Changes 3600 19
- The "General List" Form of Item MENUS 10
- tv:momentary-menu** Example 3: Centered Label and Use of General List Items MENUS 24
- General Purpose I/O Port NETIO 109
- General Purpose Stream Operations STR 9
- Generalized Variables MAC 35
- Decrementing generalized variables MAC 37
- Incrementing generalized variables MAC 37
- Locating generalized variables MAC 35
- Updating generalized variables MAC 35
- :generate-xon-xoff** serial I/O parameter NETIO 27

- Dired Set Generation Retention Count ZMACS 139
- Generator FUNC 33
- Seed for random number generator PRIM 80
- Generator coroutines INT 7
- Generic byte streams PROT 42
- Generic datagrams PROT 42
- Lisp Machine generic hardcopy system HARD 1
- The Lisp Machine Generic Network System PROT 35
- Generic Operations FLAV 9, TOOLS 104
- Generic Operations in Lisp FLAV 11
- Device generic pathname component FILE 15
- Directory generic pathname component FILE 15
- Host generic pathname component FILE 15
- Type generic pathname component FILE 15
- Version generic pathname component FILE 15
- Generic pathname operations PROT 53
- Generic Pathnames FILE 15
- Generic protocols PROT 42
- :generic-pathname** message to pathnames FILE 15
- :generic-pathname** method of **fs:pathname** FILE 37
- gensym** function PRIM 59, MAC 15
- Manipulating column geometry MENUS 15
- Geometry Example 1: A Multicolumned Menu MENUS 15
- Geometry Example 2: Retrieving Geometry Information MENUS 16
- Geometry Example 2: Retrieving Geometry Information MENUS 16
- :geometry** init option for **tv:menu** MENUS 14, 98
- Geometry Init-plist Options MENUS 13
- :geometry** message **tv:menu** MENUS 14
- Geometry Messages MENUS 14
- The Geometry of a Menu MENUS 13
- :german** day-of-the-week-representation MISCUI 7, 8
- GET RN 109
- Get Common Property Lists process RN 143
- get** function PRIM 40, FLAV 3, 65
- Get I/O buffer MENUS 31
- [Get inbox] Zmail menu item ZMAILT 11, 17, ZMAILC 4
- :get** message PROT 29, INT 74
- :get** method of **fs:pathname** FILE 38
- :get** method of **si:property-list-mixin** FLAV 65
- :get** method of **si:serial-stream** NETIO 26
- Open Get Register ZMACS 78
- Open Get Register (c-X G) TOOLS 58
- c-X G (Open Get Register) TOOLS 58
- Get value of attribute PROT 29
- net:** **get-connection-for-service** function PROT 49
- get-error-mode** function 3600 27
- dbg:** **get-frame-function-and-args** function COND 17
- get-handler-for** function FLAV 32, TOOLS 133
- :get-handler-for** message FLAV 47
- :get-hash** message PRIM 45
- get-list-pointer-into-array** function 3600 27, ARR 15
- get-locative-pointer-into-array** function 3600 27, ARR 15
- chaos:** **get-next-pkt** function NETIO 90
- :get-pane** method of **tv:basic-constraint-frame** WINDOC 99
- chaos:** **get-pkt** function NETIO 89
- get-pname** function PRIM 57
- si:** **get-release-version** function MAINT 30
- si:** **get-site-option** function PROT 28
- neti:** **get-sub-packet** function PROT 66
- si:** **get-system-version** function MAINT 29, SIG 37
- time:** **get-time** function MISCUI 2
- time:** **get-universal-time** function MISCUI 2

- getchar** function ARR 36
 - getcharn** function ARR 36
 - gethash** function PRIM 46
 - gethash-equal** function PRIM 46
 - getl** function PRIM 41
 - :getl** method of **fs:pathname** FILE 38
 - :getl** method of **si:property-list-mixin** FLAV 65
 - :gettable-instance-variables** option for
 - defflavor** FLAV 13, 35, 57, COND 7
 - :gettable-instance-variables** option to
 - defflavor** TOOLS 105
 - Getting a Window to Use WINDOC 21
 - Getting and Setting the Time MISCUI 2
 - Getting Help LMS 7, ZMACS 31
 - Getting Help in Zmacs ZMACS 12
 - Getting Information About an Array ARR 11
 - Getting new mail ZMAILT 11
 - Getting Out of Trouble ZMACS 32
 - Getting Started ZMACS 9
 - Getting Started LMS 34
 - Getting Started and Logging Out LMS 4
 - Getting Things Into Gray FED 15
 - Getting to the FEP LMS 34
- New Information on
 - given column STR 25
- Space over to a
 - Giving the Go-ahead TAPE 17
- Symbols in
 - global** and **keyword** packages with the same names RN 7
 - Global history RN 125
 - Global kill history RN 22
 - global kill history INED 7
 - global line attribute SCROLL 11
 - global line attribute SCROLL 9
 - global line attribute SCROLL 9
 - Global line attributes SCROLL 5
 - global** package RN 1, 6, 3600 27, PKG 5, 49
 - global** package RN 9
 - global** Package PKG 5
 - global** package symbols RN 9
 - Global search and replace ZMACS 94
 - global section RN 109
 - Global symbols PKG 5
 - global variable ZMACS 128
 - global variable ZMACS 128
 - Global variables EVAL 3, INT 1
 - Global-name PROT 2, 26
 - global-name** primitive type PROT 30
 - global-name to **spooled-printer** HARD 3
 - global-name to **spooled-printer** HARD 3
 - global-name to **spooled-printer** HARD 3
 - global-name to **spooled-printer** HARD 3
 - global: deallocate-whole-resource, map-resource** RN 13
 - globalize** function PKG 46
 - Globally named objects PROT 3
 - Gmsgs service ZMAILC 35
 - go** special form FLOW 13, 15
 - Go-ahead TAPE 17
 - Goal Column ZMACS 57
 - goto RN 21, STR 29
 - Goto Beginning ZMACS 24, 60
 - Goto End ZMACS 24, 60
 - Goto-less programming FLOW 20
 - Grabbing the mouse WINDOC 67, WINDEX 56
 - Granularity TAPE 1
- Mouse as a
 - graphic input device FED 5
 - Graphic Lisp WINDEX 73
 - Graphic Lisp WINDEX 74
 - Graphic Lisp WINDEX 79
- Introduction:
 - Graphic Lisp WINDEX 79
- Source Code:
 - Graphic Lisp WINDEX 79
- ibase**
 - zwei:*set-attribute-update-list***
- file-name**
 - home-directory**
 - protocol**
 - spool-via**
- Functions moved from the **si** package to

- Graphic pane WINDEX 75
 - graphic representations WINDEX 74
 - Graphical objects and text intermingled MENUS 81
 - Graphics WINDOC 19
 - Graphics WINDOC 33
 - Graphics characters STR 3
 - Graphics coordinates WINDOC 33
 - Graphics messages WINDOC 33
 - Graphics performance 3600 1
 - graphics-mixin** RN 99, WINDOC 39
 - graphics-mixin** WINDOC 39
 - graphics-mixin** WINDOC 38
 - graphics-mixin** WINDOC 39
 - graphics-mixin** WINDOC 38
 - graphics-mixin** WINDOC 36
 - graphics-mixin** RN 99, WINDOC 39
 - graphics-mixin** WINDOC 39
 - graphics-mixin** TOOLS 14, 108
 - graphics-mixin** WINDOC 36
 - graphics-mixin** WINDOC 36
 - graphics-mixin** WINDOC 35
 - graphics-mixin** WINDOC 39
 - graphics-mixin** WINDOC 37
 - graphics-mixin** WINDOC 38
 - graphics-mixin** WINDOC 38
 - graphics-mixin** WINDOC 35
 - graphics-mixin** flavor TOOLS 108, TOOLS 108, WINDOC 33
 - graphics-mixin** methods TOOLS
 - Gray FED 15
 - [Gray Char] Font Editor menu item FED 15, 21, 30
 - Gray plane FED 5, 15
 - gray plane FED 15, 30
 - Gray Plane FED 16
 - gray plane FED 15, 30
 - Gray Plane FED 15
 - Gray Plane Menu Items FED 30
 - [Gray] Font Editor menu item FED 16, 30
 - [Clear Gray] Font Editor menu item FED 15, 30
 - [Move Gray] Font Editor menu item FED 15, 30
 - [Swap Gray] Font Editor menu item FED 15, 30
 - greaterp** function PRIM 65
 - Greatest common denominator PRIM 72, 73
 - Greatest common divisor PRIM 72
 - GREEK key 3600 3
 - Greeting message INT 29
 - [Grid Size] Font Editor menu item FED 26, 29
 - grind-top-level** function STR 42
 - grindef** function FUNC 7
 - grindef** special form STR 42
 - Grinding STR 42
 - group INT 27
 - group INT 1
 - group WINDOC 93
 - group INT 27
 - group INT 1
 - group INT 1
 - group INT 27
 - group bindings INT 1
 - Group Functions INT 5
 - Group of Messages ZMAILC 30
 - group state INT 4
 - group state INT 4
 - group state INT 4
 - group state INT 4
 - group state INT 4
 - group state INT 4
 - group state INT 4
 - group state INT 4
- Manipulating
- Drawing
- :draw-circle** method of tv:
 - :draw-circular-arc** method of tv:
 - :draw-closed-curve** method of tv:
 - :draw-cubic-spline** method of tv:
 - :draw-curve** method of tv:
 - :draw-dashed-line** method of tv:
 - :draw-filled-in-circle** method of tv:
 - :draw-filled-in-sector** method of tv:
 - :draw-line** method for tv:
 - :draw-line** method of tv:
 - :draw-lines** method of tv:
 - :draw-point** method of tv:
 - :draw-regular-polygon** method of tv:
 - :draw-string** method of tv:
 - :draw-triangle** method of tv:
 - :draw-wide-curve** method of tv:
 - :point** method of tv:
 - tv:
- Getting Things Into
- Clear
- Constructive Use of the Move drawing in the The
- [Add in
 - [Clear
 - [Move
 - [Swap
- Argument list of currently running stack
- Current stack
- Description
- Number of arguments to the currently running stack
- Presetting the stack
- Running stack
- sg-state** of currently running stack
- Stack
- Stack
- Operating on a
- sys:sg-state-active** stack
 - sys:sg-state-awaiting-error-recovery** stack
 - sys:sg-state-awaiting-initial-call** stack
 - sys:sg-state-awaiting-return** stack
 - sys:sg-state-exhausted** stack
 - sys:sg-state-invoke-call-on-return** stack
 - sys:sg-state-resumable** stack

Stack group state error COND 56
Stack group states 3600 29, INT 4
Stack group switch INT 1
Stack group switches STOR 6
Grouped Arrays DEFS 21
:**grouped-array** symbol in **:type** option to
 defstruct DEFS 7
Grouping related disk transfers INT 62
Groups INT 7
Groups INT 6
Groups INT 2
Groups 3600 29, ARR 4
groups INT 2
Groups: Internals INT 1
:**grow** message INT 71
Grow Window ZMACS 117
Imfs: **grow-file-partition** function SIG 44
Growing FED 21
:**growth-factor** init option for **si:eq-hash-table** PRIM
 43
GTJFN NETIO 80
Introduction: Software Installation Guide SIG 1

H

H

H

c-X H (Mark Whole) TOOLS 59
FUNCTION H command NETIO 92
H Dired command ZMACS 138
H Font Editor command FED 25, 29
H hostat command NETIO 77
H Peek command MISCUI 3
c-X H Zmacs command ZMACS 81
Mark Whole (c-X H) TOOLS 59
h-B Zmail command ZMAILT 47
h-c-*upper-left* command RN 133, 140, NETIO 5
h-c-*upper-left* stops execution of Lisp RN 133
h-c-*upper-left* waits for Lisp to stop itself RN 140
h-F Zmail command ZMAILT 47
h-K Zmail command ZMAILT 47
h-RUBOUT Zmail command ZMAILT 47
h-T Zmail command ZMAILT 47
:**hack-fonts** option for
 zwei:open-editor-stream MISCUI 20
:**hack-fonts** option for
 zwei:with-editor-stream MISCUI 20
haipart function PRIM 78
hairy symbol FUNC 16, 22
half of this connection NETIO 77
half of this connection NETIO 77
:**half-period** init option for **tv:blinker** WINDOC 66
:**half-period** method of **tv:blinker** WINDOC 66
Half-period of a blinker WINDOC 63
Half-size fixnums as array elements ARR 4
Halt LMS 34
%halt RN 133
Halt command NETIO 7
halt function RN 133, LMS 34, NETIO 3
%halt function RN 133, 3600 23, INT 17
Halt Operations NETIO 3
halt replaces **sys:%halt** RN 133
Halt the FEP RN 137
Halting LMS 9
Halting the FEP NETIO 7
Hand keys 3600 3
hand-down PRIM 103
hand-left PRIM 103
hand-right PRIM 103

si: R WIN window size for incoming
WIN T window size for outgoing

Preferred Way to Warm Boot or
si:halt replaces **sys:**

si:
sys: Summary of Boot and

si: Unplugging Lemo Cables Should Not

- QFILE file
- 3600 select-methods
- Cleanup
- Default mouse
- Example of a
- Finding a
- Interactive command
- Rubout
- Restart
- Interactive
- Incompatible Changes to the Input Editor (Rubout
- Handler COND 1
 - handler FLOW 25
 - handler WINDEX 16
 - Handler COND 3
 - Handler COND 23
 - handler WINDEX 7
 - handler RN 1, 22
 - handler functions COND 34
 - handler object COND 31
 - Handler) RN 21
 - New Features Associated with the Input Editor (Rubout Handler) RN 57
 - Handler-list searching functions COND 30
 - Handler? COND 9
 - handlers COND 9
 - handlers COND 3
 - handlers RN 97, COND 10, 23, 24
 - Handlers COND 9
 - handlers RN 97, COND 23, 24
 - Handlers COND 9
 - handlers COND 23, 31
 - handlers COND 40
 - Handlers COND 10
 - Handlers COND 34
 - handlers COND 23, 33, TOOLS 76
 - handlers COND 23, 29
 - Handlers and Complex Modularity COND 29
 - Handlers and Complex Modularity COND 30
 - Handlers Eliminated RN 97
 - Handlers Examining the Stack COND 16
 - Handlers Examining the Stack COND 17
 - Handlers Manually COND 36
 - Handling COND 1
 - Handling NETIO 13
 - Handling INT 62
 - handling STR 3
 - handling WINDEX 7
 - Handling Commands NETIO 13
 - Handling Conditions COND 1
 - Handling Files LMS 17
 - Handling Messages to Flavor Objects FLAV 27
 - hang mode NETIO 73
 - :hang-p keyword for block disk stream messages INT 79
 - Happens STOR 9
 - happens when you cold boot RN 143
 - Hardcopy RN 113
 - Hardcopy Buffer (m-X) Zmacs command ZMACS 108, HARD 1
 - Hardcopy commands HARD 1
 - Hardcopy Commands LMS 38
 - hardcopy device HARD 1
 - Hardcopy device selection HARD 1
 - Hardcopy Facilities HARD 7
 - hardcopy facilities HARD 1
 - Hardcopy File ZMACS 140
 - Hardcopy File (m-X) Zmacs command ZMACS 120,

- HARD 1
- Hardcopy files with multiple fonts HARD 9
 - Hardcopy Functions HARD 9
 - Hardcopy Region (m-X) Zmacs command HARD 1
 - hardcopy** Service PROT 54
 - Show Hardcopy Status (m-X) replaces
 - chaos:print-igp-queue** RN 115
 - Show Hardcopy Status (m-X) Zmacs command HARD 1
 - Show Hardcopy Status (m-X) Zwei command RN 115
 - Introduction: Hardcopy System HARD 1
 - Lisp Machine generic hardcopy system HARD 1
 - :default-font keyword to si: ***hardcopy-default-fonts*** HARD 7
 - :header-font keyword to si: ***hardcopy-default-fonts*** HARD 7
 - si: ***hardcopy-default-fonts*** HARD 7
 - hardcopy-device-status** Service PROT 55
 - :hardcopy-devices HARD 7
 - :hardcopy-devices option in the site file HARD 1, 7
 - si: **hardcopy-from-stream** function HARD 10
 - hardcopy-status** Service PROT 56
 - si: **hardcopy-text-file** function HARD 9
 - Hardcopying ZMAILC 20
 - Hardcopying messages ZMAILC 7, 20
 - [Hardcopy] File System Editor menu item FSED 1
 - [filename / Hardcopy] File System Editor menu item HARD 1
 - [Hardcopy] System menu item HARD 1
 - [Hardcopy] Zmail menu item ZMAILC 20
 - [Move / Hardcopy] Zmail menu item HARD 1
 - Serial I/O Hardware Changes 3600 3
 - Hardware Description NETIO 23
 - Hardware Description: 3600 Serial I/O NETIO 23
 - Hardware Programming Information NETIO 70
 - Hardware Protocol NETIO 34
 - Hardware Protocols NETIO 37
 - Hardware resetting NETIO 7
 - Tape hardware resetting NETIO 7
 - Hardware/microcode debugger SITE 31
 - Inspecting hash arrays of **eq** hash tables not permitted RN 145
 - Hash Primitive PRIM 47
 - Hash table PRIM 48
 - Hash table considerations while using
 - multiprocessing PRIM 42
 - Hash table facilities PRIM 32
 - Hash Table Functions PRIM 46
 - Hash table keys PRIM 42
 - Objects as hash table keys PRIM 42
 - Trees as hash table keys PRIM 42
 - Hash Table Messages PRIM 45
 - Hash Tables PRIM 42
 - Hash Tables PRIM 43
 - Creating Hash Tables FLOW 54
 - Loop Iteration Over hash tables FLOW 54
 - Loop iteration path over Hash Tables and the Garbage Collector PRIM 47
 - Inspecting hash arrays of **eq** hash tables not permitted RN 145
 - Dumping Hash Tables to Files PRIM 47
 - Hash Tables: Differences Between the LM-2 and
 - 3600 3600 31
 - :hash-inherited-symbols option for
 - defpackage** PKG 33
 - :hash-inherited-symbols option for
 - make-package** PKG 35
 - Hasharray facility of Interlisp PRIM 42
 - Hashing PRIM 47
 - Hashing on **eq** PRIM 47
 - Hashing on **equal** PRIM 47
 - haulong** function PRIM 78
 - have package prefixes RN 92
 - Hdlc Serial I/O RN 133
 - Hdlc Serial I/O on the 3600 RN 110, NETIO 31
 - format** \ directives can FEP Supports

Acknowledgement packet header field NETIO 44, 50, 56
 Count packet header field NETIO 44
 Destination Address packet header field NETIO 44
 Destination Index packet header field NETIO 44
 Opcode pkt header field NETIO 89
 Operation packet header field NETIO 44
 Packet Number packet header field NETIO 44
 Source Address packet header field NETIO 44
 Source Index packet header field NETIO 44
 Header fields ZMAILC 33
 Header Fields ZMAILT 41
 Packet header fields NETIO 44
 Pruning header fields ZMAILC 19
 Redistributed- header fields RN 130
 Resent- header fields RN 130
 Header fields in Zmail messages ZMAILC 3
 Header Files NETIO 97
 Header filters ZMAILC 8
 ITS header format ZMAILT 37
 Network header format ZMAILT 37
 RFC733 header format ZMAILT 37
 Header Formats ZMAILT 37
 Array header information ARR 4
 :**header-font** keyword to
 si:*hardcopy-default-fonts* HARD 7
 header-font printer attribute HARD 5
 header-font: printer object attribute PROT 15
 headers ZMAILT 47
 Headers Editor menu item ZMAILT 41
 [Add Cc Field] Headers Editor menu item ZMAILT 41
 [Add Fcc Field] Headers Editor menu item ZMAILT 41
 [Add From Field] Headers Editor menu item ZMAILT 41
 [Add In Reply To Field] Headers Editor menu item ZMAILT 41
 [Add Subject Field] Headers Editor menu item ZMAILT 41
 [Add To Field] Headers Editor menu item ZMAILT 41
 [Change Subject Pronouns] Headers Editor menu item ZMAILT 41
 Headers window ZMAILT 13
 [Prune Yanked Headers] Editor menu item ZMAILT 47
 Date Zmail display column heading ZMAILT 3
 From To Zmail display column heading ZMAILT 3
 Lines Zmail display column heading ZMAILT 3
 No. Zmail display column heading ZMAILT 3
 Subject or Text Zmail display column heading ZMAILT 3
 Blinker height WINDOC 58
 Character height WINDOC 58, 61, 62, FED 5, 13
 Line height WINDOC 23, 58, 77
 Raster height WINDOC 59, 62
 :**height** init option for **tv:ibeam-blinker** WINDOC 67
 :**height** init option for **tv:menu** MENUS 98
 :**height** init option for **tv:sheet** WINDOC 78
 HELP LMS 41, TOOLS 7, 8, 59, 88
 help PRIM 103
 HELP ZMACS 34, ZMACS 13
 Automatic drawing help FED 19
 Dired Help ZMACS 135
 Getting Help LMS 7, ZMACS 31
 Online Help ZMAILT 23
 Response Help ZMACS 41
 HELP ? Zmacs command ZMACS 12
 HELP A Zmacs command ZMACS 12, 35
 Help and Recovering From Stuck States ZMAILT 23
 HELP C Zmacs command ZMACS 12, 34
 HELP completion command ZMACS 13
 HELP D Zmacs command ZMACS 12, 35
 HELP Debugger command DEBUG 9, 15
 HELP Dired command ZMACS 135
 Help facilities LMS 7
 Debugger help facilities LMS 26
 Editing help facilities LMS 22

Symbolics, Inc. March 1984

- General
 - help facilities LMS 22
- Mail
 - help facilities LMS 28
- Zmacs
 - help facilities LMS 22
- Zmacs general
 - help facilities LMS 22
- Zmail
 - help facilities LMS 28
 - HELP Font Editor command FED 30
 - HELP FSPT Editor command FILE 68
- Getting
 - Help in Zmacs ZMACS 12
 - HELP key ZMAILT 23, NETIO 1
 - HELP key LMS 7, ZMACS 12, 34
 - HELP key in the Debugger 26 LMS
 - HELP key in the FEP 7 LMS
- Using the
 - HELP key with completion ZMACS 44
 - HELP L Zmacs command ZMACS 12, 36
 - Help reference material LMS 7
 - HELP SPACE Zmacs command ZMACS 12
 - HELP U Zmacs command ZMACS 12, 36
 - HELP V Zmacs command ZMACS 12, 36, 193
 - HELP W Zmacs command ZMACS 12
 - :help-function** option for **fquery** MISCUI 10
 - [HELP] File System Maintenance menu item SITE 1
 - [HELP] Font Editor menu item FED 30
 - Herald SIG 42
- [Print
 - Herald] File System Maintenance menu item SITE 1
- Hexadecimal PRIM 99
- Logical Pathnames Now
 - Hierarchical RN 35
- Condition
 - hierarchies COND 8
- Condition flavor
 - hierarchy COND 4
 - Hierarchy of Windows WINDOC 3
- Examples of
 - High Disk Performance INT 78
 - Higher-level Protocols NETIO 61
 - :highlighted-items** init option for
 - tv:menu-highlighting-mixin** MENUS 42
 - :highlighted-items** message
 - tv:menu-highlighting-mixin** MENUS 42
 - :highlighted-values** message
 - tv:menu-highlighting-mixin** MENUS 43
- Release 5.0: Introduction and
 - Keyword
 - hints ZMAILC 31
 - Mail collection
 - hints ZMAILC 31
 - Mail file
 - hints ZMAILC 31
 - Hints for Using Keywords, Mail Collections, and Mail Files ZMAILC 31
 - Hints on Using the FEP NETIO 1
 - Hints to Macro Writers MAC 15
 - Types of
 - Histories INED 5
 - Buffer
 - history INED 5, ZMACS 104
 - Command
 - history INED 5, 13, ZMACS 33
 - Current
 - history INED 1
 - Definition
 - history INED 5
 - Display current
 - history INED 7, 9
 - Global
 - history RN 125
 - Global kill
 - history RN 22
 - Input
 - history RN 22, INED 5
 - Input Editor kill
 - history INED 15
 - Kill
 - history INED 3, 5, ZMACS 33, 65
 - Pathname
 - history INED 5
 - Replace
 - history INED 5
 - The Command
 - History INED 13
 - Yank from global kill
 - history INED 7
 - Yanking in the command
 - history ZMACS 14
 - Yanking in the kill
 - history ZMACS 13
 - Zwei kill
 - history INED 15
- Using the mouse with displayed
 - history elements INED 3
 - History length INED 3, 17
 - History list INED 1, ZMACS 13
 - history pane WINDEX 75
- Inspect
 - history pane MISCT 1
- Inspector

- The Inspector
zwei: ***history-menu-length*** variable INED 17
zwei: ***history-rotate-if-numeric-arg*** variable INED 3, 9, 17
zwei: ***history-yank-wraparound*** variable INED 17
fonts: **h110** font WINDOC 54
fonts: **h110b** font WINDOC 54
fonts: **h112i** font WINDOC 54
- Dired Next
Output hold flag WINDOC 9, 23, 33
Output Hold process state ZMAILT 24
Output Hold state WINDOC 9
hold-output PRIM 103
HOLD-OUTPUT key 3600 3
- tv:** **hollow-rectangular-blinker** flavor WINDOC 66, WINDEX 18
Home directory RN 34, FILE 29
Home package PKG 40
Home Package of a Symbol PKG 7, 40
home-address: user object attribute PROT 11
:home-cursor method of **tv:sheet** WINDOC 27
home-directory global-name to **spooled-printer** HARD 3
:home-down method of **tv:sheet** WINDOC 27
home-host: user object attribute PROT 10
home-phone: user object attribute PROT 11
homedir function FILE 55
Homedir] File System Maintenance menu item FSED 1, SITE 1
Hook arguments RN 73, DEBUG 34
horizontal scrolling FED 25
horizontal scrolling FED 25
Horizontal Space ZMACS 26
:horizontal stacking description WINDOC 93
Horizontal wraparound WINDOC 23
horseshoe (⌘) character in ITS pathnames FILE 48
:host PROT 18
host PROT 30
host RN 37, FILE 51
host RN 38
host INT 69
host PROT 35
host PROT 7
host PROT 8
host CONV 4, NETIO 85
host PROT 8
host FILE 49
host TAPE 11
host addresses NETIO 43
Host attributes PROT 5
Host Colon Change for Babyl Files RN 129
Host computer crash ZMAILC 4
Host Determination in Pathnames FILE 3
Host Determination in Pathnames RN 30
Host dump parameter SITE 5
Host File Systems Supported FILE 40
Host generic pathname component FILE 15
:host method of **fs:pathname** FILE 32
- Symbolic
Foreign
address: host object attribute PROT 7
bitmap-printer host object attribute HARD 3
bitmap-printer: host object attribute PROT 7
file-control-lifetime: host object attribute PROT 9
finger-location: host object attribute PROT 7
location: host object attribute PROT 7
- Maclisp status
[Tree edit
- Using the CONTROL key in
Using the META key in
Delete
- Right
- Class definition record for
Create new logical
Creating logical
FEP
Gateway
Physical location of
Protocols supported by
Sending message to specified
Services supported by
SYS logical
Tape server
Numeric
- Ramifications of
- Changes to
Tape

machine-type: host object attribute PROT 6
name: host object attribute PROT 5
nickname: host object attribute PROT 5
peripheral: host object attribute PROT 9
pretty-name: host object attribute PROT 7
print-spooler-options host object attribute HARD 3
print-spooler-options: host object attribute PROT 8
printer host object attribute HARD 3
printer: host object attribute PROT 7
server-machine: host object attribute PROT 8
service: host object attribute PROT 8
short-name: host object attribute PROT 6
site: host object attribute PROT 5
spooled-printer host object attribute HARD 3
spooled-printer: host object attribute PROT 8
system-type: host object attribute PROT 6
Host Object Attributes Relating to Printers HARD 3
Host Objects PROT 5
:host option for **net:define-server** PROT 50
:host option for **prompt-and-read** RN 85, MISCUI 13
:host option for server PROT 81
:host option to **tape:make-stream** TAPE 1
Logging host output to file RN 114
host printer attribute HARD 5
Print host status NETIO 91
Host status report NETIO 92
Host system ZMAILC 33
Host Table NETIO 66
ITS host table NETIO 46
ITS/TOPS-20/WAITS standard multi-network host table NETIO 83
:host variable type MENUS 59
File Host [Reload/Retrieve] parameter SITE 10
Tape Host [Reload/Retrieve] parameter SITE 10
Host's address NETIO 46
chaos: **host-data** function NETIO 91
host-for-bug-reports: site object attribute PROT 16
Host-independent file name FILE 17
:host-list option for **prompt-and-read** RN 85, MISCUI 13
:host-list variable type MENUS 59
:host-name message to tape streams TAPE 4
fs: **host-not-available** flavor COND 66
sys: **host-not-responding** flavor COND 74
sys: **host-not-responding-during-connection** flavor COND 74
host-protocol-desirability: site object attribute PROT 16
sys: **host-stopped-responding** flavor COND 74
chaos: **host-up** function NETIO 85
host: printer object attribute PROT 14
Display status of hostat MISCUI 3
H hostat command NETIO 77
ITS Hostat command NETIO 61
Hostat function NETIO 61
hostat function MISCUI 6, NETIO 91, 92
Hosts PROT 3, 35
Hosts PROT 42
Hosts RN 119
Hosts FILE 49
hosts in namespace PROT 25
hosts to physical hosts FILE 49
Hosts, New Printers, New Users SIG 21
HOSTS.TEXT file PROT 26
SYSTEM: HOSTS2.BIN file NETIO 83
Hour MISCUI 1
How Programs Examine Functions FUNC 22
How Programs Manipulate Definitions FUNC 16

How the Input Editor Works STR 45
 How to Choose Process Priority Levels PROC 26
 How to Interpret Directory Listings FSED 5
 How to Invoke the Compiler COMP 3
 How to Read Assembly Language (LM-2) INT 37
 How to Read Assembly Language (LM-2) INT 37
 How to Specify Zmacs Variable Settings ZMACS 193
 Introduction:
 How to Use **defstruct** DEFS 5
 How to Use the Debugger DEBUG 5
 How to use the **sys:function-parent** declaration RN 145
hyper bit STR 3
 HYPER key RN 102, WINDOC 41
:hysteresis init option for
 tv:hysteretic-window-mixin WINDOC 73
:hysteresis method of
 tv:hysteretic-window-mixin WINDOC 73
:hysteresis init option for **tv:**
 :hysteresis method of **tv:**
:set-hysteresis method of **tv:**
 tv:
hysteretic-window-mixin WINDOC 73
hysteretic-window-mixin WINDOC 73
hysteretic-window-mixin WINDOC 73
hysteretic-window-mixin flavor WINDOC 73

Fast Where Am	I ZMACS 37
SELECT	I TOOLS 99
SELECT	I ZMACS 30
Where Am	I ZMACS 37
	I connection flag NETIO 77
	I FSPT Editor command FILE 68
Buffered serial	I/O NETIO 25
FEP Supports Hdlc Serial	I/O RN 133
Hardware Description: 3600 Serial	I/O NETIO 23
Introduction: LM-2 UNIBUS	I/O NETIO 105
LM-2 UNIBUS	I/O NETIO 105
Parameters: 3600 Serial	I/O NETIO 27
Tape	I/O 3600 11
The Serial I/O Stream: 3600 Serial	I/O NETIO 25
Get	I/O buffer MENUS 31
:choice-box	I/O buffer command MENUS 72
:variable-choice	I/O buffer command MENUS 72
	I/O buffer commands MENUS 72
:raw	I/O buffer property WINDOC 41
	I/O buffer property list WINDOC 41
	I/O buffers WINDOC 19, 41, 67, 88, MENUS 72, 75
Sharing	I/O buffers WINDOC 88
	I/O Buffers for Choose Variable Values
	Windows MENUS 72
ITS	I/O Channels NETIO 73
Opening	I/O Channels NETIO 73
	I/O Device Subprimitives INT 16
3600 Serial	I/O Facility NETIO 23
Serial	I/O format of transmitted characters
	parameters NETIO 27
	I/O from editor buffers MISCUI 19
Serial	I/O Hardware Description NETIO 23
Quad-high	I/O interface boards NETIO 106
Hdlc Serial	I/O on the 3600 RN 110, NETIO 31
:ascii-characters serial	I/O parameter NETIO 27
:baud serial	I/O parameter NETIO 27
:carrier-detect serial	I/O parameter NETIO 27
:check-framing-errors serial	I/O parameter NETIO 27
:check-over-run-errors serial	I/O parameter NETIO 27
:check-parity-errors serial	I/O parameter NETIO 27
:clear-to-send serial	I/O parameter NETIO 27
:data-terminal-ready serial	I/O parameter NETIO 27

- :flavor** serial I/O parameter NETIO 27
- :force-output** serial I/O parameter NETIO 27
- :generate-xon-xoff** serial I/O parameter NETIO 27
- :input-error-character** serial I/O parameter RN 109, NETIO 27
- :input-xoff-character** serial I/O parameter RN 109, NETIO 27
- :input-xon-character** serial I/O parameter RN 109, NETIO 27
- :mode** serial I/O parameter NETIO 27
- :number-of-data-bits** serial I/O parameter NETIO 27
- :number-of-stop-bits** serial I/O parameter NETIO 27
- :output-xoff-character** serial I/O parameter RN 109, NETIO 27
- :output-xon-character** serial I/O parameter RN 109, NETIO 27
- :parity** serial I/O parameter NETIO 27
- :request-to-send** serial I/O parameter NETIO 27
- :unit** serial I/O parameter NETIO 27
- :xon-xoff-protocol** serial I/O parameter NETIO 27
- Reading serial I/O parameters NETIO 25
- Serial I/O Parameters NETIO 27
- Setting serial I/O parameters NETIO 25
- General Purpose I/O Port NETIO 109
- Serial I/O Port NETIO 109
- Serial I/O Port Troubleshooting NETIO 30
- Create serial I/O stream NETIO 25
- Serial I/O stream creation parameters NETIO 27
- The Serial I/O Stream: 3600 Serial I/O NETIO 25
- I/O Streams STR 9
- I/O subprimitives 3600 23
- I/O System STR 1
- I/O to Strings ARR 34
- Introduction to the I/O: Parity Recovery and Xon/Xoff Character Setting RN 109
- Changes to Serial
- Ratios read in current **ibase** and print in current **base** RN 19
- ibase** global variable ZMACS 128
- ibase** variable PRIM 94, 99, MENUS 57
- :height** init option for **tv:** **ibeam-blinker** WINDOC 67
- tv:** **ibeam-blinker** flavor WINDOC 67
- IBF number of input packets buffered NETIO 77
- Tape Drive ID SITE 5
- Tape Reel ID dump parameter SITE 5
- #/** and **#** now identical RN 19
- #/** character identifier ARR 25
- #** character identifier ARR 25
- :** character as keyword identifier PKG 9
- B exponent identifier RN 17
- D exponent identifier RN 17
- E exponent identifier RN 17
- F exponent identifier RN 17
- L exponent identifier RN 17
- QFILE transaction identifier PROT 85
- S exponent identifier RN 17
- Identify flavor of instance 3600 24
- Functions for identifying callers MISCF 1
- Identifying callers of variables MISCF 1
- Identifying mouse buttons WINDOC 67, 71, 72
- IDX connection index number NETIO 77
- 3600 Supports IEEE Single- and Double-precision Floating Point RN 48
- IEEE standard 3600 15
- IEEE-standard double-precision RN 48
- IEEE-standard single-precision RN 48
- if** clause FLOW 45
- if** keyword FLOW 45
- if** special form FLOW 3
- If** Unique ZMACS 43
- Complete And Exit **:if-does-not-exist** RN 25, STR 63
- :create** value of **open** option **:if-does-not-exist** RN 25, STR 63
- :error** value of **open** option **:if-does-not-exist** RN 25
- New **open** options: **:if-exists** and **:if-does-not-exist** RN 25, STR 63
- nil** value of **open** option **:if-does-not-exist** option RN 26

- :create** symbol in
- :error** symbol in
 - nil symbol in
- :append** value of **open** option for
- :error** value of **open** option for
- :new-version** value of **open** option for
- :overwrite** value of **open** option for
- :rename** value of **open** option for
- :rename-and-delete** value of **open** option for
- :supersede** value of **open** option for
- :truncate** value of **open** option for
- New **open** options:
 - :error** symbol in
 - :new-version** symbol in
 - :overwrite** symbol in
 - :supersede** symbol in
 - nil symbol in
- :error** symbol in
- :share** symbol in
- Adding patches to Lisp
 - Mirror
 - The ITS
 - The Lisp Machine
 - The Tops-20/TENEX
 - The UNIX
 - The Vax/VMS
 - Lisp Machine
 - Tops-20/TENEX
 - Vax/VMS
 - ITS
 - Tops-20/TENEX
 - Lisp Machine
 - Tops-20/TENEX
 - Vax/VMS
 - ITS
 - Tops-20/TENEX
 - Off-negative
 - Off-positive
 - On-negative
 - On-positive
- Compiler now warns about
 - :if-does-not-exist** option for **open** RN 25, STR 63, INT 69
 - :if-does-not-exist** option for **open** INT 69
 - :if-does-not-exist** option for **open** INT 69
 - :if-does-not-exist** option for **open** INT 69
 - IF-DOES-NOT-EXIST QFILE OPEN option PROT 104
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** RN 25, STR 63
 - :if-exists** and **:if-does-not-exist** RN 25
 - :if-exists** option RN 25
 - :if-exists** option for **open** RN 25, STR 63, INT 69
 - :if-exists** option for **open** INT 69
 - :if-exists** option for **open** INT 69
 - :if-exists** option for **open** INT 69
 - :if-exists** option for **open** INT 69
 - :if-exists** option for **open** INT 69
 - IF-EXISTS QFILE OPEN option PROT 102
 - IF-EXISTS QFILE OPEN option values PROT 103
 - if-for-lisp** macro COMP 23
 - if-for-maclisp** macro COMP 23
 - if-for-maclisp-else-lisp** macro COMP 23
 - if-in-lisp** macro COMP 23
 - if-in-maclisp** macro COMP 24
 - :if-locked** option for **open** INT 69, 74
 - :if-locked** option for **open** INT 69
 - :if-locked** option for **open** INT 69
 - ignore** function EVAL 22
 - ignore** variable COMP 15
 - ignore-errors** special form COND 15
 - Ignored arguments COMP 15
 - Illegal redefinition error COND 58
 - Image SITE 20
 - Image restore format NETIO 7
 - imaging characters FED 19
 - lmlac terminal codes RN 114
 - Implementation PROT 30
 - Implementation NETIO 73
 - Implementation NETIO 84
 - Implementation NETIO 79
 - Implementation NETIO 96
 - Implementation NETIO 92
 - Implementation of Flavors FLAV 57
 - Implementation Packet Input and Output NETIO 89
 - Implementation Packet Input and Output NETIO 81
 - Implementation Packet Input and Output NETIO 94
 - Implementation Server Programs NETIO 79
 - Implementation Server Programs NETIO 83
 - Implementation Stream Input and Output NETIO 88
 - Implementation Stream Input and Output NETIO 81
 - Implementation Stream Input and Output NETIO 94
 - Implementation Utility Programs NETIO 77
 - Implementation Utility Programs NETIO 83
 - Implementations PROT 42
 - Implementing protocols PROT 50
 - implication MENUS 51
 - implication MENUS 51
 - implication MENUS 51
 - implication MENUS 51
 - implication MENUS 51
 - Implications MENUS 52
 - implicit **progn** in **loops** RN 82
 - implode** function ARR 36
 - import** function PKG 7, 27, 45

- FEP Version 15: Improvements RN 135
 - FEP Version 16: Improvements RN 137
 - FEP Version 17: Improvements RN 140
 - FEP Version 18: Improvements RN 140
- Garbage Collector Improvements STOR 9
- Improvements to Lisp in Release 5.0 RN 77
- Improvements to **make-system: error-restart**, selective transformations RN 94
- Improvements to Utilities in Release 5.0 RN 116
- Improvements to Zmacs in Release 5.0 RN 126
- Improvements to Zmail in Release 5.0 RN 130
- :in** option for **fs:complete-pathname** STR 81, FILE 24
- :in** option for **with-open-file** STR 59
- In-reply-to field ZMAILT 37, 41
- Inactive windows WINDOC 3
- Inbox ZMAILT 11, 47
- Inbox file names ZMAILC 33
- Renamed inbox file names ZMAILC 33
- Inbox files ZMAILC 3, 4
- Inboxes ZMAILC 3, 4
- [Get inbox] Zmail menu item ZMAILT 11, 17, ZMAILC 4
- incf** macro MAC 37
- include** function 3600 27
- :include** option for **defpackage** PKG 33
- :include** option for **defstruct** DEFS 7
- :include** option for **make-package** PKG 35
- Included messages ZMAILT 37
- Included references ZMAILT 37
- :included-flavors** option for **defflavor** FLAV 35
- Inclusive **or** FLOW 5
- Inclusive **or** PRIM 76
- Inclusive-or **alu** function WINDOC 34
- incoming half of this connection NETIO 77
- Incompatibilities 3600 27
- Incompatible Changes RN 133
- Incompatible Changes to Lisp in Release 5.0 RN 5
- Incompatible Changes to Networks in Release 5.0 RN 107
- Incompatible Changes to the File System in Release 5.0 RN 119
- Incompatible Changes to the Input Editor (Rubout Handler) RN 21
- Incompatible Changes to Utilities in Release 5.0 RN 113
- Incompatible Changes to Zmacs in Release 5.0 RN 123
- Incompatible Changes to Zmail in Release 5.0 RN 129
- Incompatible Changes: New Compiler 3600 13
- Incomplete Transmission connection state NETIO 60, 87
- fs: inconsistent-options** flavor COND 71
- fs: incorrect-access-to-directory** flavor COND 69
- fs: incorrect-access-to-file** flavor COND 68
- Increase size of FEP file INT 71
- :increment-patch** option for **make-system** MAINT 13
- [Incremental Dump] File System Maintenance menu

	Item SITE 1
	Incremental garbage collection STOR 12
	Incremental indicator PROT 32
	Incremental Search ZMACS 86
Reverse	Incremental Search ZMACS 87
	Incremental Search (c-S) TOOLS 53
c-S	(Incremental Search) TOOLS 53
	Incremental tape dump SITE 4
	Incremental updates PROT 32
	Incrementing generalized variables MAC 37
	Indent Differently ZMACS 150
	Indent For Comment ZMACS 157
	Indent For Comment (c-; or m-;) TOOLS 22
c-;	(Indent For Comment) TOOLS 22
m-;	(Indent For Comment) TOOLS 22
	Indent for Lisp ZMACS 150
	Indent For Lisp (TAB or c-m-TAB) TOOLS 23
c-m-TAB	(Indent For Lisp) TOOLS 23
TAB	(Indent For Lisp) TOOLS 23
	Indent New Comment Line ZMACS 158
	Indent New Comment Line (m-LINE) TOOLS 23
m-LINE	(Indent New Comment Line) TOOLS 23
	Indent New Line ZMACS 151
	Indent New Line (LINE) TOOLS 23
LINE	(Indent New Line) TOOLS 23
	Indent Region ZMACS 151
	Indent Region (c-m-\) TOOLS 23
c-m-\	(Indent Region) TOOLS 23
	Indent Rigidly ZMACS 152
	Indent Sexp ZMACS 151
	Indent Sexp (c-m-Q) TOOLS 23
c-m-Q	(Indent Sexp) TOOLS 23
	Indentation ZMACS 150
Back To	Indentation ZMACS 151
Changing Case and	Indentation ZMACS 147
Delete	Indentation ZMACS 26, 152
This	Indentation ZMACS 152
Connection	index NETIO 43
	index keyword FLOW 52, 55
IDX connection	index number NETIO 77
Introduction:	Index of Function Keys LMS 37
	Index of Function Keys: Lisp Machine Summary 3600
	Edition LMS 37
	Index offset ARR 7
USR user	index or ITS job number NETIO 77
Destination	Index packet header field NETIO 44
Source	Index packet header field NETIO 44
	Index-offset ARR 4
Font	indexing table WINDOC 59, 62
	Indicator PRIM 39, PROT 21
* buffer status	indicator ZMACS 19
* descriptor file	indicator PROT 21
Attribute	indicator PROT 2
changes descriptor file	indicator PROT 21
delete	indicator PROT 32
Exclamation point (!) line continuation	indicator ZMACS 20, 46
incremental	indicator PROT 32
Semicolon (;) comment	indicator ZMACS 157
timestamp	indicator PROT 32
version descriptor file	indicator PROT 21
X= date directory last expunged	indicator FSED 5
=>, link	indicator in directory listings FSED 5
	Indicators PROT 30
Property list	indicators PRIM 39
Topic	Indicators ZMAILC 25
^F font change	indicators ZMAILT 11
Addresses and	Indices NETIO 43
	Indirect array ARR 4, 7, 13

- Conformal Indirection ARR 6
- [By individual filters] Map over Move menu item ZMAILC 30
- Inexact-result trap COND 55
- [Create Inferior Directory] File System Editor menu item FSED 1
- Inferior timeout window WINDEX 77
- Inferior windows WINDOC 5, 19, WINDEX 30
- inferiors set WINDOC 3, 6, 13
- info alist element FUNC 24
- info alist functions FUNC 7, 16, 22, 24
- :info** message STR 77
- information ARR 4
- information DEBUG 14
- information ZMACS 17
- information RN 137
- information NETIO 6, 13
- information MISCU 5
- information RN 137
- information ARR 4, 25
- Information MENUS 16
- Information NETIO 70
- information RN 137
- information RN 137
- information NETIO 56
- Information ZMAILC 33
- Information RN 135
- Information RN 140
- information INT 58
- Information About an Array ARR 11
- information about machine addresses INT 34
- Information About Temporary Consing Areas (LM-2) STOR 6
- Information and Control NETIO 91
- Information Available on Causes of Crashes RN 137
- Information for Release 5.0 LMS 34
- Information for Release 5.0 LMS 34
- Information on Getting Started LMS 34
- Information on **process-run-function** PROC 25
- Information packet NETIO 60
- Information: Front-end Processor NETIO 1
- Information: Front-end Processor NETIO 1
- Information: Subprimitives: Software Changes 3600 19
- Package Inheritance PKG 4, 33
- Flavor inheritance mechanism COND 4
- inhibit-fdefine-warnings** variable FUNC 16
- si: inhibit-gc-flips** macro STOR 12
- inhibit-idle-scavenging-flag** variable RN 148
- INHIBIT-LINKS QFILE OPEN option PROT 101
- sys: %inhibit-read-only** variable INT 28
- inhibit-scavenging-flag** variable INT 28
- inhibit-scheduling-flag** variable PROC 4
- inhibit-style-warnings** macro COMP 15
- inhibit-style-warnings-switch** variable COMP 11
- :init** canonical pathname type removed RN 35
- Init file RN 34, FILE 30
- ITS init file FILE 48
- TOPS-20 init file FILE 46
- Init File Naming Conventions FILE 54
- Init File Pathnames Standardized RN 34
- Init File Pathnames Standardized RN 129
- Init files MISC 11, TOOLS 11, 59, ZMACS 196
- Init Files ZMACS 196
- Customizing the Editor in **tv:scroll-maintain-list** init function can take arguments RN 105
- Init keywords (for flavors) TOOLS 133
- :init** message WINDEX 7
- :init** method for **tv:sheet** TOOLS 111

	:init method of tv:sheet WINDEX 8
:io-buffer	init option WINDOC 41
:proceed-types	init option COND 39
:stack-group	init option MENUS 73
:proceed-types	init option for condition COND 50
:area	init option for si:eq-hash-table PRIM 43
:growth-factor	init option for si:eq-hash-table PRIM 43
:rehash-before-cold	init option for si:eq-hash-table PRIM 43
:size	init option for si:eq-hash-table PRIM 43
:rehash-threshold	init option for si:equal-hash-table PRIM 44
:property-list	init option for si:property-list-mixin FLAV 66
:function	init option for tv:basic-choose-variable-values MENUS 74
:name-font	init option for tv:basic-choose-variable-values MENUS 74
:selected-choice-font	init option for tv:basic-choose-variable-values MENUS 74
:stack-group	init option for tv:basic-choose-variable-values MENUS 74
:string-font	init option for tv:basic-choose-variable-values MENUS 74
:unselected-choice-font	init option for tv:basic-choose-variable-values MENUS 74
:value-font	init option for tv:basic-choose-variable-values MENUS 74
:variables	init option for tv:basic-choose-variable-values MENUS 74
:configuration	init option for tv:basic-constraint-frame WINDOC 100
:constraints	init option for tv:basic-constraint-frame WINDOC 90, 93
:panes	init option for tv:basic-constraint-frame WINDOC 90, 93
:selected-pane	init option for tv:basic-constraint-frame WINDEX 76
:item-type-alist	init option for tv:basic-mouse-sensitive-items WINDEX 6, 8, MENUS 85
:deselected-visibility	init option for tv:blinker WINDOC 65
:follow-p	init option for tv:blinker WINDOC 65
:half-period	init option for tv:blinker WINDOC 66
:visibility	init option for tv:blinker WINDOC 65
:x-pos	init option for tv:blinker WINDOC 65
:y-pos	init option for tv:blinker WINDOC 65
:border-margin-width	init option for tv:borders-mixin WINDOC 85
:borders	init option for tv:borders-mixin WINDOC 83
:char	init option for tv:character-blinker WINDOC 67
:font	init option for tv:character-blinker WINDOC 67
:extra-width	init option for tv:choose-variable-values MENUS 62
:function	init option for tv:choose-variable-values MENUS 62
:label	init option for tv:choose-variable-values MENUS 62
:margin-choices	init option for tv:choose-variable-values MENUS 63
:near-mode	init option for tv:choose-variable-values MENUS 62
:superior	init option for tv:choose-variable-values MENUS 63
:width	init option for tv:choose-variable-values MENUS 62
:io-buffer	init option for tv:choose-variable-values-window MENUS 75
:margin-choices	init option for tv:choose-variable-values-window MENUS 74
:io-buffer	init option for tv:command-menu MENUS 31
:io-buffer	init option for tv:constraint-frame-with-shared-io-buffer WINDOC 90
:item-list-pointer	init option for tv:dynamic-...menu MENUS 37
:column-spec-list	init option for tv:dynamic-multicolumn-mixin MENUS 37
:activate-p	init option for tv:essential-window WINDOC 23

:edges-from	init option for tv:essential-window WINDOC 79
:expose-p	init option for tv:essential-window WINDOC 23
:minimum-height	init option for tv:essential-window WINDOC 79
:minimum-width	init option for tv:essential-window WINDOC 79
:timeout-window	init option for tv:essential-window-with-timeout-mixin WINDEX 77
:hysteresis	init option for tv:hysteretic-window-mixin WINDOC 73
:height	init option for tv:beam-blinker WINDOC 67
:label	init option for tv:label-mixin WINDOC 85
:margin-choices	init option for tv:margin-choice-mixin MENUS 92
:space	init option for tv:margin-space-mixin RN 75
:activate-p	init option for tv:menu MENUS 97
:borders	init option for tv:menu MENUS 22, 97
:bottom	init option for tv:menu MENUS 97
:character-height	init option for tv:menu MENUS 97
:character-width	init option for tv:menu MENUS 97
:columns	init option for tv:menu MENUS 14, 98
:default-font	init option for tv:menu MENUS 22, 98
:edges	init option for tv:menu MENUS 98
:edges-from	init option for tv:menu MENUS 98
:expose-p	init option for tv:menu MENUS 98
:fill-p	init option for tv:menu MENUS 14, 98
:font-map	init option for tv:menu MENUS 22, 98
:geometry	init option for tv:menu MENUS 14, 98
:height	init option for tv:menu MENUS 98
:inside-height	init option for tv:menu MENUS 98
:inside-size	init option for tv:menu MENUS 99
:inside-width	init option for tv:menu MENUS 99
:item-list	init option for tv:menu MENUS 22, 99
:label	init option for tv:menu MENUS 22, 99
:left	init option for tv:menu MENUS 99
:minimum-height	init option for tv:menu MENUS 99
:minimum-width	init option for tv:menu MENUS 99
:name	init option for tv:menu MENUS 99
:position	init option for tv:menu MENUS 99
:reverse-video-p	init option for tv:menu MENUS 99
:right	init option for tv:menu MENUS 99
:rows	init option for tv:menu MENUS 14, 100
:screen	init option for tv:menu MENUS 100
:top	init option for tv:menu MENUS 100
:vsp	init option for tv:menu MENUS 22, 100
:width	init option for tv:menu MENUS 100
:x	init option for tv:menu MENUS 100
:y	init option for tv:menu MENUS 100
:highlighted-items	init option for tv:menu-highlighting-mixin MENUS 42
:special-choices	init option for tv:multiple-menu-mixin MENUS 42
:process	init option for tv:process-mixin WINDEX 7, 8
:width	init option for tv:rectangular-blinker WINDOC 66
:type-alist	init option for tv:scroll-mouse-mixin SCROLL 9
:backspace-not-overprinting-flag	init option for tv:sheet WINDOC 23, 31
:bottom	init option for tv:sheet WINDOC 78
:character-height	init option for tv:sheet WINDOC 79
:character-width	init option for tv:sheet WINDOC 78
:cr-not-newline-flag	init option for tv:sheet WINDOC 23, 32
:deexposed-typein-action	init option for tv:sheet WINDOC 31
:deexposed-typeout-action	init option for tv:sheet WINDOC 31
:edges	init option for tv:sheet WINDOC 78
:font-map	init option for tv:sheet WINDOC 56
:height	init option for tv:sheet WINDOC 78
:inside-height	init option for tv:sheet WINDOC 78
:inside-size	init option for tv:sheet WINDOC 78
:inside-width	init option for tv:sheet WINDOC 78
:integral-p	init option for tv:sheet WINDOC 79
:left	init option for tv:sheet WINDOC 77
:more-p	init option for tv:sheet WINDOC 30

:name init option for **tv:sheet** WINDOC 85
:position init option for **tv:sheet** WINDOC 78
:right init option for **tv:sheet** WINDOC 78
:right-margin-character-flag init option for **tv:sheet** WINDOC 31
:size init option for **tv:sheet** WINDOC 78
:tab-nchars init option for **tv:sheet** WINDOC 23, 32
:top init option for **tv:sheet** WINDOC 78
:vsp init option for **tv:sheet** WINDOC 31
:width init option for **tv:sheet** WINDOC 78
:x init option for **tv:sheet** WINDOC 78
:y init option for **tv:sheet** WINDOC 78
:asynchronous-characters init option for **tv:stream-mixin** WINDOC 54
:blinker-p init option to **tv:minimum-window** TOOLS 108
:edges-from init option to **tv:minimum-window** TOOLS 108
:expose-p init option to **tv:minimum-window** TOOLS 108
:minimum-height init option to **tv:minimum-window** TOOLS 108
:minimum-width init option to **tv:minimum-window** TOOLS 108
:process init option to **tv:process-mixin** TOOLS 120
 Init options FLAV 13
 Messages and Init Options COND 49
 Window position init options WINDOC 77
 Window size init options WINDOC 77
tv:process-mixin init options TOOLS
 INIT pathname type abbreviation FILE 44
init-code slot DEFS 27
init-file-pathname RN 34
init-file-pathname function RN 34, FILE 30
:init-keywords option for **defflavor** FLAV 35
init-list-area variable 3600 29
init-list-area variable 3600 29
sys: **init-list-area** variable 3600 29
 List valid init-options for flavor STR 67
 Init-plist FLAV 13
:function init-plist option MENUS 61
:item-type-alist init-plist option MENUS 82
tv:margin-choice-mixin Init-plist Option MENUS 92
tv:momentary-menu Example 2: Item List as Init-plist Option MENUS 24
 Init-plist Option for Dynamic Menu MENUS 37
 Geometry Init-plist Options MENUS 13
tv:basic-choose-variable-values Init-plist Options MENUS 73
tv:basic-mouse-sensitive-items Init-plist Options MENUS 85
tv:command-menu Init-plist Options MENUS 31
tv:multiple-menu-mixin Init-plist Options MENUS 42
 Useful **tv:menu** Init-plist Options MENUS 22
 Init-plist Options for **tv:menu** MENUS 97
:initable-instance-variables option for
defflavor FLAV 13, 35, COND 7
 Uppercase Initial ZMACS 148
:initial-copies option for **defresource** WINDEX 58,
 STOR 18
:initial-dimensions option to **make-plane** RN 80,
 ARR 21
 New options for **make-plane:** **:initial-dimensions, :initial-origins** RN 80
sys: **%initial-fef** variable INT 27
:initial-form method of **si:process** PROC 15
:initial-input option WINDOC 49, STR 48
:initial-input option for **:rubout-handler**
 message WINDOC 47, STR 46
:initial-offset option for **defstruct** DEFS 7
 New options for **make-plane:** **:initial-origins** RN 80
:initial-origins option to **make-plane** RN 80, ARR
 21
si: **initial-process** variable PROC 6
si: **initial-readtable** variable MISC 7, PRIM 104
:initial-stack-group method of **si:process** PROC 15
sys: **%initial-stack-group** variable INT 27
:initial-status option for **defsystem** MAINT 3
:initial-value keyword for **make-list** PRIM 23
:initial-value option for **make-array** INT 57

- Array
- Loop
- Evaluation of structure
- Adding new keywords to
 - :before-cold**
 - :cold**
 - :disable-services**
 - :enable-services**
 - :login**
 - :logout**
 - :once**
 - :system**
 - :warm**
 - New
 - System
 - User-created
- si:**
- Introduction to
- Order of
 - initialization** option for **make-list** PRIM 12
 - initialization ARR 7
 - initialization code FLOW 35, 42
 - initialization forms DEFS 15
 - initialization functions INIT 1
 - initialization in structures DEFS 15
 - initialization keywords FLAV 13
 - initialization list INIT 1
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list INIT 5
 - initialization list: **:after-full-gc** RN 73
 - Initialization Lists INIT 5
 - initialization lists INIT 5
 - Initialization, Reset, and Enable PROT 77
 - initialization-keywords** variable INIT 3
 - initializations INIT 1
 - initializations INIT 1
 - initializations** function INIT 3
 - initialize border parameters MENUS 22, 97
 - initialize-special-commands** message COND 46
 - initialize-timebase** function MISCUI 7
 - initializer** option for **defresource** STOR 18
 - [Initialize] Maintenance Operations menu item SITE 1
 - initializing a Disk Unit INT 83
 - initializing a FEP File INT 78
 - initializing instance variables FLAV 13, 25, 49
 - initializing local networks PROT 77
 - initially** clause FLOW 42
 - initially** keyword FLOW 42
 - input WINDOC 41
 - input NETIO 1
 - input STR 14
 - input PRIM 109
 - input WINDOC 41
 - input STR 45
 - input STR 3
 - input RN 24, STR 61
 - input WINDOC 19
 - input RN 42, WINDOC 41, 44
 - input STR 12
 - input RN 40
 - input RN 22
 - Input and Output NETIO 73
 - Input and Output NETIO 89
 - Input and Output NETIO 88
 - Input and Output NETIO 81
 - Input and Output NETIO 81
 - Input and Output NETIO 94
 - Input and Output NETIO 94
 - Input and Output Disk Streams INT 72
 - input channel number NETIO 75
 - input device FED 5
 - input device WINDOC 19, 67
 - :input** disk stream INT 69
 - Input Editing STR 45
 - input editing TOOLS 70
 - input editor RN 1, INED 15, CONV 3, STR 45
 - input editor RN 63
 - Input Editor STR 52
 - input Editor STR 46
 - input editor RN 59, STR 50
- time:**
- Abbreviated FEP
- Clear buffered
- Echo character
- Echo on
- Editing terminal
- Encoding keyboard
- File opened for
- Forcing keyboard
- Mouse
- Stream
- Window System Changes Associated with Mouse
- Yanking previous
 - Lisp Machine Implementation Packet
 - Lisp Machine Implementation Stream
 - Tops-20/TENEX Implementation Packet
 - Tops-20/TENEX Implementation Stream
 - Vax/VMS Implementation Packet
 - Vax/VMS Implementation Stream
- Mouse as a graphic
- Mouse as an
 - Lisp
- Communication between programs and
- Examples of Use of the
 - Invoking the
 - Reading function to use

- Returning control from
 - Using the ESCAPE key with the Incompatible Changes to the New Features Associated with the
 - c-C Lisp
 - m-C Lisp
 - Lisp
- Changes to
 - New
 - Changes to
 - How the
 - Using the
 - Prompting for
 - Yanking
 - Stream
 - Available
 - Number of available
 - Number of
 - IBF number of
 - PBF number of
 - Reading characters from an
 - Tokens in the
 - End-of-file on
 - Windows as
 - :clear-eof** message to
 - :discard-current-record** message to
 - :record-status** message to
 - input editor RN 57
 - Input Editor INED 15
 - Input Editor (Rubout Handler) RN 21
 - Input Editor (Rubout Handler) RN 57
 - input editor command TOOLS 71
 - input editor command TOOLS 71
 - input editor commands TOOLS
 - Input Editor kill history INED 15
 - input editor options **:do-not-echo**, **:pass-through**, **:prompt**, **:reprompt** RN 22
 - input editor options: **:no-input-save**, **:activation**, **:command**, **:preemptable** RN 57
 - Input Editor User Interface RN 22
 - Input Editor Works STR 45
 - Input Editor: Examples RN 65
 - input from user RN 85, MISCUI 13
 - Input Functions PRIM 109
 - Input history RN 22, INED 5
 - input in Zwei RN 1
 - input messages WINDOC 19
 - Input operations NETIO 25
 - Input operations on windows WINDOC 2
 - input packets NETIO 75
 - input packets NETIO 81
 - input packets available NETIO 95
 - input packets buffered NETIO 77
 - input packets buffered NETIO 77
 - input stream STR 12
 - input stream PRIM 93
 - Input stream specification PRIM 109
 - input streams PRIM 109
 - input streams WINDOC 41
 - input tape streams TAPE 4
 - input tape streams TAPE 4
 - input tape streams TAPE 4
 - Input to the Compiler COMP 5
 - :input** value of **open** option **:direction** RN 24, STR 61
 - :input-error-character** serial I/O parameter RN 109, NETIO 27
 - :input-stream-mode** option to **tape:make-stream** TAPE 1
 - :input-xoff-character** serial I/O parameter RN 109, NETIO 27
 - :input-xon-character** serial I/O parameter RN 109, NETIO 27
 - Input/Output Board NETIO 107, 109
 - LM-2
 - Input/Output Board NETIO 106
 - Input/Output in Stack Groups INT 6
 - Arpanet
 - Self
 - INR/INS attention-getting feature NETIO 63
 - Insert and Complete ZMACS 43, 44
 - Insert Buffer (m-X) TOOLS 59
 - Insert Buffer (m-X) Zmacs command ZMACS 112
 - Insert File (m-X) TOOLS 59
 - Insert File (m-X) Zmacs command ZMACS 112
 - Insert Matching parentheses ZMACS 164
 - Insert Tab ZMACS 150
 - Insert text from register into buffer ZMACS 78
 - :insert-char** method of **tv:sheet** WINDOC 29
 - :insert-line** method of **tv:sheet** WINDOC 29
 - :insert-string** method of **tv:sheet** WINDOC 29
 - Inserting Characters ZMACS 20
 - Inserting elements into list MAC 38
 - Inserting Text ZMACS 20
 - Inserting Text ZMACS 112
 - Insertion messages WINDOC 29
 - inside WINDOC 19, 77, 83
 - inside Lisp printer COND 63
 - Appending, Prepending, and
 - Window
 - Errors

- Functions used
- inside the Debugger DEBUG 13
 - :inside-edges** method of **tv:sheet** WINDOC 82
 - :inside-height** init option for **tv:menu** MENUS 98
 - :inside-height** init option for **tv:sheet** WINDOC 78
 - :inside-size** init option for **tv:menu** MENUS 99
 - :inside-size** init option for **tv:sheet** WINDOC 78
 - :inside-size** method for
 - tv:minimum-window** TOOLS 109
 - :inside-size** method of **tv:sheet** WINDOC 80
 - :inside-width** init option for **tv:menu** MENUS 99
 - :inside-width** init option for **tv:sheet** WINDOC 78
 - inspect** function MISCF 3, TOOLS 99, MISCT 1
 - Inspect history pane WINDEX 75
 - Inspect pane WINDEX 75
 - Inspecting a closure MISCT 3
 - Inspecting a compiled code object MISCT 3
 - Inspecting a list MISCT 3
 - Inspecting a named structure MISCT 3
 - Inspecting a select method MISCT 3
 - Inspecting a stack frame MISCT 3
 - Inspecting a symbol MISCT 3
 - Inspecting an array MISCT 3
 - Inspecting an entity MISCT 3
 - Inspecting an instance MISCT 3
 - Inspecting compiled code INT 37
 - Inspecting hash arrays of **eq** hash tables not permitted RN 145
 - Inspecting objects MISCT 3, WINDEX 76
 - Inspector inspection pane MISCT 3
 - The Inspector Inspection Pane MISCT 3
 - Inspection Pane Display MISCT 3
 - Inspector TOOLS 96, 130
 - Inspector ZMACS 30
 - Entering Introduction to the Inspector MISCT 1
 - Special Characters Recognized by the Inspector MISCT 4
 - The Inspector MISCT 1
 - Using the mouse in the Inspector MISCT 1, 3
 - BREAK Inspector command MISCT 4
 - c-Z Inspector command MISCT 4
 - ESCAPE Inspector command MISCT 4
 - Inspector commands MISCT 5
 - Inspector history pane MISCT 1
 - The Inspector History Pane MISCT 1
 - Inspector inspection pane MISCT 3
 - The Inspector Inspection Pane MISCT 3
 - Inspector interaction pane MISCT 4
 - The Inspector Interaction Pane MISCT 4
 - [Clear] Inspector menu item MISCT 5
 - [DeCache] Inspector menu item MISCT 1, 5
 - [Exit] Inspector menu item MISCT 5
 - [Modify] Inspector menu item MISCT 5
 - [Return] Inspector menu item MISCT 5
 - [Set \] Inspector menu item MISCT 5
 - The Inspector Menu Pane MISCT 5
 - Font Editor and Inspector use ESCAPE to evaluate forms RN 116
 - Inspector window MISCT 1
 - Inspector window panes WINDOC 3
 - [Inspect] menu item TOOLS 99
 - [Inspect] System menu item MISCT 1
 - Install Command (m-X) Zmacs command ZMACS 192
 - Install Macro (m-X) TOOLS 59
 - Install Macro (m-X) Zmacs command ZMACS 186
 - Install Mouse Macro (m-X) TOOLS 59
 - Install patch file MAINT 34
 - si:** **install-microcode** function RN 94, FILE 73, SITE 24
 - Second argument to **si:** **install-microcode** now optional RN 94
 - LM-2 Software Installation SIG 39

- Software Installation NETIO 101
- LM-2 Software Installation Functions SIG 42
- Software Installation Functions and Variables SIG 27
- Introduction: Software Installation Guide SIG 1
- Installing a Printer SIG 17
- Installing Microcode FILE 73, SITE 24
- Installing New Microcode SITE 31
- Installing New Releases Distributed in Patch Tape Format SIG 22
- Installing New Releases Distributed in World Load Format SIG 22
- Installing New Software SITE 24
- Procedures for Installing Release 5.0 SIG 5
- Installing World Loads From Other Sites SIG 23
- Instance FUNC 11
- Identify flavor of instance 3600 24
- Inspecting an instance MISCT 3
- Printed representation of an instance PRIM 89
- :instance** argument to **typep** PRIM 5
- Instance descriptor FLAV 57
- Unbound instance variable error COND 53
- Instance variable errors COND 58
- Instance variable out-of-bounds COND 61
- Instance variables FLAV 5, 11, 35, 55, COND 7, TOOLS 105, 114, 117, WINDOC 2
- Default values for instance variables FLAV 13, 19
- Examining values of instance variables DEBUG 13
- Initializing instance variables FLAV 13, 25, 49
- Value of instance variables FLAV 32
- Outside-accessible instance variables feature FLAV 5
- Instance variables of combined flavors FLAV 19
- sys:** **%instance-flavor** function 3600 24
- tv:item-type-alist** instance-variable MENUS 82
- sys:** **instance-variable-pointer-out-of-range** flavor COND 58
- sys:** **instance-variable-zero-referenced** flavor COND 58
- Instances FUNC 7, FLAV 1, 3, 57
- Copying Instances FLAV 55
- Instances in compiled code files COMP 25
- Recognizing instances of a structure DEFS 13
- Conditions as instances of flavors COND 1
- Creating instances of flavors FLAV 24
- Copying instances of the structure DEFS 13
- Multiple instances of windows LMS 15
- Instantiable Choose Variable Values Flavors MENUS 72
- Instantiable Command Menu MENUS 31
- Instantiable Dynamic Item List Menu MENUS 36
- Instantiable flavors MENUS 4
- Instantiable Multiple Choice Menu Flavors MENUS 54
- Instantiable Multiple Menu Choose Flavors MENUS 49
- Instantiable Multiple Menu MENUS 42
- Instantiable Pop-up and Momentary Menu MENUS 21
- Instantiable, Basic, and Mixin Flavors MENUS 4
- instantiate-flavor** function FLAV 25
- Use **record-source-file-name** instead of (**remprop symbol** **:source-file-name**) RN 147
- * instruction INT 44
- + instruction INT 44
- instruction INT 44
- / instruction INT 44
- < instruction INT 44
- = instruction INT 44
- > instruction INT 44
- AR-1 instruction INT 52

| | | |
|---------------------------------|--|-------------------------|
| AS-1 | instruction | INT 52 |
| BIND-NIL | instruction | INT 44 |
| BIND-POP | instruction | INT 44 |
| BR | instruction | INT 44 |
| BR-ATOM | instruction | INT 44 |
| BR-NIL | instruction | INT 44 |
| BR-NIL-POP | instruction | INT 44 |
| BR-NOT-ATOM | instruction | INT 40, 44 |
| BR-NOT-NIL | instruction | INT 44 |
| BR-NOT-NIL-POP | instruction | INT 44 |
| CAAR | instruction | INT 44 |
| CADR | instruction | INT 44 |
| CALL | instruction | 3600 14, INT 40, 44, 52 |
| %CALL-MULT-VALUE | instruction | INT 49 |
| %CALL-MULT-VALUE-LIST | instruction | INT 49 |
| CALLO | instruction | INT 40, 44 |
| %CALLO-MULT-VALUE | instruction | INT 49 |
| CAR | instruction | INT 40, 44 |
| %CATCH-OPEN | instruction | INT 49 |
| %CATCH-OPEN-MULT-VALUE | instruction | INT 49 |
| CDAR | instruction | INT 44 |
| CDDR | instruction | INT 44 |
| CDR | instruction | INT 40, 44 |
| EQ | instruction | INT 44 |
| LOGAND | instruction | INT 44 |
| LOGIOR | instruction | INT 44 |
| LOGXOR | instruction | INT 44 |
| MOVE | instruction | INT 37, 44, 52 |
| MOVEM | instruction | INT 44, 52 |
| POP | instruction | INT 40, 49, 52 |
| PUSH-E | instruction | INT 44 |
| %RETURN-2 | instruction | INT 49 |
| %RETURN-3 | instruction | INT 49 |
| %RETURN-N | instruction | INT 49 |
| SET-NIL | instruction | INT 44, 52 |
| SET-ZERO | instruction | INT 44, 52 |
| SETE-1 + | instruction | INT 44, 52 |
| SETE-1- | instruction | INT 44, 52 |
| SETE-CDDR | instruction | INT 44 |
| SETE-CDR | instruction | INT 44 |
| %SPREAD | instruction | INT 49 |
| UNBIND | instruction | INT 49 |
| Assembly language | instruction address | INT 37 |
| Assembly language | instruction field | INT 37 |
| Lisp | instruction set | 3600 13 |
| | instruction set definition | 3600 19 |
| Assembly language miscellaneous | instructions | INT 37 |
| Branching | instructions | INT 44, 52 |
| Format of assembly language | instructions | INT 37 |
| (MISC) | instructions | INT 37 |
| Special Class IV | Instructions | INT 49 |
| Special variable binding | instructions | INT 52 |
| The Rest of the | Instructions | INT 44 |
| Print number as decimal | integer | STR 25 |
| | Integer as a pane constraint | WINDOC 93 |
| | integer data-type keyword | FLOW 48 |
| | Integer division | PRIM 61 |
| | Integer iteration | FLOW 19 |
| | Integer square root | PRIM 74 |
| | Integers | PRIM 1, 61, WINDOC 41 |
| Binary | integers | PRIM 61 |
| | Integral | PRIM 103 |
| | :integral-p init option for tv:sheet | WINDOC 79 |
| Transmitting | inter-user messages | NETIO 64 |
| Zmacs commands for | interacting with Lisp | ZMACS 202 |
| | Interaction pane | WINDEX 75 |
| Inspector | interaction pane | MISCT 4 |
| The Inspector | Interaction Pane | MISCT 4 |

- Saving terminal
 - Interaction with Peek Network Mode PROT 80
 - interactions in file MISC F 15
 - Interactive command handler WINDEX 7
 - Interactive handler object COND 31
 - Interactive handlers COND 23, 31
- Converse
 - interactive message editor CONV 1
 - Interactive message system (Converse) ZMAILC 1
- Sending
 - interactive messages CONV 3
- Transmitting
 - interactive messages NETIO 65
 - Interactive streams PRIM 109, STR 45
 - interactive subsystems WINDOC 88
- Frame-oriented
 - Interactive Use COND 43
- Issues for
 - dbg:**
 - *interactive-handlers*** variable COND 31
 - Intercepting special characters WINDOC 41
 - Interchange case in pathnames FILE 12
 - Interchange case representation FILE 12
 - Interesting active frame COND 16
 - Interesting Areas STOR 4
- 3600 Disk System User
 - Interface INT 55
- Bus
 - Interface NETIO 106, 107, 109
- CCITT Recommendation X.25
 - interface PROT 12
- Changes to Input Editor User
 - interface RN 22
- Chaosnet UNC encapsulation
 - interface PROT 72
- Encapsulation
 - interface PROT 70
- FEP File Properties: 3600 Disk System User
 - Interface INT 74
- FEP File System: 3600 Disk System User
 - Interface INT 68
- Lisp Machine Software
 - interface PROT 26
- LM-2 Interlan Ethernet
 - interface PROT 72
- Sending a Packet to an
 - Interface PROT 72
- The
 - Interface NETIO 36
- The Standard Momentary Menu
 - Interface MENUS 19
- Top-level
 - interface ZMAILC 5
- UNIBUS Chaosnet
 - interface NETIO 70
- UNIBUS location of the Chaosnet
 - interface INT 28
- Quad-high I/O
 - Interface between two modules PKG 3
- Outside World
 - interface boards NETIO 106
 - Interface Menu Items FED 30
 - interface** printer attribute HARD 5
 - interface** printer attribute HARD 5
 - interface** printer attribute HARD 5
 - Interface to the Network Database PROT 19
 - Interface to the Vadic Modem RN 111, NETIO 32
 - interface-options** printer attribute HARD 5
 - interface-options:** printer object attribute PROT 14
 - interface:** printer object attribute PROT 14
- Interfaces
 - PROT 70
- Interfaces
 - PROT 77
- Interfaces
 - PKG 53
- Interfaces
 - PROT 72
- Interfaces
 - PKG 20
- Interfaces
 - PROT 70
- netl:**
 - *interfaces*** variable PROT 70
 - Interfacing to Ethernets PROT 79
 - Interfacing to the Network System PROT 63
 - Interfacing to the Service Lookup Mechanism PROT 75
 - Interim Changes: Areas STOR 5
 - Interim Changes: Processes PROC 25
 - Interim Changes: Subprimitives INT 33
 - Interim Changes: the Garbage Collector STOR 7
 - Interlan Ethernet interface PROT 72
 - Interlisp FLOW 35
 - Interlisp PRIM 42
 - intermingled MENUS 81
 - intern** function RN 7, PKG 5, 27, 39
 - intern**, **intern-local**, **intern-soft**, and **intern-local-soft** return two values RN 7
 - intern-local** function RN 7, PKG 27, 39
- LM-2
 - FOR facility in
 - Hasharray facility of
 - Graphical objects and text

- intern,** **intern-local,** **intern-soft,** and **intern-local-soft** return two values RN 7
- intern,** **intern-local,** **intern-soft,** and **intern-local-soft** function RN 7, PKG 39
- intern-soft** return two values RN 7
- intern-soft** function RN 7, PKG 39
- intern-soft,** and **intern-local-soft** return two values RN 7
- Internal changes to macros **zwei:defmajor** and **zwei:defminor** RN 127
- :internal** colon mode PKG 33, 35
- :internal** function spec type FUNC 1
- Internal functions NOTA 1, MISCUI 7
- Internal interfaces PKG 53
- Internal state WINDOC 2
- Internal symbols RN 6, PKG 4
- Internal value cell FUNC 31
- Internal variables NOTA 1
- sys:** **%internal-value-cell** function INT 26
- Avoiding the Internal/External Distinction PKG 19
- Miscellaneous Zwei Internals MISCUI 19
- Stack Groups: Internals INT 1
- System internals NOTA 1
- Internals: New Compiler 3600 14
- International dial network RN 151
- Interned symbol PRIM 58
- interned-symbols** Path FLOW 54
- The Internet PROT 12
- DOD Internet Domain Addressing Supported ZMAILC 35
- internet** network type PROT 12
- Internet protocol NETIO 68
- Internet RFC822 domain-addressing formats ZMAILC 35
- Interning PKG 37
- Case sensitivity of **interning** PKG 37
- Interning errors based on **sys:package-error** COND 62
- Interning of Pathnames FILE 5
- Interpackage Relations PKG 44
- Interpret Directory Listings FSED 5
- Read function interpretation of conses PRIM 93
- Read function interpretation of numbers PRIM 93
- Read function interpretation of strings PRIM 93
- Interpreted functions FUNC 7, 9, TOOLS 63
- Receive Interrupt Enable bit NETIO 70
- %PIIOC** interrupt NETIO 75
- Assign PSI interrupt channels NETIO 81
- Timer Interrupt Enable bit NETIO 70
- Transmit Interrupt Enable bit NETIO 70
- Connection interrupt functions NETIO 90
- :interrupt** method of **si:process** PROC 19
- :change-of-state** interrupt reason NETIO 90
- :input** interrupt reason NETIO 90
- :output** interrupt reason NETIO 90
- UNIBUS interrupt vector numbers NETIO 109
- chaos:** **interrupt-function** function NETIO 70
- Interrupts NETIO 75
- Connection Interrupts NETIO 90
- intersection** function PRIM 35
- Intersection of universes ZMAILC 13
- :interval** option for **zwei:open-editor-stream** MISCUI 20
- :interval** option for **zwei:with-editor-stream** MISCUI 20
- Interval Timer NETIO 109
- :interval-string** message to **zwei:standalone-editor-frame** MISCUI 23
- Reading and Printing Time Intervals MISCUI 5
- Time intervals MISCUI 1

Number-sign introducing reader macros NOTA 1
 Introduction LMS 1, ZMACS 1, 156
 Release 5.0: Introduction and Highlights RN 1
 Introduction to Chaosnet NETIO 33
 Introduction to Initializations INIT 1
 Introduction to Macros MAC 1
 Introduction to Making a System MAINT 1
 Introduction to Structure Macros DEFS 1
 Introduction to the 3600 3600 1
 Introduction to the I/O System STR 1
 Introduction to the Inspector MISCT 1
 Introduction to the Lisp Environment LMS 18
 Introduction to the Menu Facilities MENUS 7
 Introduction to Zmacs ZMACS 4
 Introduction: Chaosnet File Protocol (QFILE) PROT
 85
 Introduction: Converse CONV 1
 Introduction: Evaluation EVAL 1
 Introduction: Flow of Control FLOW 1
 Introduction: Font Editor FED 1
 Introduction: General Information: Front-end
 Processor NETIO 1
 Introduction: Graphic Lisp WINDEX 74
 Introduction: Hardcopy System HARD 1
 Introduction: How to Read Assembly Language
 (LM-2) INT 37
 Introduction: Index of Function Keys LMS 37
 Introduction: Lisp Machine File System FILE 57
 Introduction: LM-2 UNIBUS I/O NETIO 105
 Introduction: Mouse-Sensitive **format** Directive:
 M WINDEX 48
 Introduction: Network Database PROT 1
 Introduction: New Compiler 3600 13
 Introduction: New Yank System INED 1
 Introduction: Objects, Message Passing, and
 Flavors FLAV 1
 Introduction: Overlapping Mouse-Sensitive
 Regions WINDEX 40
 Introduction: Pocket Calculator, Version 1 WINDEX 6
 Introduction: Pocket Calculator, Version 2 WINDEX
 24
 Introduction: Pocket Calculator, Version 3 WINDEX
 30
 Introduction: Processes PROC 1
 Introduction: Scroll Windows SCROLL 1
 Introduction: Signalling and Handling
 Conditions COND 1
 Introduction: Simple Mouse-Sensitive Items WINDEX
 16
 Introduction: Smiling Face WINDEX 56
 Introduction: Software Installation Guide SIG 1
 Introduction: the Loop Iteration Macro FLOW 35
 Introduction: Updated Information for Release
 5.0 LMS 34
 Introduction: Window System Program
 Examples WINDEX 1
 Introduction: Zmail Concepts and
 Techniques ZMAILC 1
 Introduction: Zmail Tutorial and Reference
 Manual ZMAILT 1
 Invalid contents in cell errors COND 53
 Invalid file operation errors COND 69
 Invalid pathname syntax errors COND 69
 Invalid type code error COND 54
 Invalid virtual-memory map meters INT 30
 fs: **invalid-byte-size** flavor COND 71
 sys: **invalid-form** flavor COND 61
 sys: **invalid-function** flavor COND 61

- sys:** **invalid-lambda-list** flavor COND 61
- fs:** **invalid-operation-for-directory** flavor COND 69
- fs:** **invalid-operation-for-link** flavor COND 69
- fs:** **invalid-password** flavor COND 67
- fs:** **invalid-pathname-component** flavor COND 72
- fs:** **invalid-pathname-syntax** COND 69
- fs:** **invalid-pathname-syntax** flavor COND 69
- fs:** **invalid-property-value** flavor COND 70
- fs:** **invalid-wildcard** flavor COND 69
- :inverse-list** method combination type FLAV 49
- math:** **invert-matrix** function ARR 19
- Invisible blocks in **progs** and **dos** RN 78
- :invisible** option for **make-package** PKG 35
- Invisible packages PKG 15
- Invisible pointer PRIM 29, INT 12
- Invisible pointers INT 9
- :invoke** option for **net:define-protocol** PROT 48
- How to invoke the Compiler COMP 3
- net:** **invoke-multiple-services** macro PROT 48
- net:** **invoke-multiple-services** special form PROT 41
- dbg:** **invoke-restart-handlers** function COND 36
- net:** **invoke-service-access-path** function PROT 39
- netl:** ***invoke-service-automatic-retry*** variable PROT 39
- net:** **invoke-service-on-host** function PROT 38
- :invoke-with-stream** option for **net:define-protocol** PROT 48
- :invoke-with-stream-and-close** option for **net:define-protocol** PROT 48
- Invoking a server PROT 83
- Search rule for invoking handlers COND 23, 29
- Invoking Medlums PROT 76
- Invoking Restart Handlers Manually COND 36
- Invoking Services PROT 38
- Invoking the Input Editor STR 46
- Invoking Zmacs ZMACS 10
- Errors involving Lisp Printed Representations COND 63
- :io-buffer** init option WINDOC 41
- :io-buffer** init option for **tv:choose-variable-values-window** MENUS 75
- :io-buffer** init option for **tv:command-menu** MENUS 31
- :io-buffer** init option for **tv:constraint-frame-with-shared-io-buffer** WINDOC 90
- :io-buffer** message WINDOC 41
- :io-buffer** message **tv:command-menu** MENUS 31
- tv:** **io-buffer-output-function** function WINDOC 41, 52
- IOB NETIO 106, 107, 109
- IOB connectors NETIO 109
- IOB device locations NETIO 109
- IOC error NETIO 75
- ioctl** System Call Commands NETIO 99
- IOT system call NETIO 73
- is FUNC 31
- is a Function? FUNC 1
- What is a Handler? COND 9
- What is a Region? ZMACS 74
- Nonkeyword form of **make-array** is obsolete RN 16
- Where is Symbol (m-X) TOOLS 34
- Where is Symbol (m-X) Zmacs command PKG 5
- lsqrt** function PRIM 74
- Issues for Interactive Use COND 43
- :italian** day-of-the-week-representation MISCUI 7, 8
- Fixed-width italic font RN 75
- :item** message WINDEX 6
- :item** message **tv:basic-mouse-sensitive-items** MENUS 85

- :item method of
 - tv:basic-mouse-sensitive-items** WINDEX 8
- :item-list init option for **tv:menu** MENUS 22, 99
- :item-list message
 - tv:basic-mouse-sensitive-items** MENUS 85
- :item-list-pointer init option for
 - tv:dynamic-...menu** MENUS 37
- tv:**
 - item-list-pointer** variable MENUS 35
 - :item-type-alist init option for
 - tv:basic-mouse-sensitive-items** WINDEX 6, 8, MENUS 85
 - :item-type-alist init-plist option MENUS 82
 - item-type-alist** instance-variable MENUS 82
 - Item: [reply] RN 130
 - Item: [select Conversation] RN 130
 - Items MENUS 9
 - Items FLOW 31
 - Items MENUS 82
 - Items SCROLL 5
 - Items SCROLL 5
 - Items SCROLL 11
 - Items MENUS 85
 - Items FED 30
 - Items WINDEX 16
 - Items SCROLL 3
 - Items SCROLL 3
 - Items MENUS 9, 29, SCROLL 9
 - Items SCROLL 9
 - Items WINDEX 6, 17, 24, MENUS 2
 - Items FED 30
 - Items MENUS 41
 - Items WINDEX 15, 17, 24, 30
 - Items WINDEX 20
- tv:momentary-menu** Example 3: Centered Label and Use of General List
 - Items MENUS 24
 - Items MENUS 10
 - Items SCROLL 13
- Using the mouse with mouse-sensitive
 - Zmail processing
 - Zmail programming
 - Menu
 - Items and Menu Values MENUS 29
- Argument to **:menu** type menu
 - Items can be a menu or a form RN 105
 - Items Facility MENUS 81
 - Iteration FLOW 1, 15, 35
 - iteration FLOW 19
 - iteration FLOW 19
 - iteration FLOW 56
 - Iteration PKG 42
 - Iteration FLOW 55
 - iteration FLOW 37
 - iteration construct STR 25
 - Iteration Framework FLOW 51
 - Iteration Macro FLOW 48
 - Iteration Macro FLOW 35
 - Iteration Macro FLOW 35
 - Iteration Over Hash Tables FLOW 54
 - iteration path over hash tables FLOW 54
 - Iteration Paths FLOW 52
 - Iteration variables FLOW 51
 - Iteration-driving Clauses FLOW 37, 51
 - iteration-driving clauses FLOW 37
 - ITS RN 34, ZMAILC 33, 34, 35, FILE 48, 54
 - ITS character handling STR 3
 - ITS connection state NETIO 75
 - ITS connection state NETIO 75
 - ITS connection state NETIO 75
 - ITS connection state NETIO 75
 - ITS connection state NETIO 75
- Integer**
- List**
- loop**
- Package**
- Sequence**
- Variable of**
- format**
- The**
- Data Types: the Loop
- Introduction: the Loop
- The Loop
- Loop
- Loop
- Evaluation**
- %CSCLS** ITS connection state NETIO 75
- %CSFRN** ITS connection state NETIO 75
- %CSINC** ITS connection state NETIO 75
- %CSLOS** ITS connection state NETIO 75
- %CSLSN** ITS connection state NETIO 75

%CSOPN ITS connection state NETIO 75
 %CSRFC ITS connection state NETIO 75
 %CSRFS ITS connection state NETIO 75
 ITS connection states NETIO 75
 ITS don't hang mode NETIO 73
 ITS header format ZMAILT 37
 ITS host table NETIO 46
 ITS Hostat command NETIO 61
 ITS I/O Channels NETIO 73
 The ITS Implementation NETIO 73
 ITS Implementation Server Programs NETIO 79
 ITS Implementation Utility Programs NETIO 77
 ITS init file FILE 48
 USR user index or ITS job number NETIO 77
its keyword FLOW 52
 Type ITS pathname component FILE 48
 Version ITS pathname component FILE 48
 ITS pathnames FILE 48
 Equivalence sign (\equiv) character in ITS pathnames FILE 48
 Right horseshoe (\supset) character in ITS pathnames FILE 48
 ITS Users ZMAILC 35
 :fn1 method of fs: **its-pathname** FILE 49
 :fn2 method of fs: **its-pathname** FILE 49
 fs: ***its-uninteresting-types*** variable FILE 49
 ITS/TOPS-20/WAITS standard multi-network host
 table NETIO 83
 h-c-upper-left waits for Lisp to stop itself RN 140
 [Do it] MENUS 41, 47, 51
 Special Class IV Instructions INT 49

J

J

J

c-X J (Jump To Saved Position) TOOLS 55
 J Zmail command ZMAILT 53, ZMAILC 17
 Jump To Saved Position (c-X J) TOOLS 55
 Jump to Saved Position (c-X J) Zmacs command RN 127
 Chaosnet JFN NETIO 79
 JNAME user process name NETIO 77
 USR user index or ITS job number NETIO 77
 DIBE TOPS-20 JSYS NETIO 81
 DOBE TOPS-20 JSYS NETIO 81
 SIBE TOPS-20 JSYS NETIO 81
 SINR TOPS-20 JSYS NETIO 81
 SOBE TOPS-20 JSYS NETIO 81
 SOUTR TOPS-20 JSYS NETIO 81
 [Search] Jump menu item ZMAILC 17
 Jump to Saved Position ZMACS 78
 Jump To Saved Position (c-X J) TOOLS 55
 Jump to Saved Position (c-X J) Zmacs
 command RN 127
 c-X J (Jump To Saved Position) TOOLS 55
 [Jump] Zmail menu item ZMAILT 53, 54, ZMAILC 8,
 13, 17, 18
 Left justify STR 39
 Right justify STR 39
 Justify text within field STR 25

K

K

K

:PEEK command K Dired command ZMACS 138
 c-X K mode NETIO 77
 K Zmacs command ZMACS 110
 %%kbd fields STR 3
 Call Last Kbd Macro ZMACS 184
 End Kbd Macro ZMACS 184
 Start Kbd Macro ZMACS 183, 184
 Call Last Kbd Macro (c-X E) TOOLS 59

| | |
|---|--|
| Name Last | Kbd Macro (m-X) TOOLS 59 |
| Name Last | Kbd Macro (m-X) Zmacs command ZMACS 185 |
| View | Kbd Macro (m-X) Zmacs command ZMACS 184 |
| | Kbd Macro Query ZMACS 185 |
| End | Kbd Macro Zmacs command ZMACS 183 |
| c-X E (Call Last | Kbd Macro) TOOLS 59 |
| | :kbd menu item type MENUS 10, SCROLL 9 |
| | %%kbd-char variable STR 4 |
| | %%kbd-control variable STR 4 |
| | %%kbd-control-meta variable STR 4 |
| tv: | kbd-default-output-function function WINDOC 41, 52 |
| | %%kbd-hyper variable STR 4 |
| tv: | kbd-intercept-character function WINDOC 41 |
| tv: | kbd-intercepted-characters variable WINDOC 41 |
| | %%kbd-meta variable STR 4 |
| | %%kbd-mouse bit WINDOC 41, 67 |
| | %%kbd-mouse variable STR 5 |
| | %%kbd-mouse-button field WINDOC 67 |
| | %%kbd-mouse-button variable STR 5 |
| tv: | kbd-mouse-buttons-mixin flavor RN 42 |
| Flavors tv:list-mouse-buttons-mixin and tv: | kbd-mouse-buttons-mixin obsolete RN 42 |
| | %%kbd-mouse-n-clicks variable STR 5 |
| | %%kbd-super variable STR 4 |
| tv: | kbd-tyl-hook variable WINDOC 41, 52 |
| Left | kern WINDOC 58, 61 |
| ABORT | key COND 24, 46, WINDOC 41 |
| ALT-LOCK | key 3600 3 |
| ALTMODE | key RN 116, 3600 3 |
| BACKSPACE | key 3600 5 |
| BREAK | key 3600 5 |
| CALL | key 3600 3 |
| CIRCLE | key 3600 5 |
| CLEAR-SCREEN | key 3600 5 |
| COMPLETE | key 3600 5 |
| CONTROL | key RN 102, NOTA 1, WINDOC 41 |
| DELETE | key 3600 3 |
| ESCAPE | key 3600 5 |
| FUNCTION | key RN 133, 3600 5, WINDOC 41, 52 |
| GREEK | key 3600 3 |
| HELP | key ZMAILT 23, NETIO 1 |
| HELP | key LMS 7, ZMACS 12, 34 |
| HOLD-OUTPUT | key 3600 3 |
| HYPERS | key RN 102, WINDOC 41 |
| LOCAL | key RN 133, 3600 5 |
| MACRO | key 3600 3 |
| META | key RN 102, NOTA 1, WINDOC 41 |
| MODE-LOCK | key 3600 5 |
| OVERSTRIKE | key 3600 5 |
| QUOTE | key RN 116, 3600 3 |
| REFRESH | key 3600 5 |
| REPEAT | key 3600 5 |
| RESUME | key COND 46 |
| RUBOUT | key ZMACS 20 |
| SCROLL | key 3600 5 |
| SELECT | key 3600 5, WINDOC 41, 53, WINDEX 75, 76 |
| SELECT | key ZMACS 30 |
| SELECT T | key LMS 35 |
| SELECT X | key LMS 35 |
| SQUARE | key 3600 5 |
| STATUS | key 3600 3 |
| STOP-OUTPUT | key 3600 3 |
| SUPER | key RN 102, COND 46, WINDOC 41 |
| SUSPEND | key 3600 5 |
| SYMBOL | key 3600 5 |
| SYSTEM | key 3600 5 |
| TERMINAL | key 3600 5 |
| TOP | key 3600 5 |

- TRIANGLE key 3600 5
- SELECT key LMS
- Set Key (m-X) TOOLS 59
- Set Key (m-X) Zmacs command ZMACS 191
- Key Bindings ZMACS 191
- Assign key bindings ZMACS 192
- Command key bindings ZMACS 12
- Extended command key bindings ZMACS 36
- Using the CONTROL key in horizontal scrolling FED 25
- Using the META key in horizontal scrolling FED 25
- HELP key in the Debugger 26 LMS
- HELP key in the FEP 7 LMS
- Using the RETURN key in the minibuffer ZMACS 41
- Supdup Key Mappings 3600 8
- New SELECT Key Options LMS 35
- Using the CONTROL key while drawing characters FED 11
- Using the META key while drawing characters FED 11
- Using the HELP key with completion ZMACS 44
- Using the RESUME key with floating point conditions COND 55
- Using the ESCAPE key with the Input Editor INED 15
- Using the SELECT key with windows LMS 15
- tv: **key-state** function WINDOC 41, 75
- tv: **key-test** function WINDOC 76
- FUNCTION Key: Display and Hardcopy Commands LMS 38
- FUNCTION Key: Recovering From Stuck States LMS 41
- FUNCTION Key: Selection and Notification Commands LMS 39
- Keyboard ZMAILC 17, NETIO 109
- Keyboard 3600 5
- Major Changes in the Reading characters from the The 3600 keyboard WINDOC 19, 41
- Keyboard 3600 3
- Keyboard as random access device WINDOC 75
- Keyboard changes 3600 3
- Keyboard character STR 3
- Put keyboard character in output STR 25
- Menu and Keyboard Commands FED 29
- Keyboard communication NETIO 7
- Changes to the Encoding **:keyboard** event RN 95, PROC 6
- Forcing Keyboard in Release 5.0 LMS 35
- keyboard input STR 3
- keyboard input WINDOC 19
- Keyboard keys RN 1
- Keyboard macros TOOLS 59
- Creating New Commands: Keyboard Macros ZMACS 183
- Sort Via Keyboard Macros ZMACS 186
- Sort Via Keyboard Macros (m-X) Zmacs command ZMACS 100
- :keyboard** option for **si:sb-on** RN 95, PROC 6
- Keyboard pane WINDEX 30
- Keyboard process WINDOC 41
- Keyboard sequence break RN 95, PROC 6
- Keyboard under window system control WINDOC 1
- Keyboard-only Commands FED 31
- :keyboard-process** option WINDOC 52
- Keyboard: Using the Window System WINDOC 75
- The keys 3600 3
- Hash table keys PRIM 42
- Introduction: Index of Function Keys LMS 37
- Keyboard keys RN 1
- Mouse-sensitive keys WINDEX 6
- Objects as hash table keys PRIM 42
- Renamed Keys 3600 5
- Roman numeral keys 3600 3
- Shift keys ZMACS 5
- Special Keys COND 46
- Symbolic names of shift keys WINDOC 75
- Trees as hash table keys PRIM 42
- Special function keys character representation STR 3
- Keys Not Currently Used LMS 43

- LM-2
- Index of Function
- Customizing Debugger
- Displaying previous
- List the last sixty
- :*comtab***
- :documentation**
- :function** list item
- :optional**
- :pre-process-function** list item
- :spread**
- :wild**
- always**
- append**
- appending**
- &aux**
- &aux** lambda-list
- &body** lambda-list
- collect**
- collecting**
- count**
- counting**
- do**
- doing**
- else**
- &eval** lambda-list
- finally**
- fixnum** data-type
- flonum** data-type
- for**
- &functional**
- &functional** lambda-list
- if**
- index**
- initially**
- integer** data-type
- its**
- &list-of** lambda-list
- &local** lambda-list
- loop**
- maximize**
- minimize**
- named**
- nconc**
- nconcing**
- never**
- nodeclare**
- notype** data-type
- number** data-type
- &optional**
- &optional** lambda-list
- "e**
- "e** lambda-list
- &rest**
- &rest** lambda-list
- return**
- small-flonum** data-type
- &special** lambda-list
- sum**
- summing**
- thereis**
- unless**
- until**
- when**
- while**
- with**
- Keys Not Used by Standard Software 3600 5
- Keys That Do Not Exist on the 3600 3600 3
- Keys: Lisp Machine Summary 3600 Edition LMS 37
- Keystrokes ZMACS 4
- keystrokes COND 46
- keystrokes ZMACS 36
- keystrokes ZMACS 36
- keyword MISCUI 23
- keyword MENUS 69
- keyword SCROLL 11
- keyword EVAL 19
- keyword SCROLL 11
- keyword EVAL 19
- keyword FILE 19
- keyword FLOW 45
- keyword FLOW 42
- keyword FLOW 42
- keyword DEFS 16
- keyword FUNC 14
- keyword FUNC 14
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 45
- keyword FUNC 14
- keyword FLOW 42
- keyword FLOW 48
- keyword FLOW 48
- keyword FLOW 37
- keyword EVAL 20
- keyword FUNC 14
- keyword FLOW 45
- keyword FLOW 52, 55
- keyword FLOW 42
- keyword FLOW 48
- keyword FLOW 52
- keyword FUNC 14
- keyword FUNC 14
- keyword FLOW 49
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 47
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 45
- keyword FLOW 40
- keyword FLOW 48
- keyword FLOW 48
- keyword EVAL 11, DEFS 16
- keyword FUNC 14
- keyword FUNC 7
- keyword FUNC 14
- keyword EVAL 11, DEFS 16, 23
- keyword FUNC 14
- keyword FLOW 47
- keyword FLOW 48
- keyword FUNC 14
- keyword FLOW 42
- keyword FLOW 42
- keyword FLOW 45
- keyword FLOW 45
- keyword FLOW 44
- keyword FLOW 45
- keyword FLOW 44
- keyword FLOW 44
- keyword FLOW 40

- Keyword comparisons FLOW 56
 - Keyword filters ZMAILC 8
 - keyword for block disk stream messages INT 79
 - keyword for **defmacro** MAC 31
 - keyword for **defmacro** MAC 31
 - keyword for **defmacro** MAC 31
 - keyword for **defmacro** MAC 31
 - keyword for **defmacro** MAC 31
 - keyword for **defmacro** MAC 31
 - keyword for **make-list** PRIM 23
 - keyword for **make-list** PRIM 23
 - keyword for **terminal-f-argument** attribute PROT 18
 - keyword for **terminal-f-argument** attribute PROT 5
 - keyword for **terminal-f-argument** attribute PROT 19
 - keyword for **terminal-f-argument** attribute PROT 18
 - keyword for **terminal-f-argument** attribute PROT 19
 - Keyword hints ZMAILC 31
 - keyword identifier PKG 9
 - Keyword Options MISCUI 20
 - keyword** package RN 1, 6, PKG 49
 - Keyword package FLAV 11
 - keyword** package symbols RN 7
 - keyword** packages with the same names RN 7
 - Keyword parameters EVAL 11
 - Keyword Property MENUS 69
 - keyword symbol PROT 27
 - Keyword symbols EVAL 11
 - Keyword Symbols Are Self-evaluating RN 13
 - keyword to **si:*hardcopy-default-fonts*** HARD 7
 - keyword to **si:*hardcopy-default-fonts*** HARD 7
 - keyword-extract** special form EVAL 11, FLOW 19
 - keyword-list** option for **prompt-and-read** RN 85, MISCUI 13
 - keyword-list** variable type MENUS 59
 - Keyword-setting commands ZMAILC 25
 - Keywords PKG 9, ZMAILC 3, 5, 35
 - keywords EVAL 11, FUNC 14
 - keywords FLAV 13
 - Keywords FUNC 14
 - keywords MAINT 13
 - keywords ZMAILT 3
 - Keywords RN 76
 - keywords DEFS 30
 - keywords PRIM 39
 - keywords ZMAILC 30
 - Keywords ZMAILC 26
 - Keywords ZMAILC 25
 - keywords MAINT 17
 - keywords (for flavors) TOOLS 133
 - Keywords in argument lists FLOW 15
 - Keywords menu item ZMAILC 25
 - keywords** option for **defstruct-define-type** DEFS 30
 - keywords to initialization functions INIT 1
 - Keywords to **make-system** MAINT 21
 - keywords to messages ZMAILC 25
 - Keywords, Mail Collections, and Mail Files ZMAILC 31
 - [Keywords] Map over menu item ZMAILC 30
 - [Keywords] Profile Mode menu item ZMAILC 25, 26, 27
 - [Keywords] Zmail menu item ZMAILC 8, 25
 - Kill ZMACS 65
 - Kill (m-X) Zmacs command ZMACS 92
 - Kill Backward Up List (c-m-X) Zmacs command ZMACS 69
 - Kill Buffer ZMACS 110
 - Kill commands ZMACS 25
 - Kill Comment ZMACS 157
- :hang-p**
 - &aux**
 - &body**
 - &list-of**
 - &optional**
 - &rest**
 - :area**
 - :initial-value**
 - descriptor-file**
 - name**
 - primary-name-server**
 - search-rules**
 - secondary-name-server**
 - :** character as
- Symbols in **global** and
- Adding a Type
- :***
 - :default-font**
 - :header-font**
- &**
 - Initialization
 - Lambda-list
 - make-system**
 - Message
 - New Choose-variable-values
 - Programmer-defined
 - Property list
 - Removing
 - Saving
 - Setting
 - Using the **:version** and **:update-directory**
 - Init
 - [New]
 - Adding new
 - Adding New
 - Adding
 - Hints for Using
 - Append Next
 - Query Replace Last

Kill Comment (c-m-;) TOOLS 22
 c-m-; (Kill Comment) TOOLS 22
 Kill history INED 3, 5, ZMACS 33, 65
 Global kill history RN 22
 Input Editor kill history INED 15
 Yank from global kill history INED 7
 Yanking in the kill history ZMACS 13
 Zwei kill history INED 15
 Kill Line ZMACS 25, 71
 :kill method of **si:process** PROC 19
 :kill option for **zwei:open-editor-stream** MISCUI 20
 :kill option for **zwei:with-editor-stream** MISCUI 20
 Kill Or Save Buffers (m-X) Zmacs command ZMACS 110
 Kill Region ZMACS 25, 82
 Kill Sentence ZMACS 25, 72
 Backward Kill Sentence ZMACS 25, 72
 Kill Sexp ZMACS 25, 69
 Backward Kill Sexp ZMACS 25, 69
 Kill Sexp (c-m-K) TOOLS 57
 Backward Kill Sexp (c-m-RUBOUT) TOOLS 57
 c-m-K (Kill Sexp) TOOLS 57
 c-m-RUBOUT (Backward Kill Sexp) TOOLS 57
 Kill Some Buffers (m-X) Zmacs command ZMACS 110
 Kill Word ZMACS 25, 68
 Backward Kill Word ZMACS 25, 68
 Deleting vs. Killing ZMACS 62
 Killing mail buffers ZMAILC 30
 Killing mail collections ZMAILC 30
 Killing text TOOLS 55
 Saving, Expunging, Killing, and Renaming ZMAILC 30
 [Kill] Zmail menu item ZMAILC 30
 Kinds of Functions FUNC 7
 Other Kinds of Functions FUNC 11
 Known problem with **si:gc-reclaim-immediately** RN 148
 Known problem: **char-upcase** and **char-downcase** undefined for modified characters RN 145
fs: *known-types* variable FILE 15

L

L

L

SELECT L ZMACS 30
 NETWORK L command RN 114
 SELECT L command ZMAILT 24
 L exponent identifier RN 17
 λ prefix STR 3
 c-X L Zmacs command ZMACS 38
 HELP L Zmacs command ZMACS 12, 36
 L Zmail command ZMAILC 25
 Sys: l-ucode; logical directory FILE 73
 L2:Move to point mouse click ZMACS 49
 L:Move point mouse click ZMACS 49
 Disk label SIG 39
 Manipulating the Label SITE 17
 Printing or Changing the Label SIG 41
 Label and Partition Operations SIG 41
 Label and Use of General List Items MENUS 24
 Disk label comments FILE 72
 Disk label information NETIO 6, 13
 :label init option for
 tv:choose-variable-values MENUS 62
 :label init option for **tv:label-mixin** WINDOC 85
 :label init option for **tv:menu** MENUS 22, 99
 :label-mixin WINDOC 85
 :label-mixin WINDOC 86
 :label init option for **tv:**
 :label-size method of **tv:**

- :set-label** method of **tv:**
- tv:**
- Margins, Borders, and [Print Disk]
 - label-mixin** WINDOC 86
 - label-mixin** flavor WINDOC 85, WINDEX 6
 - :label-size** method of **tv:label-mixin** WINDOC 86
 - Labels WINDOC 19, 83
 - Labels WINDOC 83
 - Label] File System Maintenance menu item SITE 1
 - Lambda PRIM 103
 - lambda** expression COMP 6
 - Lambda expression as line item entry SCROLL 6
 - Lambda functions FUNC 9
 - lambda** list FUNC 16, 22
 - Lambda list EVAL 11
 - lambda lists EVAL 11
 - Lambda Macros MAC 3
 - Lambda symbol EVAL 11
 - Lambda-binding EVAL 3, FUNC 31
 - Lambda-binding Subprimitive INT 22
 - Lambda-expression EVAL 11
 - Lambda-list FUNC 9
 - &aux** lambda-list keyword FUNC 14
 - &body** lambda-list keyword FUNC 14
 - &eval** lambda-list keyword FUNC 14
 - &functional** lambda-list keyword FUNC 14
 - &list-of** lambda-list keyword FUNC 14
 - &local** lambda-list keyword FUNC 14
 - &optional** lambda-list keyword FUNC 14
 - "e** lambda-list keyword FUNC 14
 - &rest** lambda-list keyword FUNC 14
 - &special** lambda-list keyword FUNC 14
 - Lambda-list Keywords FUNC 14
 - lambda-list parameters EVAL 11
 - lambda-list-keywords** symbol EVAL 11
 - lambda-list-keywords** variable FUNC 15
 - lambda-macro** special form MAC 3
 - language WINDOC 87, 93
 - language RN 1
 - Language (LM-2) INT 37
 - Language (LM-2) INT 37
 - language address field INT 37
 - Language and Compiler in Release 5.0 RN 5
 - language comment field INT 37
 - language destination field INT 37
 - Language for the 3600 3600 14
 - language instruction address INT 37
 - language instruction field INT 37
 - language instructions INT 37
 - language miscellaneous instructions INT 37
 - language package PKG 49
 - Large Deletions ZMACS 33
 - last command ZMACS 32
 - last expunged indicator FSED 5
 - last** function PRIM 22
 - Last Kbd Macro ZMACS 184
 - Last Kbd Macro (c-X E) TOOLS 59
 - Last Kbd Macro (m-X) TOOLS 59
 - Last Kbd Macro (m-X) Zmacs command ZMACS 185
 - Last Kbd Macro) TOOLS 59
 - Last Kill (m-X) Zmacs command ZMACS 92
 - Last message ZMAILT 13
 - Last message property ZMAILT 3
 - Last Minibuffer Command ZMACS 41, 64
 - last sixty commands ZMACS 36
 - last sixty keystrokes ZMACS 36
 - latency INT 76
 - latency INT 79
 - latency for transfers INT 76
 - Latest sources TAPE 15
 - :latest** symbol in **make-system :version**
- Variables in
 - &aux**
 - &body**
 - &eval**
 - &functional**
 - &list-of**
 - &local**
 - &optional**
 - "e**
 - &rest**
 - &special**
- Default forms of
 - lambda-list keywords symbol EVAL 11
 - lambda-list keywords variable FUNC 15
 - lambda-macro special form MAC 3
- Constraint
 - Lisp
- How to Read Assembly
- Introduction: How to Read Assembly
 - Assembly
 - Changes to the Lisp
 - Assembly
 - Assembly
 - Assembly
 - Assembly
 - Assembly
 - Assembly
 - Format of assembly
 - Assembly
 - Lisp
- Cancel
- X- date directory
 - Call
 - Call
 - Name
 - Name
 - c-X E (Call
 - Query Replace
- Repeat
- List the
- List the
 - Disk
- Reducing disk
 - Minimum disk

- option MAINT 13
- Storage Layout Changes 3600 25
- Storage Layout Definitions INT 20
- Lbus clock 3600 24
- Lbus resetting NETIO 7
- Memory Board Not Needed in Lbus Slot 0 RN 136
- sys:** **ld-alloc** function 3600 18
- sys:** **ld-aref** function 3600 18
- sys:** **ld-aset** function 3600 18
- ldb** function PRIM 79
- ldb-test** function PRIM 79
- ldiff** function PRIM 27
- Array leader ARR 4, 7, 13
- Packets with array leader PROT 67
- :leader** global line attribute SCROLL 11
- Array leader of a font WINDOC 59
- :leader-length** option for **make-array** ARR 7
- :leader-list** option for **make-array** ARR 7
- Line Item Array Leaders SCROLL 11
- Trim leading and trailing white space RN 62, PRIM 111
- time:** **leap-year-p** function MISCUI 7
- Least bits PRIM 78
- Leave option to Tape when done dump parameter SITE 5
- Entering and Leaving FED FED 3
- Leaving Mail Mode ZMAILT 46
- Leaving Zmacs ZMACS 30
- Left edge of menu MENUS 100
- :left** init option for **tv:menu** MENUS 99
- :left** init option for **tv:sheet** WINDOC 77
- Left justify STR 39
- Left kern WINDOC 58, 61
- Binary left shift RN 17
- :left-margin-size** method of **tv:sheet** WINDEX 41
- Unplugging Lemo Cables Should Not Halt the FEP RN 137
- History length INED 3, 17
- :length** FEP file property INT 74
- length** function PRIM 19
- :length** message STR 76
- Length of **:function** line item SCROLL 6
- Length of **:syneval** line item SCROLL 6
- :length-in-blocks** file property STR 79
- :length-in-bytes** file property STR 79
- Less Common FEP Commands NETIO 7
- lessp** function PRIM 66
- Query Replace Let Binding (m-X) Zmacs command ZMACS 92
- let** special form EVAL 6, COMP 6, INT 22
- let*** special form EVAL 6, COMP 6
- let-closed** special form FUNC 35
- let-globally** special form PRIM 55, EVAL 7
- let-globally-if** macro EVAL 7
- let-if** special form EVAL 7, INT 22
- Lowercase letter ARR 26
- Message status letter ZMAILT 3
- Uppercase letter ARR 26
- Upper and Lowercase Letters ARR 26
- Abort At Top Level ZMACS 32
- Functions and Variables at Lisp Top Level LMS 20
- Patch level RN 70, MAINT 30
- Point motion along nesting level ZMACS 54
- The Lisp Top Level MISCF 7
- Top level functions and variables LMS 20
- How to Choose Process Priority Levels PROC 26
- Point motion between nesting levels ZMACS 54
- Lexpr Maclisp type FUNC 11
- *lexpr** special form COMP 10
- sys:** **lexpr-alloc** function 3600 18
- sys:** **lexpr-aref** function 3600 18

- sys:**
 - lexpr-aset** function 3600 18
 - lexpr-continue-whopper** function FLAV 28
 - lexpr-funcall** function 3600 18, EVAL 18, INT 21, 49
 - lexpr-funcall** on arrays 3600 18
 - lexpr-funcall-self** function FLAV 34
 - lexpr-send** function EVAL 18, FLAV 15
 - Lexprs EVAL 11, 17
 - If PRIM 103
 - lgp** value of **format** printer attribute HARD 5
 - lgp** value of **type** printer attribute HARD 5
 - lgp:basic-lgp-stream** TOOLS 115
 - lgp:basic-lgp-stream** TOOLS 115
 - lgp:basic-lgp-stream** flavor TOOLS 114, 115, TOOLS 114, 115
 - lgp:basic-lgp-stream** methods TOOLS
 - :limit** clause WINDOC 93
 - line** PRIM 103
 - LINE LMS 41
 - Line ZMACS 23, 57
 - line ZMACS 20
 - Line ZMACS 150
 - line RN 113
 - Line LMS 34
 - Line ZMACS 56
 - line WINDOC 28
 - line RN 44, WINDOC 28
 - Line ZMACS 158
 - Line ZMACS 23, 56, 136
 - line FED 29
 - Line ZMACS 23, 57
 - line WINDOC 28
 - line ZMACS 71
 - line RN 44, WINDOC 28
 - FUNCTION 2 W displays current process name in status
 - line RN 148
 - Indent New Line ZMACS 151
 - Indent New Comment Line ZMACS 158
 - Kill Line ZMACS 25, 71
 - Mode line ZMACS 17, ZMAILT 3, 6, ZMAILC 5
 - Mouse documentation line LMS 10, 12, ZMACS 49, WINDOC 73, MENUS 7, 59, ZMAILT 23, ZMAILC 5, 10, 17, 25
 - Move cursor to beginning of line ZMACS 48
 - Move To Specified Line ZMACS 48
 - Second Mode Line ZMAILT 7
 - Split Line ZMACS 153
 - Starting a New Line ZMACS 20
 - Status line LMS 10, WINDOC 19, SCROLL 9
 - Up Comment Line ZMACS 158
 - Up Real Line ZMACS 23, 56, 136
 - LINE (Indent New Line) TOOLS 23
 - Line (LINE) TOOLS 23
 - Indent New Comment Line (m-LINE) TOOLS 23
 - Down Comment Line (m-N) TOOLS 23
 - Up Comment Line (m-P) TOOLS 23
 - :leader** global line attribute SCROLL 11
 - :mouse** global line attribute SCROLL 9
 - :mouse-self** global line attribute SCROLL 9
 - Global line attributes SCROLL 5
 - Exclamation point (!) line continuation indicator ZMACS 20, 46
 - Mouse line documentation MENUS 11
 - Status line documentation FED 25
 - Line height WINDOC 23, 58, 77
 - Length of **:function** line item SCROLL 6
 - Length of **:symeval** line item SCROLL 6
 - Width of **:function** line item SCROLL 6
 - Width of **:symeval** line item SCROLL 6
 - Line Item Array Leaders SCROLL 11
 - Line item entries SCROLL 5, 6
- lexpr-aset function 3600 18
- lexpr-continue-whopper function FLAV 28
- lexpr-funcall function 3600 18, EVAL 18, INT 21, 49
- lexpr-funcall on arrays 3600 18
- lexpr-funcall-self function FLAV 34
- lexpr-send function EVAL 18, FLAV 15
- Lexprs EVAL 11, 17
- If PRIM 103
- lgp value of format printer attribute HARD 5
- lgp value of type printer attribute HARD 5
- lgp:basic-lgp-stream TOOLS 115
- lgp:basic-lgp-stream TOOLS 115
- lgp:basic-lgp-stream flavor TOOLS 114, 115, TOOLS 114, 115
- lgp:basic-lgp-stream methods TOOLS
- :limit clause WINDOC 93
- line PRIM 103
- LINE LMS 41
- Line ZMACS 23, 57
- line ZMACS 20
- Line ZMACS 150
- line RN 113
- Line LMS 34
- Line ZMACS 56
- line WINDOC 28
- line RN 44, WINDOC 28
- Line ZMACS 158
- Line ZMACS 23, 56, 136
- line FED 29
- Line ZMACS 23, 57
- line WINDOC 28
- line ZMACS 71
- line RN 44, WINDOC 28
- FUNCTION 2 W displays current process name in status
 - line RN 148
- Indent New Line ZMACS 151
- Indent New Comment Line ZMACS 158
- Kill Line ZMACS 25, 71
- Mode line ZMACS 17, ZMAILT 3, 6, ZMAILC 5
- Mouse documentation line LMS 10, 12, ZMACS 49, WINDOC 73, MENUS 7, 59, ZMAILT 23, ZMAILC 5, 10, 17, 25
- Move cursor to beginning of line ZMACS 48
- Move To Specified Line ZMACS 48
- Second Mode Line ZMAILT 7
- Split Line ZMACS 153
- Starting a New Line ZMACS 20
- Status line LMS 10, WINDOC 19, SCROLL 9
- Up Comment Line ZMACS 158
- Up Real Line ZMACS 23, 56, 136
- LINE (Indent New Line) TOOLS 23
- Line (LINE) TOOLS 23
- Indent New Comment Line (m-LINE) TOOLS 23
- Down Comment Line (m-N) TOOLS 23
- Up Comment Line (m-P) TOOLS 23
- :leader global line attribute SCROLL 11
- :mouse global line attribute SCROLL 9
- :mouse-self global line attribute SCROLL 9
- Global line attributes SCROLL 5
- Exclamation point (!) line continuation indicator ZMACS 20, 46
- Mouse line documentation MENUS 11
- Status line documentation FED 25
- Line height WINDOC 23, 58, 77
- Length of :function line item SCROLL 6
- Length of :symeval line item SCROLL 6
- Width of :function line item SCROLL 6
- Width of :symeval line item SCROLL 6
- Line Item Array Leaders SCROLL 11
- Line item entries SCROLL 5, 6

| | | |
|--------------------------------------|--|---------------------------|
| :function | line item entry | SCROLL 6 |
| :string | line item entry | SCROLL 6 |
| :symeval | line item entry | SCROLL 6 |
| :value | line item entry | SCROLL 6 |
| Compiled object code as | line item entry | SCROLL 6 |
| Lambda expression as | line item entry | SCROLL 6 |
| Named-lambda expression as | line item entry | SCROLL 6 |
| Symbol | line item entry | SCROLL 6 |
| :mouse | line item entry attribute | SCROLL 9 |
| :mouse-item | line item entry attribute | SCROLL 9 |
| | Line items | SCROLL 3 |
| Constructing | Line items | SCROLL 5 |
| Mouse sensitivity and | line items | SCROLL 9 |
| [Append] Message Summary | Line menu item | ZMAILC 21 |
| [Filter] Message Summary | Line menu item | ZMAILC 28 |
| | Line region | MISCT 1 |
| | LINE Zmacs command | ZMACS 151 |
| Indent New Line | (LINE) TOOLS | 23 |
| LINE (Indent New | Line) | TOOLS 23 |
| m-LINE (Indent New Comment | Line) | TOOLS 23 |
| m-N (Down Comment | Line) | TOOLS 23 |
| m-P (Up Comment | Line) | TOOLS 23 |
| | :line-in message | STR 13 |
| | :line-in method of tv:stream-mixin | WINDOC 45 |
| | :line-out message | STR 12 |
| | :line-out method of tv:stream-mixin | WINDOC 27 |
| | line-truncating-mixin flavor | WINDOC 32 |
| tv: | Linear Equations | ARR 19 |
| Matrices and Systems of | linear equations | ARR 19 |
| Simultaneous | Lines | ZMACS 26, 153 |
| Delete Blank | Lines | ZMACS 71 |
| Deleting and Transposing | Lines | ZMACS 71 |
| Exchange | lines | ZMACS 20 |
| Merging | lines | RN 102, WINDOC 23, 32, 34 |
| Truncating | Lines | ZMACS 46 |
| Wraparound | Lines | ZMACS 20 |
| Wrapping | Lines (m-X) | TOOLS 53 |
| List Matching | Lines (m-X) Zmacs command | ZMACS 100 |
| Sort | Lines and Curves | FED 20 |
| Drawing | lines in menu | MENUS 22, 100 |
| Vertical spacing between | Lines Mean | FED 13 |
| What the | Lines Page | ZMACS 38 |
| Count | Lines Region | ZMACS 38 |
| Count | Lines Zmail display column heading | ZMALT 3 |
| | [Line] Font Editor menu item | FED 20, 29 |
| [Draw | Link | ZMACS 122 |
| Create | Link (m-X) Zmacs command | ZMACS 122 |
| Create | link indicator in directory listings | FSED 5 |
| => | Link Transparencies] File System Editor menu | item FSED 1 |
| [Edit | fs: link-target-not-found flavor | COND 68 |
| | Links | FILE 64 |
| | Links | RN 120 |
| LMFS Now Supports Directory | [Link] File System Editor menu item | FSED 1 |
| [Create | Changes to Readtable, Reader, and Printer for Common | Lisp RN 16 |
| | Common | Lisp RN 1 |
| | Continue Command Sends an All-keys-up Character to | Lisp RN 137 |
| | Entering | Lisp ZMACS 30 |
| Generic Operations in | Lisp | FLAV 11 |
| Graphic | Lisp | WINDEX 73 |
| h-c-upper-left stops execution of | Lisp | RN 133 |
| indent for | Lisp | ZMACS 150 |
| Introduction: Graphic | Lisp | WINDEX 74 |
| Source Code: Graphic | Lisp | WINDEX 79 |
| Zmacs commands for finding out about | Lisp | ZMACS 201 |
| Zmacs commands for interacting with | Lisp | ZMACS 202 |

- Indent For Lisp (TAB or c-m-TAB) TOOLS 23
- :lisp canonical type RN 34, FILE 54
- Formatting Lisp Code STR 42
- Auto Fill Lisp Comments Mode (c-m-X) Zmacs command ZMACS 180
- Common Lisp Compatibility Package PKG 49
- Lisp compiler 3600 13
- Lisp Data Types PROT 26
- Lisp environment LMS 18
- Garbage collect entire Lisp environment STOR 8
- Introduction to the Lisp Environment LMS 18
- Lisp environment features list MISCF 17
- Lisp Errors COND 53
- Cursor Motion by Lisp Expression ZMACS 53
- Mark Lisp expression ZMACS 80
- Deleting and Transposing Lisp Expressions ZMACS 69
- Reader Accepts Common Lisp Floating Point Exponents RN 17
- Evaluate a Lisp form RN 116
- Macros expanded to Lisp functions MAC 3
- Microcoded Lisp functions INT 44
- Adding patches to Lisp image SITE 20
- Improvements to Lisp in Release 5.0 RN 77
- Incompatible Changes to Lisp in Release 5.0 RN 5
- New Features in Lisp in Release 5.0 RN 44
- Lisp input editing TOOLS 70
- c-C Lisp input editor command TOOLS 71
- m-C Lisp input editor command TOOLS 71
- Lisp input editor commands TOOLS
- Lisp instruction set 3600 13
- Lisp language RN 1
- Changes to the Lisp Language and Compiler in Release 5.0 RN 5
- Lisp language package PKG 49
- (fed) Lisp Listener command FED 3
- (zmail) Lisp Listener command ZMAILT 17
- (zmail 'reload) Lisp Listener command ZMAILT 24
- Lisp Machine Character Set STR 3
- Lisp Machine File System FILE 57
- Introduction: Lisp Machine File System FILE 57
- LMFS (Lisp Machine File System) FILE 72
- Lisp Machine generic hardcopy system HARD 1
- The Lisp Machine Generic Network System PROT 35
- Lisp Machine hardcopy facilities HARD 1
- The Lisp Machine Implementation NETIO 84
- Lisp Machine Implementation Packet Input and Output NETIO 89
- Lisp Machine Implementation Stream Input and Output NETIO 88
- Lisp Machine Namespace Server Files PROT 21
- Lisp Machine pathname system PROT 53
- Lisp Machine Software Interface PROT 26
- Lisp Machine Summary 3600 Edition LMS 37
- Lisp Machine Virtual Memory FILE 72
- Index of Function Keys: Lisp Machines at site CONV 4, NETIO 85
- Sending message to all Lisp Machines At the Site SIG 20
- Moving the New Release to Other Lisp mode ZMACS 18, 144, 156
- Lisp Mode (m-X) TOOLS 12
- Lisp Mode (m-X) Zmacs command ZMACS 156
- LISP pathname type abbreviation FILE 44
- Errors Involving Lisp Printed Representations COND 63
- Errors Inside Lisp printer COND 63
- Editing Lisp Programs ZMACS 155
- Lisp reader NOTA 1
- Comments for Lisp reader RN 83
- Common Lisp readtable RN 83, PRIM 99
- h-c-upper-left waits for Lisp to stop itself RN 140
- Functions and Variables at Lisp Top Level LMS 20
- The Lisp Top Level MISCF 7
- *fs.file-type-mode-allst* Lisp variable ZMACS 182

- zwei:*major-mode-translations*** Lisp variable ZMACS 182
[Lisp Window] File System Maintenance menu
item SITE 1
- Poking Around in the Lisp World MISCF 1
- Save current Lisp world SIG 28, SITE 20
- c-m-TAB (Indent For Lisp) TOOLS 23
- TAB (Indent For Lisp) TOOLS 23
- lisp-crash-list** variable MISCF 9
- tv:** **lisp-listener** flavor WINDOC 21
- lisp-reinitialize** function MISCF 7
- si:** **lisp-top-level** function MISCF 7
- si:** **lisp-top-level1** function MISCF 7
- lispm-finger** Service PROT 56
- lispm-name:** user object attribute PROT 10
- AI: LISPM; DEFMIC > file INT 44
- List PRIM 1, 11, STOR 1
- :before-cold** initialization list INIT 5
- :cold** initialization list INIT 5
- :disable-services** initialization list INIT 5
- :enable-services** initialization list INIT 5
- :login** initialization list INIT 5
- :logout** initialization list INIT 5
- :once** initialization list INIT 5
- :system** initialization list INIT 5
- :warm** initialization list INIT 5
- Argument Descriptor List INT 47
- Association list ARR 4
- Attribute list ZMACS 125
- Backward List ZMACS 53, 54
- Backward Up List ZMACS 55
- Bands List TAPE 14
- BUG-LISPM mailing list COND 44
- Circular list PRIM 11
- Command List FED 29
- Cons as property list PRIM 39
- Describe Attribute List ZMACS 136
- Dired Describe Attribute List ZMACS 136
- Disembodied property list PRIM 39
- Display argument list ZMACS 37
- Dotted list PRIM 11, 93
- Down List ZMACS 54
- File attribute list PKG 13, STR 72
- Forward List ZMACS 53
- Forward Up List ZMACS 55
- History list INED 1, ZMACS 13
- I/O buffer property list WINDOC 41
- Initialization list INIT 1
- Inserting elements into list MAC 38
- Inspecting a list MISCT 3
- lambda** list FUNC 16, 22
- Lambda list EVAL 11
- Lisp environment features list MISCF 17
- Major-mode-setting Commands Now Query About Updating File Attribute
List RN 126
- Memory cell as property list PRIM 39
- Ordering list WINDOC 93
- Parser for file attribute list STR 72
- Property list PRIM 1, 39
- Push-down List INT 37
- Removing elements from list MAC 38
- Structure property list DEFS 7
- Symbol associated with property list PRIM 39
- Systems List TAPE 15, 16
- The Property List PRIM 56
- Transmit list PROT 68
- Updating menu item list MENUS 35
- Kill Backward Up List (c-m-X) Zmacs command ZMACS 69
- Reparse Attribute List (m-X) TOOLS 11

- Update Attribute List (m-X) TOOLS 11
- Reparse Attribute List (m-X) Zmacs command ZMACS 125, 127
- Update Attribute List (m-X) Zmacs command ZMACS 125
- List all supported servers PROT 83
- art-q** **list** array ARR 4
- tv:momentary-menu** Example 2: Item List as Init-plist Option MENUS 24
- List as menu item MENUS 9
- List as pattern in dummy description WINDOC 93
- List Buffers ZMACS 106
- List Buffers (c-X c-B) Zmacs command RN 125
- List Buffers Zmacs command ZMACS 103
- List Callers (m-X) TOOLS 34, 40
- Multiple List Callers (m-X) TOOLS 40
- List Callers (m-X) Zmacs command MISCF 1, ZMACS 170
- Multiple List Callers (m-X) Zmacs command ZMACS 171
- List Changed Definitions (m-X) TOOLS 52
- List Changed Definitions Of Buffer (m-X) TOOLS 52
- List Changed Definitions of Buffer (m-X) Zmacs command ZMACS 169
- List Chaosnet connections NETIO 77
- List Combined Methods (m-X) TOOLS 133
- List Combined Methods (m-X) Zmacs command FLAV 63
- List Completions ZMACS 44
- List contents of a directory ZMACS 119
- List Definitions (m-X) Zmacs command ZMACS 168
- List elements PRIM 11
- Maximum number of list elements to be printed PRIM 92
- Using the mouse with List Files ZMACS 119
- List Files (m-X) Zmacs command ZMACS 119
- List Fonts (m-X) Zmacs command WINDOC 58
- The List Fonts and Show Font Displays FED 33
- Using the mouse with [List Fonts] Font Editor menu item FED 8, 30
- [List Fonts] Font Editor menu item FED 33
- list** function PRIM 22, 29, SCROLL 11
- Property list indicators PRIM 39
- :function** list item keyword SCROLL 11
- :pre-process-function** list item keyword SCROLL 11
- List item plist SCROLL 3, 11
- List items SCROLL 3
- Applying functions to list items FLOW 31
- Constructing List Items SCROLL 11
- tv:momentary-menu** Example 3: Centered Label and Use of General List Items MENUS 24
- Updating list items SCROLL 13
- List iteration FLOW 19
- Property list keywords PRIM 39
- Virtual List Maintenance SCROLL 13
- List Matching Lines (m-X) TOOLS 53
- List Matching Symbols (m-X) TOOLS 35
- Dynamic Item List Menus MENUS 2, 35
- Instantiable Dynamic Item List Menus MENUS 36
- Property List Messages FLAV 65
- :list** method combination type FLAV 49
- List Methods (m-X) Zmacs command FLAV 63
- List Methods (m-X) TOOLS 132
- Dynamic Item List Mixins MENUS 35
- List of Choice Facilities MENUS 2
- Argument list of currently running stack group INT 27
- Saving a List of Mail Files ZMAILC 28
- List of Zmail commands ZMAILT 23
- Bands List pane TAPE 14
- Systems List pane TAPE 15
- :list** returned by **typep** PRIM 5
- Property list storage area STOR 5
- Alteration of List Structure PRIM 27
- Backquote constructing list structure NOTA 1

- Manipulating
 - List Structure PRIM 11
 - List structure type DEFS 7
 - :list symbol in :type option to **defstruct** DEFS 7
 - List Tag Tables (m-X) Zmacs command ZMACS 95
 - List Tape option to Operation Wanted
 - [Reload/Retrieve] parameter SITE 10
 - List the last sixty commands ZMACS 36
 - List the last sixty keystrokes ZMACS 36
 - List valid init-options for flavor STR 67
- Property
 - list values PRIM 39
 - List Variables (m-X) Zmacs command ZMACS 193
- The "General List" Form of Item MENUS 10
- list*** function PRIM 22, 29
- list*-in-area** function PRIM 23
- math:**
 - list-2d-array** function ARR 20
 - list-array-leader** function ARR 17
 - :list-choices** option for **fquery** MISCUI 10
- meter:**
 - list-functions-in-bucket** function RN 51, INT 86
 - list-in-area** function PRIM 22, 29
- Flavors **tv:**
 - list-mouse-buttons-mixin** and **tv:kbd-mouse-buttons-mixin** obsolete RN 42
 - tv:**
 - list-mouse-buttons-mixin** flavor RN 42, TOOLS 120, TOOLS 120
 - &list-of** keyword for **defmacro** MAC 31
 - &list-of** lambda-list keyword FUNC 14
 - :list-tyl** method of **tv:stream-mixin** RN 41, WINDOC 44
- Changes to **:tyl**, **:tyl-no-hang**,
 - :list-tyl**, **:mouse-or-kbd-tyl**, and **:mouse-or-kbd-tyl-no-hang** methods of **tv:stream-mixin** RN 40
- tv:**
 - list-tyl-mixin** flavor RN 40
- Flavors **tv:any-tyl-mixin** and **tv:**
 - list-tyl-mixin** obsolete RN 40
 - list: **:after-full-gc** RN 73
 - listarray** function ARR 17, TOOLS 33
 - :listen** NETIO 25
 - chaos:**
 - listen** function NETIO 86
 - :listen** message STR 11
 - :listen** method of **tv:stream-mixin** WINDOC 45
 - LSN
 - Listen packet NETIO 53
 - (fed) Lisp
 - Listener command FED 3
 - (zmail 'reload) Lisp
 - Listener command ZMAILT 24
 - (zmail) Lisp
 - Listener command ZMAILT 17
 - Listening connection state NETIO 60, 87
 - listf** function STR 85
 - listify** function EVAL 24
 - Listing methods FLAV 63
 - Listing of tape contents TAPE 12
 - Listing, and Examining Buffers ZMACS 104
 - listings FSED 5
 - listings FSED 5
 - listp** function PRIM 3
 - Lists PRIM 19
 - lists TOOLS 39
 - Arrays as
 - lists ARR 4
 - Arrays Overlaid with
 - lists ARR 15
 - Association
 - lists PRIM 32, 37, 39
 - Attribute
 - lists ZMACS 126
 - Compact
 - lists PRIM 29
 - Depth of recursion of printing
 - lists PRIM 89
 - File Attribute
 - Lists STR 72
 - Keywords in argument
 - lists FLOW 15
 - Mailing
 - lists ZMAILC 35
 - Manipulating pathname property
 - lists FILE 32
 - Parsing file attribute
 - lists STR 72
 - Printing nested
 - lists PRIM 92
 - Property
 - Lists PRIM 39
 - rplaca** can be used with stack
 - lists RN 148
 - Sorting
 - lists PRIM 49
 - Sorting compact
 - lists PRIM 49
- Selecting,
 - listings FSED 5
- =>, link indicator in directory
- How to Interpret Directory

- Stack lists RN 148
- Storing functions on property lists FUNC 1
- System Initialization Lists INIT 5
- User-created initialization lists INIT 5
- Variables in lambda lists EVAL 11
- Warnings about file attribute lists ZMACS 126
- Zmail bug lists ZMAILT 33
- Lists as Tables PRIM 32
- Lists as templates MAC 7
- Lists in compiled code files COMP 25
- lists in files TOOLS 9
- Lists on the control stack INT 34
- Lists process RN 143
- Lists to Zmail: Zmail Tutorial and Reference Manual ZMAILT 33
- Attribute
- Get Common Property
- Adding Bug
- Files That Must Be Compiled on the 3600 and the Floating Point on the New Meters for the New Microcode in Release 5.0: 270 on 3600, 998 on Symbols Specific to the Areas: Differences Between the Differences Between the Hash Tables: Differences Between the Maintaining a Patchable System on the Nonlocal Exits: Differences Between the Subprimitives Existing on the Symbol Characters on the Maintaining Parallel Systems for the **self** on the **typep** on the LM-2 COMP 21
- LM-2 3600 15
- LM-2 RN 52
- LM-2 RN 3
- LM-2 3600 22
- LM-2 and 3600 3600 29
- LM-2 and 3600 3600 27
- LM-2 and 3600 3600 31
- LM-2 and 3600 3600 30
- LM-2 and 3600 3600 28
- LM-2 and 3600 3600 24
- LM-2 and 3600 3600 10
- LM-2 and the 3600 MAINT 19
- LM-2 and the 3600 3600 17
- LM-2 and the 3600 3600 16
- LM-2 band selected for dumping TAPE 14
- LM-2 Input/Output Board NETIO 106
- LM-2 Interlan Ethernet interface PROT 72
- LM-2 Keys That Do Not Exist on the 3600 3600 3
- LM-2 main memory NETIO 107
- (LM-2 Only) FILE 68
- Editing the FSPT (LM-2 Only) FILE 68
- Previously undocumented variables: **sys:mouse-x-scale-array** and **sys:mouse-y-scale-array** (LM-2 only) RN 100
- (LM-2 Only) INT 33
- (LM-2 Only) INT 34
- (LM-2 Only) NETIO 105
- LM-2 Software Installation SIG 39
- LM-2 Software Installation Functions SIG 42
- LM-2 UNIBUS I/O NETIO 105
- LM-2 UNIBUS I/O NETIO 105
- LM-2 Users 3600 31
- (LM-2) INT 21
- (LM-2) INT 37
- (LM-2) STOR 6
- (LM-2) INT 37
- (LM-2) STOR 7
- (LM-2) SITE 30
- (LM-2) SITE 22
- LMFS RN 34, ZMAILC 33, 34, FILE 40, 54, 71
- LMFS FILE 68
- LMFS (Lisp Machine File System) FILE 72
- LMFS Accordion Wildcards RN 120
- LMFS dumper RN 121
- LMFS Dumper Supports Accordion Wildcards RN 119
- LMFS File Space FILE 75
- LMFS multiple partitions FILE 67
- LMFS Now Supports Directory Links RN 120
- lmfs** package PKG 49
- LMFS Translation Table for Sys Hosts RN 119
- lmfs.file** file FILE 67
- lmfs:edit-fspt** function FILE 67
- lmfs:find-backup-copies** function SITE 12
- Introduction:
- Predicates: Notes on the 3600 for Function-calling Subprimitives
- How to Read Assembly Language
- Information About Temporary Consing Areas
- Introduction: How to Read Assembly Language
- Setting the Size of the Scavenger Working Set
- Two Speeds for Cold Boot
- World-load Compressor
- Adding a Partition to
- Adding a Spare World Load as
- New Default

- Saving a World
 - World
 - Adding a Spare World
 - World
 - Using a Spare World
 - Installing New Releases Distributed in World
 - World
 - FEP
 - load or si:
 - si:
 - compiler:
 - si:
 - :nosslective option for
 - :nowarn option for
 - :selective option for
 - :silent option for
 - :systems option for
 - :verbose option for
 - fs:
 - sys:
 - World
 - Compressing world
 - Concepts: Saving New Versions of World
 - Microcode
 - Saving New Versions of World
 - World
 - Installing World
 - dbg:
- imfs:grow-file-partition function SIG 44
 - imfs:rename-local-file-tool function FILE 42
 - Load FILE 74
 - load SIG 40
 - Load as LMFS File Space FILE 75
 - Load Compiler Warnings (m-X) TOOLS 75
 - Load Compiler Warnings (m-X) Zmacs
 - command ZMACS 163, COMP 13
 - load disk-saves MISC F 5, SITE 22
 - LOAD FEP file type INT 75
 - Load File (m-X) TOOLS 68
 - Load for Paging FILE 75
 - Load Format SIG 22
 - load function TOOLS 68, STR 71
 - Load Microcode command NETIO 7
 - Load Microcode FEP command RN 134
 - load or si:load-binary-file function 3600 27
 - Load Partitions SIG 40
 - Load Sync-program command NETIO 7
 - Load Sync-program FEP command RN 134, 135
 - Load World command NETIO 7
 - Load World command 3600 27
 - Load World FEP command RN 134
 - load-and-save-patches function MAINT 33, SITE 20
 - load-binary-file function 3600 27
 - load-binary-file function 3600 13
 - load-byte function PRIM 79
 - load-compiler-warnings function COMP 13
 - load-file-list function RN 39
 - load-file-list obsolete RN 39
 - Load-like transformations MAINT 23
 - load-mcr-file function SITE 24
 - :load-p option for zwei:open-editor-stream MISCUI 20
 - :load-p option for zwei:with-editor-stream MISCUI 20
 - load-patches MAINT 33
 - load-patches MAINT 33
 - load-patches MAINT 33
 - load-patches MAINT 33
 - load-patches MAINT 33
 - load-patches MAINT 33
 - load-patches function MAINT 33
 - load-pathname-defaults variable FILE 15
 - loadarrays Maclisp function ARR 23
 - %loaded-band variable INT 29
 - [Loaded] Universe Creation Display menu
 - item ZMAILC 13
 - Loader TAPE 9, 12, 19
 - Loading STR 70
 - loading NETIO 7
 - Loading and Saving Disk Partitions 3600 31
 - Loading Files STR 70
 - Loading files asynchronously STR 72
 - Loading Patches MAINT 33
 - Loading QFASL files STR 72
 - Loading Sources From a Distribution Tape SIG 16
 - Loading Sync Programs RN 135
 - Loading text files STR 71
 - Loading the System Definition MAINT 11
 - loads SITE 22
 - Loads SITE 17
 - Loads FILE 71
 - Loads SITE 17
 - Loads FILE 71
 - Loads From Other Sites SIG 23
 - [Load] File System Editor menu item FSED 1
 - loc function DEBUG 13

- Manipulating the
 - LOCAL base register INT 40, 52
 - Local character 3600 7
 - local file system SITE 1
 - LOCAL key RN 133, 3600 5
 - &local** lambda-list keyword FUNC 14
 - :local** medium PROT 42
 - Local names of commands ZMACS 6
 - Local Network Problems COND 73
 - Local networks PROT 77
- Initializing
 - local networks PROT 77
 - :local** step type PROT 42
 - Local variable EVAL 3
 - Local variables 3600 25, FUNC 31, INT 40
 - local-declare** special form COMP 9
 - net:** ***local-host*** variable PROT 26
 - :local-lisp-machines** PROT 18
 - local-namespace:** site object attribute PROT 16
 - sys:** **local-network-error** flavor COND 73
 - neti:** ***local-networks*** variable PROT 78
 - net:** ***local-site*** variable PROT 26
 - :locally** option for **tv:edit-namespace-object** PROT 19
 - [Local] Mail menu item ZMAILT 31
 - Locate functions MAC 35
 - locate-in-closure** function FUNC 35
 - locate-in-instance** function FLAV 32
 - Locating and Replacing Strings
 - Automatically ZMACS 90
 - Locating generalized variables MAC 35
 - Locating Source Code to Edit ZMACS 166
- Reading a UNIBUS
- Reading an Xbus
- Writing a UNIBUS
- Writing an Xbus
 - location NETIO 107
 - location NETIO 107
 - location NETIO 107
 - location NETIO 107
 - Location Errors COND 54
 - :location** function spec type FUNC 1
 - location in register ZMACS 78
 - location of host PROT 7
 - location of the Chaosnet interface INT 28
 - location-boundp** function PRIM 86
 - location-makunbound** function PRIM 86
 - location:** host object attribute PROT 7
- UNIBUS BUSINT
- UNIBUS IOB device
 - locations NETIO 109
 - locations NETIO 109
 - Locative PRIM 1, 5
 - Locative pointer MAC 35
 - locative pointer INT 20
 - :locative** returned by **typep** PRIM 5
 - locativep** function PRIM 5
 - Locatives PRIM 39, 85
 - Locatives PRIM 85
 - Locatives PRIM 85
 - locatives returned by **locf** RN 148
 - locf** RN 148
 - locf** macro RN 148, PRIM 55, MAC 36
 - loci** macro PRIM 85
 - Lock mode ZMACS 18
 - Lock Mode (m-X) TOOLS 12
 - Lock Mode (m-X) Zmacs command ZMACS 180
 - Lock Mode (m-X) Zmacs command ZMACS 180
 - Lock queue RN 71, PROC 10
 - :lock-reason** option to **tape:make-stream** TAPE 1
- Adding new symbols to
 - locked packages PKG 58
 - Locked windows WINDOC 9
- External-only Packages and Round-robin
 - Locking PKG 58
 - locking RN 71
 - Locking Subprimitive 3600 24
- Basic
 - Locking Subprimitive INT 16

- Locks PROC 9
- FEP File
 - Locks INT 74
 - LOD partitions FILE 71
 - lodn** partition SIG 40
 - Log files PROT 21, 23
 - log** function PRIM 75
 - logand** function PRIM 76
 - LOGAND instruction INT 44
 - Logarithm of nonpositive number error COND 55
- Natural
 - logarithms PRIM 74, 75
 - %logdbp** function 3600 29
 - %logdpp** function PRIM 80
- Error
 - logging code COND 16
 - Logging host output to file RN 114
 - Logging in RN 1, 5, LMS 34, LMS 5, MISCF 11
 - Logging out LMS 6
- Cold boot after Getting Started and
 - logging out LMS 6
 - Logging Out LMS 4
 - Logical **and** function FLOW 4
 - Logical characters and physical characters WINDOC 59
- Sys: l-ucode;
 - logical directory FILE 73
- Sys: site;
 - logical directory SIG 39
- Sys:sys;qcons
 - logical directory 3600 22
 - Logical end of data NETIO 57
- Create new
 - logical host RN 37, FILE 51
- Creating
 - logical host RN 38
- SYS
 - logical host FILE 49
- Translating
 - logical hosts to physical hosts FILE 49
- Complement
 - logical operation PRIM 76
 - Logical operations INT 44, 52
 - Logical Operations on Numbers PRIM 76
 - Logical **or** function FLOW 5
- Converting physical pathname to
 - logical pathname FILE 53
 - Logical Pathname Name, Type, and Version Now Separated by Periods RN 35
- Converting
 - logical pathname to physical pathname FILE 49, 53
 - Logical Pathname Translation FILE 50
 - Logical Pathname Translations RN 35
- Changes to New Default Representations for Newest and Oldest
 - Logical Pathname Versions RN 35
 - Logical pathnames LMS 16, FILE 49
- Changes to
 - Logical Pathnames RN 35
 - Double-arrow character (↔) in logical pathnames FILE 49
 - Equivalence sign character (≡) in logical pathnames FILE 49
- :back-translated-pathname** method of **fs:**
 - Logical Pathnames Now Hierarchical RN 35
- :translated-pathname** method of **fs:**
 - logical-pathname** FILE 53
 - logical-pathname** FILE 53
 - :login** PROT 18
- Change to
 - login** LMS 34
- Changes to
 - login** RN 5
 - Login errors COND 66
 - login** function RN 5, LMS 34, MISCF 11, INIT 5
 - :login** initialization list INIT 5
 - :login** option for **add-initialization** INIT 1
 - Login Problems COND 66
 - LOGIN QFILE command PROT 116
 - login** Service PROT 56
 - login-eval** function MISCF 13
 - login-forms** LMS 5, MISCF 13
 - login-forms** special form MISCF 12, 13
- si:
 - login-history** variable SITE 22
 - login-name:** user object attribute PROT 9
- fs:
 - login-problems** flavor COND 67
- fs:
 - login-required** flavor COND 67
 - login-setq** special form MISCF 13
- si:
 - login-to-sys-host** function SIG 35
 - logior** function PRIM 76
 - LOGIOR instruction INT 44

- %logdb** function 3600 29, PRIM 80
- lognot** function PRIM 76
- logout** function MISC 12, INIT 5
- :logout** initialization list INIT 5
- :logout** option for **add-initialization** INIT 1
- logout-list** variable MISC 12
- [Logout] Save-Exit menu item ZMAILT 17
- logxor** function PRIM 76
- LOGXOR instruction INT 44
- Fill
 - Long Comment (m-X) TOOLS 23
 - :long** day-of-the-week-representation MISCUI 7, 8
 - Long Documentation ZMACS 37
 - Long Documentation (m-sh-D) TOOLS 35, 39
 - (Long Documentation) TOOLS 35, 39
- m-sh-D
- ci:
 - long-float** format RN 17, PRIM 95
- Compiler No
 - Longer Expands Macros in a Different Area STOR 6
 - Look-ahead WINDOC 45
- File
 - Lookup COND 67
- File
 - lookup errors COND 67
- Interfacing to the Service
 - Lookup Mechanism PROT 75
- Break
 - loop MISC 7
- Enter a breakpoint
 - loop MISC 7
- Read-eval-print
 - loop MISC 7, 8
- Top-level
 - loop MISC 7
- Expressions in
 - Loop Back bit NETIO 70
 - loop** clause FLOW 49
 - loop constructs FLOW 36
 - Loop epilogue FLOW 35, 42
 - Loop exit code FLOW 35, 42
 - Loop initialization code FLOW 35, 42
 - loop** iteration FLOW 56
 - Loop Iteration Macro FLOW 48
 - Loop Iteration Macro FLOW 35
 - Loop Iteration Macro FLOW 35
 - Loop Iteration Over Hash Tables FLOW 54
 - Loop iteration path over hash tables FLOW 54
 - loop** keyword FLOW 49
 - loop** macro RN 82
 - Loop prologue FLOW 35, 42
 - Loop Synonyms FLOW 48
 - Loop termination FLOW 42, 44
 - loop-finish** macro FLOW 45
 - si: loop-named-variable** function FLOW 58
 - si: loop-tassoc** function FLOW 58
 - si: loop-tequal** function FLOW 58
 - si: loop-tmember** function FLOW 58
 - si: loop-use-system-destructuring?** variable FLOW 50
- Data Types: the
 - loops FLOW 40, 49
- Introduction: the
 - loops RN 116
- The
 - loops** RN 82
 - loops FLOW 42
- Bindings in
 - LOS Lossage packet NETIO 56
- Break
 - LOS packet NETIO 81
- Compiler now warns about implicit **progn**s in
 - Lossage packet NETIO 56
- Evaluation in
 - Lost connection state NETIO 60, 87
 - Lost Count bit NETIO 70
 - Lost records SITE 13
 - Low-level NETIO 60
- Error message from a received CLS or
 - LOS
- Set
 - Lowercase (m-X) TOOLS 11
- Set
 - Lowercase (m-X) Zmacs command ZMACS 128
 - Lowercase Code in Buffer (m-X) Zwei command RN 125
 - Lowercase Code in Region ZMACS 148
 - Lowercase Code in Region (m-X) Zwei command RN 125
 - Lowercase** file attribute STR 72
 - Lowercase file attribute ZMACS 128
 - Lowercase in pathname components FILE 12

Upper and Lowercase letter ARR 26
 Lowercase Letters ARR 26
 Lowercase Region ZMACS 148
 Lowercase Word ZMACS 148
:lowlevel-mixin symbol in **:documentation** option to
defflavor FLAV 35
 Lozenge character 3600 5, 7
lsh function 3600 29, PRIM 77
 LSN Listen packet NETIO 53
 Lsubrs EVAL 11

M**M****M**

SELECT M ZMACS 30
 FUNCTION M command RN 113
 NETWORK M command RN 114
 SELECT M command ZMAILT 3, 17, 24
 M Font Editor command FED 30
 M Zmail command ZMAILT 31
 M Zmail command ZMAILT 47
 c-X (M) Zmail command ZMAILC 27
 [Move (M) Zmail Profile Mode command ZMAILC 21
 [Filters (M) Zmail Profile Mode command ZMAILC 21
 [Universes
 Changes to FUNCTION C, FUNCTION
 M, and FUNCTION Q RN 113
 m-% (Query Replace) TOOLS 54
 m-% Zmacs command ZMACS 90
 Query Replace (m-%) TOOLS 54
 m-(Zmacs command ZMACS 164
 m-) Zmacs command ZMACS 56
 m-. (Edit Definition) TOOLS 36, 130, 131
 Edit Definition m-. Zmacs command ZMACS 166
 (m-.) TOOLS 36, 130, 131
 (m-.) Zmacs command FLAV 63
 m-Ø m-Y yank command INED 7
 m-; (Indent For Comment) TOOLS 22
 Indent For Comment (c-; or m-; Zmacs command ZMACS 157
 m-;) TOOLS 22
 m-< Debugger command DEBUG 9, 15
 m-< FSPT Editor command FILE 68
 m-< Zmacs command ZMACS 24, 60
 m-= Zmacs command ZMACS 38
 m-> Debugger command DEBUG 9, 15
 m-> FSPT Editor command FILE 68
 m-> Zmacs command ZMACS 24, 60
 m-@ Zmacs command ZMACS 80
 m-A Zmacs command ZMACS 23, 53
 m-ABORT LMS 37
 m-B Debugger command TOOLS 77, DEBUG 9, 15
 m-B Zmacs command ZMACS 23, 52
 m-BREAK Debugger command COND 52
 FUNCTION m-C command RN 113
 m-C Debugger command DEBUG 9, 15
 m-C Lisp input editor command TOOLS 71
 m-C yank command INED 3, 7, 15
 m-C Zmacs command ZMACS 148
 m-D Zmacs command ZMACS 25, 68
 m-E Zmacs command ZMACS 53
 Evaluate Minibuffer m-ESCAPE (Evaluate Minibuffer) TOOLS 70
 m-ESCAPE Zmacs command ZMACS 160
 (m-ESCAPE) TOOLS 70
 m-F Zmacs command ZMACS 23, 52
 m-H Zmacs command ZMACS 80
 m-I Debugger command DEBUG 9, 13, 15
 m-K Zmacs command ZMACS 25, 72
 m-L Debugger command TOOLS 77, DEBUG 9, 15
 m-L Zmacs command ZMACS 148
 m-LINE (Indent New Comment Line) TOOLS 23

- Indent New Comment Line
 - m-LINE Zmacs command ZMACS 158
 - (m-LINE) TOOLS 23
 - m-M Zmacs command ZMACS 151
 - m-N (Down Comment Line) TOOLS 23
 - m-N Debugger command DEBUG 9, 15
 - m-N Zmacs command ZMACS 158
- Down Comment Line
 - (m-N) TOOLS 23
 - m-O Zmacs command ZMACS 152
 - m-P (Up Comment Line) TOOLS 23
 - m-P Debugger command DEBUG 9, 15
 - m-P Zmacs command ZMACS 158
- Up Comment Line
 - (m-P) TOOLS 23
- FUNCTION
 - m-Q command RN 113
 - m-R Zmacs command ZMACS 48
 - m-RETURN Zmacs command ZMACS 151
 - m-RUBOUT Zmacs command ZMACS 25, 68
 - m-S Debugger command DEBUG 5, 9, 15
 - m-S Zmacs command ZMACS 150
 - m-sh-C (Compile Changed Definitions Of Buffer) TOOLS 66
 - m-sh-C Zmacs command ZMACS 162
 - (m-sh-C) TOOLS 66
 - m-sh-D (Long Documentation) TOOLS 35, 39
 - m-sh-D command FUNC 7
 - m-sh-D Zmacs command ZMACS 37
 - (m-sh-D) TOOLS 35, 39
 - m-sh-E (Evaluate Changed Definitions Of Buffer) TOOLS 70
 - m-sh-E Zmacs command ZMACS 161
 - (m-sh-E) TOOLS 70
 - m-SPACE (Push Pop Point Explicit) TOOLS 55
 - (m-SPACE) TOOLS 55
 - m-SUSPEND LMS 42
 - m-SUSPEND command RN 116
 - m-SUSPEND selects frame with **break** read function for Debugger RN 116
 - m-T Zmacs command ZMACS 68
 - m-U Zmacs command ZMACS 148
 - m-V Zmacs command ZMACS 24, 48
 - m-W (Save Region) TOOLS 57
 - m-W Zmacs command ZMACS 82
- Save Region
 - (m-W) TOOLS 57
 - m-X commands LMS 22
 - m-X Debugger command DEBUG 9, 15
 - (m-X Zmacs command FLAV 63
- List Methods
 - Atom Word Mode (m-X) TOOLS 12
 - Auto Fill Mode (m-X) TOOLS 12
- Change in numeric arguments to Copy File (m-X) RN 124
- Changes to Add Patch Changed Definitions of Buffer (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Check for New Mail (m-X) ZMAILT 50
- Compile Buffer (m-X) TOOLS 66
- Compile Changed Definitions (m-X) TOOLS 66
- Compile File (m-X) TOOLS 67
- Compiler Warnings (m-X) TOOLS 75
- Deinstall Macro (m-X) TOOLS 59
- Describe Flavor (m-X) TOOLS 131
- Dired (m-X) TOOLS 41
- Disassemble (m-X) TOOLS 99
- Edit Callers (m-X) TOOLS 40
- Edit Changed Definitions (m-X) TOOLS 52
- Edit Changed Definitions Of Buffer (m-X) TOOLS 52
- Edit Combined Methods (m-X) TOOLS 133
- Edit Compiler Warnings (m-X) TOOLS 75
- Edit Methods (m-X) TOOLS 60, 132
- Electric Shift Lock Mode (m-X) TOOLS 12
- Evaluate And Replace Into Buffer (m-X) TOOLS 70
- Evaluate Buffer (m-X) TOOLS 70

- Evaluate Changed Definitions (m-X) TOOLS 70
- Evaluate Into Buffer (m-X) TOOLS 70
- Fill Long Comment (m-X) TOOLS 23
- Find Unbalanced Parentheses (m-X) TOOLS 24
- Function Apropos (m-X) TOOLS 37
- Insert Buffer (m-X) TOOLS 59
- Insert File (m-X) TOOLS 59
- Install Macro (m-X) TOOLS 59
- Install Mouse Macro (m-X) TOOLS 59
- Lisp Mode (m-X) TOOLS 12
- List Callers (m-X) TOOLS 34, 40
- List Changed Definitions (m-X) TOOLS 52
- List Changed Definitions Of Buffer (m-X) TOOLS 52
- List Combined Methods (m-X) TOOLS 133
- List Matching Lines (m-X) TOOLS 53
- List Matching Symbols (m-X) TOOLS 35
- List Methods (m-X) TOOLS 132
- Load Compiler Warnings (m-X) TOOLS 75
- Load File (m-X) TOOLS 68
- Macro Expand Expression All (m-X) TOOLS 96
- Multiple Edit Callers (m-X) TOOLS 40
- Multiple List Callers (m-X) TOOLS 40
- Name Last Kbd Macro (m-X) TOOLS 59
- New Zmacs command: Resume Patch (m-X) RN 124
- New Zmacs command: Source Compare Newest Definition (m-X) RN 124
- New Zmacs command: Start Private Patch (m-X) RN 124
- New Zwei command: Find Files in Tag Table (m-X) RN 125
- Print Modifications (m-X) TOOLS 53
- Reparse Attribute List (m-X) TOOLS 11
- Select All Buffers As Tag Table (m-X) TOOLS 54
- Select System As Tag Table (m-X) TOOLS 54
- Set Backspace (m-X) TOOLS 11
- Set Base (m-X) TOOLS 11
- Set Fonts (m-X) TOOLS 11
- Set Key (m-X) TOOLS 59
- Set Lowercase (m-X) TOOLS 11
- Set Nofill (m-X) TOOLS 11
- Set Package (m-X) TOOLS 11
- Set Patch File (m-X) TOOLS 11
- Set Tab Width (m-X) TOOLS 11
- Set Vsp (m-X) TOOLS 11
- Source Compare (m-X) TOOLS 53
- Source Compare Merge (m-X) TOOLS 53
- Split Screen (m-X) TOOLS 60
- Tags Query Replace (m-X) TOOLS 54
- Tags Search (m-X) TOOLS 54
- Trace (m-X) TOOLS 87, 91
- Undigestify (m-X) ZMAILT 50
- Undo (m-X) and Redo (m-X) ZMAILT 29
- Update Attribute List (m-X) TOOLS 11
- View Directory (m-X) TOOLS 41
- Where Is Symbol (m-X) TOOLS 34
- Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
- Undo (m-X) and Redo (m-X) ZMAILT 29
- Apropos (m-X) command ZMAILT 23
- Set Variable (m-X) command INED 17
- Extended (m-X) commands LMS 22
- Zmacs extended (m-X) commands LMS 22
- Both default pathnames for Source Compare (m-X) now use :newest version RN 123
- Set Package (m-X) offers to create a package RN 123
- Show Hardcopy Status (m-X) replaces chaos:print-igp-queue RN 115
- Abort Patch (m-X) Zmacs command ZMACS 174, MAINT 34
- Add Patch (m-X) Zmacs command ZMACS 173, MAINT 34
- Add Patch Changed Definitions (m-X) Zmacs command RN 123, ZMACS 173
- Add Patch Changed Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
- Append To File (m-X) Zmacs command ZMACS 112

Symbolics, Inc. March 1984

| | | |
|--|---------------------|---|
| Arglist | (m-X) Zmacs command | ZMACS 37 |
| Atom Query Replace | (m-X) Zmacs command | ZMACS 93 |
| Atom Word Mode | (m-X) Zmacs command | ZMACS 180 |
| Auto Fill Mode | (m-X) Zmacs command | ZMACS 180 |
| Change File Properties | (m-X) Zmacs command | ZMACS 123 |
| Clean Directory | (m-X) Zmacs command | ZMACS 123 |
| Compile Buffer | (m-X) Zmacs command | ZMACS 162 |
| Compile Changed Definitions | (m-X) Zmacs command | ZMACS 162 |
| Compile Changed Definitions of Buffer | (m-X) Zmacs command | ZMACS 162 |
| Compile File | (m-X) Zmacs command | ZMACS 162 |
| Compile Region | (m-X) Zmacs command | ZMACS 82 |
| Compiler Warnings | (m-X) Zmacs command | ZMACS 163, COMP 13 |
| Copy File | (m-X) Zmacs command | RN 28, 124, ZMACS 121,
STR 68, FILE 19 |
| Create Directory | (m-X) Zmacs command | ZMACS 123 |
| Create Link | (m-X) Zmacs command | ZMACS 122 |
| Decrypt Buffer | (m-X) Zmacs command | ZMACS 108 |
| Deinstall Macro | (m-X) Zmacs command | ZMACS 186 |
| Delete File | (m-X) Zmacs command | ZMACS 122 |
| Describe Flavor | (m-X) Zmacs command | FLAV 63 |
| Describe Variable | (m-X) Zmacs command | ZMACS 193 |
| Dired | (m-X) Zmacs command | ZMACS 131 |
| Edit Buffers | (m-X) Zmacs command | ZMACS 107 |
| Edit Callers | (m-X) Zmacs command | ZMACS 169 |
| Edit Changed Definitions | (m-X) Zmacs command | ZMACS 167 |
| Edit Changed Definitions of Buffer | (m-X) Zmacs command | ZMACS 168 |
| Edit Combined Methods | (m-X) Zmacs command | FLAV 63 |
| Edit Compiler Warnings | (m-X) Zmacs command | ZMACS 163, COMP 13 |
| Edit File Warnings | (m-X) Zmacs command | ZMACS 163, COMP 13 |
| Edit Methods | (m-X) Zmacs command | FLAV 63 |
| Electric Font Lock Mode | (m-X) Zmacs command | ZMACS 180 |
| Electric Shift Lock Mode | (m-X) Zmacs command | ZMACS 180 |
| EMACS Mode | (m-X) Zmacs command | ZMACS 181 |
| Encrypt Buffer | (m-X) Zmacs command | ZMACS 108 |
| Evaluate and Replace into Buffer | (m-X) Zmacs command | ZMACS 92, 161 |
| Evaluate Buffer | (m-X) Zmacs command | ZMACS 160 |
| Evaluate Changed Definitions | (m-X) Zmacs command | ZMACS 161 |
| Evaluate Changed Definitions of Buffer | (m-X) Zmacs command | ZMACS 161 |
| Evaluate into Buffer | (m-X) Zmacs command | ZMACS 160 |
| Evaluate Region | (m-X) Zmacs command | ZMACS 160, 161 |
| Find File in Fundamental Mode | (m-X) Zmacs command | ZMACS 110 |
| Find Files in Tag Table | (m-X) Zmacs command | ZMACS 97 |
| Find Unbalanced Parentheses | (m-X) Zmacs command | ZMACS 38 |
| Finish Patch | (m-X) Zmacs command | ZMACS 174, MAINT 34 |
| Hardcopy Buffer | (m-X) Zmacs command | ZMACS 108, HARD 1 |
| Hardcopy File | (m-X) Zmacs command | ZMACS 120, HARD 1 |
| Hardcopy Region | (m-X) Zmacs command | HARD 1 |
| Insert Buffer | (m-X) Zmacs command | ZMACS 112 |
| Insert File | (m-X) Zmacs command | ZMACS 112 |
| Install Command | (m-X) Zmacs command | ZMACS 192 |
| Install Macro | (m-X) Zmacs command | ZMACS 186 |
| Kill Or Save Buffers | (m-X) Zmacs command | ZMACS 110 |
| Kill Some Buffers | (m-X) Zmacs command | ZMACS 110 |
| Lisp Mode | (m-X) Zmacs command | ZMACS 156 |
| List Callers | (m-X) Zmacs command | MISCF 1, ZMACS 170 |
| List Changed Definitions of Buffer | (m-X) Zmacs command | ZMACS 169 |
| List Combined Methods | (m-X) Zmacs command | FLAV 63 |
| List Definitions | (m-X) Zmacs command | ZMACS 168 |
| List Files | (m-X) Zmacs command | ZMACS 119 |
| List Fonts | (m-X) Zmacs command | WINDOC 58 |
| List Tag Tables | (m-X) Zmacs command | ZMACS 95 |
| List Variables | (m-X) Zmacs command | ZMACS 193 |
| Load Compiler Warnings | (m-X) Zmacs command | ZMACS 163, COMP 13 |
| Macro Expand Expression | (m-X) Zmacs command | ZMACS 165 |
| Multiple Edit Callers | (m-X) Zmacs command | ZMACS 170 |
| Multiple List Callers | (m-X) Zmacs command | ZMACS 171 |
| Multiple Query Replace | (m-X) Zmacs command | ZMACS 91 |
| Multiple Query Replace From Buffer | (m-X) Zmacs command | ZMACS 92 |

| | | |
|-----------------------------------|---------------------|-----------------------------|
| Name Last Kbd Macro | (m-X) Zmacs command | ZMACS 185 |
| Overwrite Mode | (m-X) Zmacs command | ZMACS 181 |
| Prepend To File | (m-X) Zmacs command | ZMACS 112 |
| Query Replace | (m-X) Zmacs command | ZMACS 90 |
| Query Replace Last Kill | (m-X) Zmacs command | ZMACS 92 |
| Query Replace Let Binding | (m-X) Zmacs command | ZMACS 92 |
| Reap File | (m-X) Zmacs command | ZMACS 122 |
| Rename Buffer | (m-X) Zmacs command | ZMACS 108 |
| Rename File | (m-X) Zmacs command | ZMACS 120, FILE 19 |
| Repars Attribute List | (m-X) Zmacs command | ZMACS 125, 127 |
| Replace String | (m-X) Zmacs command | ZMACS 90 |
| Resume Patch | (m-X) Zmacs command | RN 124, MAINT 34 |
| Revert Buffer | (m-X) Zmacs command | ZMACS 109 |
| Save All Files | (m-X) Zmacs command | ZMACS 108 |
| Select All Buffers As Tag Table | (m-X) Zmacs command | ZMACS 94 |
| Select System As Tag Table | (m-X) Zmacs command | ZMACS 95 |
| Select Tag Table | (m-X) Zmacs command | ZMACS 94 |
| Set Backspace | (m-X) Zmacs command | ZMACS 128 |
| Set Base | (m-X) Zmacs command | ZMACS 128 |
| Set Fonts | (m-X) Zmacs command | ZMACS 128 |
| Set Key | (m-X) Zmacs command | ZMACS 191 |
| Set Lowercase | (m-X) Zmacs command | ZMACS 128 |
| Set Nofill | (m-X) Zmacs command | ZMACS 128 |
| Set Package | (m-X) Zmacs command | RN 123, ZMACS 126, 127, 128 |
| Set Patch File | (m-X) Zmacs command | ZMACS 128 |
| Set Tab Width | (m-X) Zmacs command | ZMACS 128 |
| Set Variable | (m-X) Zmacs command | ZMACS 194 |
| Set Visited File Name | (m-X) Zmacs command | ZMACS 110 |
| Set Vsp | (m-X) Zmacs command | ZMACS 128 |
| Show Hardcopy Status | (m-X) Zmacs command | HARD 1 |
| Sort Lines | (m-X) Zmacs command | ZMACS 100 |
| Sort Paragraphs | (m-X) Zmacs command | ZMACS 100 |
| Sort Via Keyboard Macros | (m-X) Zmacs command | ZMACS 100 |
| Source Compare | (m-X) Zmacs command | ZMACS 113 |
| Source Compare Merge | (m-X) Zmacs command | ZMACS 113 |
| Source Compare Newest Definition | (m-X) Zmacs command | RN 124 |
| Start Patch | (m-X) Zmacs command | ZMACS 172, MAINT 34 |
| Start Private Patch | (m-X) Zmacs command | RN 124, ZMACS 172, MAINT 34 |
| Tags Multiple Query Replace | (m-X) Zmacs command | ZMACS 96 |
| Tags Query Replace | (m-X) Zmacs command | ZMACS 95 |
| Tags Search | (m-X) Zmacs command | ZMACS 95 |
| Trace | (m-X) Zmacs command | ZMACS 38 |
| Uncomment Region | (m-X) Zmacs command | ZMACS 159 |
| Update Attribute List | (m-X) Zmacs command | ZMACS 125 |
| Uppercase Code in Region | (m-X) Zmacs command | ZMACS 148 |
| View Buffer | (m-X) Zmacs command | ZMACS 107 |
| View File | (m-X) Zmacs command | ZMACS 120 |
| View File Properties | (m-X) Zmacs command | ZMACS 120 |
| View Kbd Macro | (m-X) Zmacs command | ZMACS 184 |
| Visit Tag Table | (m-X) Zmacs command | ZMACS 97 |
| Where Is Symbol | (m-X) Zmacs command | PKG 5 |
| Word Abbrev Mode | (m-X) Zmacs command | ZMACS 181 |
| Add Fcc Field | (m-X) Zmail command | ZMAILT 41 |
| Add From Field | (m-X) Zmail command | ZMAILT 41 |
| Add In Reply To Field | (m-X) Zmail command | ZMAILT 41 |
| Append Conversation By References | (m-X) Zmail command | RN 130, ZMAILC 21 |
| Append To Referenced Msg | (m-X) Zmail command | ZMAILC 21 |
| Apropos | (m-X) Zmail command | ZMAILC 5 |
| Bug | (m-X) Zmail command | ZMAILT 31 |
| Change Subject Pronouns | (m-X) Zmail command | ZMAILT 41 |
| Decrypt Msg | (m-X) Zmail command | ZMAILT 11 |
| Decrypt Text | (m-X) Zmail command | ZMAILT 11 |
| Delete Conversation By References | (m-X) Zmail command | RN 130, ZMAILC 21 |
| Delete Duplicate Msgs | (m-X) Zmail command | ZMAILT 59, ZMAILC 18 |
| Delete Referenced Msgs | (m-X) Zmail command | ZMAILC 18, 21 |
| Encrypt Text | (m-X) Zmail command | ZMAILT 11 |

Symbolics, Inc. March 1984

- Find String (m-X) Zmail command ZMAILT 53, ZMAILC 17
- Forward (m-X) Zmail command ZMAILT 31
- Move In Place Of Referenced Msg (m-X) Zmail command ZMAILC 21
- Move to Default Previous Point (m-X) Zmail command ZMAILT 54
- Move to Previous Point (m-X) Zmail command ZMAILT 54
- Occur (m-X) Zmail command ZMAILT 53
- Redistribute Msg (m-X) Zmail command ZMAILT 31
- References (m-X) Zmail command ZMAILC 18
- Select All Conversations By References (m-X) Zmail command RN 130
- Select Arbitrary Format Mail File (m-X) Zmail command ZMAILC 34
- Select Conversation (m-X) Zmail command ZMAILC 19
- Select Conversation By References (m-X) Zmail command RN 130, ZMAILC 21
- Select Referenced Msg (m-X) Zmail command ZMAILC 21
- Select References (m-X) Zmail command ZMAILC 21
- Lowercase Code In Buffer (m-X) Zwei command RN 125
- Lowercase Code in Region (m-X) Zwei command RN 125
- Show Hardcopy Status (m-X) Zwei command RN 115
- Source Compare (m-X) Zwei command RN 123
- Uppercase Code in Buffer (m-X) Zwei command RN 125
- Uppercase Code in Region (m-X) Zwei command RN 125
- Find Files in Tag Table (m-X) Zwei command RN 125
- m-Y (Yank Pop) TOOLS 57
- m-Y yank command INED 3, 7, 9, 13, 15
- m-Y yank command ZMACS 13, 14, 64
- m-Y yank command INED 7
- (m-Y) TOOLS 57
- m-Z Zmacs command ZMACS 162
- m-[Zmacs command ZMACS 23, 58
- m-\ Zmacs command ZMACS 26
- m-] Zmacs command ZMACS 23, 58
- m-^ Zmacs command ZMACS 26, 152
- M2284 disk drive NETIO 13
- M2351 disk drive NETIO 13
- M2:Save/Kill/Yank mouse click ZMACS 49
- M:Mark thing mouse click ZMACS 49
- machine SITE 24
- Stopping the machine INT 17
- Finding information about machine addresses INT 34
- Lisp Machine Character Set STR 3
- Lisp Machine code INT 37
- Clear Machine command NETIO 7
- Finding Out Why Your Machine Crashed NETIO 14
- Introduction: Lisp Machine File System FILE 57
- Lisp Machine File System FILE 57
- LMFS (Lisp Machine File System) FILE 72
- Lisp Machine generic hardcopy system HARD 1
- The Lisp Machine Generic Network System PROT 35
- Lisp Machine hardcopy facilities HARD 1
- The Lisp Machine Implementation NETIO 84
- Lisp Machine Implementation Packet Input and Output NETIO 89
- Lisp Machine Implementation Stream Input and Output NETIO 88
- Lisp Machine Namespace Server Files PROT 21
- Lisp Machine pathname system PROT 53
- Lisp Machine Software Interface PROT 26
- Index of Function Keys: Lisp Machine Summary 3600 Edition LMS 37
- Lisp Machine Virtual Memory FILE 72
- Machine-dependent Numeric Functions 3600 32
- Machine-dependent patches 3600 30
- machine-type**: host object attribute PROT 6
- machines SITE 24
- Machines FED 28
- Machines at site CONV 4, NETIO 85
- Machines At the Site SIG 20
- MacLisp NOTA 1, MISCF 17, PRIM 55, FLOW 35, FUNC 11, DEFS 1, COMP 10
- MacLisp **allfiles** function FILE 55

- Maclisp Array Compatibility ARR 23
- Maclisp compatibility COND 25
- Maclisp Conversion FILE 55
- Maclisp **crunit** function FILE 55
- Maclisp **default** function FILE 55
- Maclisp **directory** function FILE 55
- Maclisp file manipulation FILE 55
- dumparrays** Maclisp function ARR 23
- freturn** Maclisp function FLOW 28
- loadarrays** Maclisp function ARR 23
- *rearray** Maclisp function ARR 23
- Files That
 - Maclisp **mergef** function FILE 55
 - Maclisp Must Compile COMP 23
 - Maclisp **namelist** function FILE 55
 - Maclisp **namestring** function FILE 55
 - Maclisp **open** function STR 59
 - Maclisp property names PRIM 56
 - Maclisp **status homedir** function FILE 55
 - Maclisp **status udir** function FILE 55
 - Maclisp system property names PRIM 56
 - Maclisp **truename** function FILE 55
- expr** Maclisp type FUNC 11
- fexpr** Maclisp type FUNC 11
- Lexpr** Maclisp type FUNC 11
- macro** Maclisp type FUNC 11
- Maclisp **uread** function FILE 55
- Maclisp-compatible Functions ARR 36
- macro** PRIM 103
- macro** RN 18, PRIM 101
- macro** FUNC 13
- Macro** ZMACS 184
- macro** 3600 28, FLOW 28
- macro** COND 27
- macro** COND 27
- macro** FLAV 31, COND 7, TOOLS 130
- macro** COMP 11
- macro** TOOLS 125
- macro** DEFS 1, 7, 15
- Macro** FLOW 48
- macro** COND 16, 17
- macro** MAC 37
- macro** FLAV 34
- macro** TOOLS 64
- macro** FLAV 13, 19, 23, 57, TOOLS 105, 108
- macro** FLOW 48
- macro** FLOW 56
- macro** FLOW 55
- macro** MAC 5
- macro** MAC 30
- macro** FLAV 13, 23, 58
- macro** MAC 7, DEFS 5, 19
- macro** DEFS 29
- macro** TOOLS 54
- macro** FUNC 6, 11
- macro** TOOLS 15, 64
- macro** TOOLS 117
- macro** FLAV 26
- Macro** ZMACS 184
- macro** TOOLS 121
- macro** STR 41
- macro** STR 38
- macro** STR 38
- macro** STR 40
- macro** PROT 53
- macro** COMP 23
- macro** COMP 23
- macro** COMP 23
- macro** COMP 23

- if-in-macisp** macro COMP 24
- incf** macro MAC 37
- Inhibit-style-warnings** macro COMP 15
- Introduction: the Loop Iteration Macro FLOW 35
- let-globally-if** macro EVAL 7
- locf** macro RN 148, PRIM 55, MAC 36
- loci** macro PRIM 85
- loop** macro RN 82
- loop-finish** macro FLOW 45
- meter:with-monitoring** macro RN 52, INT 86
- net:define-medium** macro PROT 76
- net:invoke-multiple-services** macro PROT 48
- netl:with-server-error-disposition** macro PROT 52
- once-only** macro MAC 23
- package-declare** macro RN 7
- pkg-bind** macro PKG 32
- pop** macro MAC 38
- push** macro MAC 38
- setf** macro MAC 35, SCROLL 6
- si:encapsulate** macro FUNC 25
- si:inhibit-gc-flips** macro STOR 12
- Start Kbd Macro ZMACS 183, 184
- swapf** macro RN 82, MAC 37
- sys:defsubst-with-parent** macro RN 145, FUNC 19
- sys:printing-random-object** macro PRIM 92
- sys:with-open-file-search** macro RN 69, STR 60
- The Loop Iteration Macro FLOW 35
- The **zwei:with-editor-stream** macro MISCUI 19
- tv:sheet-force-access** macro WINDOC 9
- tv:with-mouse-grabbed** macro WINDOC 70, WINDEX 57, 58
- tv:with-mouse-grabbed-on-sheet** macro RN 74, WINDOC 71, WINDEX 57, 59
- tv:with-mouse-usurped** macro WINDOC 72, WINDEX 76, 78
- undefmethod** macro FLAV 30, 58
- unless** macro FLOW 5
- when** macro FLOW 5
- with-foo-bound-to-nil** macro NOTA 2
- with-input-editing** macro RN 59, STR 50
- with-open-file-case** macro STR 59
- with-open-stream** macro TOOLS 118
- with-open-stream-case** macro STR 60
- zwei:defmajor** macro RN 127
- zwei:defminor** macro RN 127
- zwei:with-editor-stream** macro MISCUI 19
- Call Last Kbd Macro (c-X E) TOOLS 59
- Deinstall Macro (m-X) TOOLS 59
- Install Macro (m-X) TOOLS 59
- Install Mouse Macro (m-X) TOOLS 59
- Name Last Kbd Macro (m-X) TOOLS 59
- Deinstall Macro (m-X) Zmacs command ZMACS 186
- Install Macro (m-X) Zmacs command ZMACS 186
- Name Last Kbd Macro (m-X) Zmacs command ZMACS 185
- View Kbd Macro (m-X) Zmacs command ZMACS 184
- :macro** argument to **setsyntax** PRIM 107
- Macro character RN 17, PRIM 98
- Backquote (') macro character PRIM 98
- Comma (,) macro character PRIM 98
- Quote (") macro character PRIM 98
- Semicolon (;) macro character PRIM 98
- Sharp sign (#) macro character PRIM 98
- Macro characters NOTA 1, PRIM 98
- Macro defining macros DEFS 1
- macro definitions MAC 7
- Macro Expand Expression ZMACS 165
- Macro Expand Expression (c-sh-M) TOOLS 96
- Macro Expand Expression (m-X) Zmacs command ZMACS 165
- Macro Expand Expression All ZMACS 165
- Macro Expand Expression All (m-X) TOOLS 96

- c-sh-M (Macro Expand Expression) TOOLS 96
- Macro expander functions MAC 26
- Macro expansion STOR 6
- Macro expansion in compiler process FUNC 10
- Displaced macro expansions MAC 29
- MACRO key 3600 3
- macro** Maclisp type FUNC 11
- Macro PC status information RN 137
- Decoding Macro Pcs NETIO 16
- Kbd Macro Query ZMACS 185
- macro** special form FUNC 11, MAC 1, 3
- si:** **macro** syntax description RN 18, PRIM 106
- Hints to Macro Writers MAC 15
- End Kbd Macro Zmacs command ZMACS 183
- c-X E (Call Last Kbd Macro) TOOLS 59
- #M** macro-character COMP 23
- #Q** macro-character COMP 23
- macro-compiled-program** variable 3600 29
- Macro-defining macros MAC 5, 7
- macro: **#B** RN 18
- macro: **#|** and **|#** RN 83
- macro: **swapf** RN 82
- macro: **sys:with-open-file-search** RN 69
- macro: **tv:with-mouse-grabbed-on-sheet** RN 74
- macro: **with-input-editing** RN 59
- Macrocoded functions FUNC 10
- macroexpand** function MAC 33
- macroexpand-1** function MAC 33
- Macros FUNC 7, 11, MAC 1
- macros PRIM 99
- #** reader Macros MAC 27
- Aid for Debugging Macros MAC 5
- Aids for Defining macros DEFS 7, 17, 19
- Alterant Macros DEFS 16
- By-position Constructor macros PRIM 98
- Comments in Constructor Macros DEFS 15, 19
- Creating New Commands: Keyboard Macros ZMACS 183
- Displacing Macros MAC 29
- Expanding macros TOOLS 93
- Functions to Expand Macros MAC 33
- Introduction to Macros MAC 1
- Introduction to Structure Macros DEFS 1
- Keyboard macros TOOLS 59
- Lambda Macros MAC 3
- Macro defining macros DEFS 1
- Macro-defining macros MAC 5, 7
- Name Conflicts: Macros MAC 15
- Nesting Macros MAC 24
- Number-sign introducing reader macros NOTA 1
- Sharp sign reader macros PRIM 99
- Sort Via Keyboard Macros ZMACS 186
- Symbol Macros MAC 13
- Using the Constructor and Alterant Macros DEFS 15
- Sort Via Keyboard Macros (m-X) Zmacs command ZMACS 100
- Macros expanded to Lisp functions MAC 3
- Macros Expanding Into Many Forms MAC 18
- Macros in a Different Area STOR 6
- Macros That Surround Code MAC 20
- macros **zwei:defmajor** and **zwei:defminor** RN 127
- macros: **si:read-recursive** RN 83
- Macsyma mode ZMACS 18, 144
- magnetic tape TAPE 1
- magnetic tape SITE 4
- Magnetic Tape TAPE 1
- Mail LMS 28, NETIO 64
- mail DEBUG 9, 15
- mail ZMAILT 11
- Mail ZMAILC 25
- Streams that read or write
- Writing contents of files to
- Writing Programs That Use
- Bug
- Getting new
- Managing Your

Symbolics, Inc. March 1984

- Messages and
 - New
 - Reading
 - Reading Your
 - Replying to
 - Send
 - Sending
 - Sending and Reading
 - Sending Your
 - Check for New
- Deleting messages from
- Messages in a
- Restoring messages to
- Undeleting messages in
 - Expunging
 - Killing
 - Renaming
 - Saving
 - Selecting
 - Creating a
 - Messages in a
 - Operating on a
 - Creating
 - Expunging
 - Killing
 - Naming
- Hints for Using Keywords,
 - Current
 - Default
 - Primary
 - Saving the
 - Select Arbitrary Format
 - BABYL
 - RMAIL
 - TENEX
 - UNIX
 - VAX/VMS
 - Standard
 - Default
 - Other
- Hints for Using Keywords, Mail Collections, and Saving a List of Selecting
 - [Bug]
 - [Forward]
 - [Local]
 - [Mail]
 - [Redistribute]
 - Leaving
 - Enter
- Mail LMS 28
- mail ZMAILT 47, ZMAILC 3, 4
- Mail ZMAILT 47
- Mail ZMAILT 11
- Mail ZMAILT 13
- mail MISCU 1
- Mail ZMAILT 31
- Mail ZMAILT 31
- Mail ZMAILT 8
- Mail (m-X) ZMAILT 50
- [Mail (R)] Zmail command ZMAILC 20
- Mail action summary LMS 28
- mail buffer ZMAILT 13, 59
- mail buffer ZMAILC 30
- mail buffer ZMAILT 13, 59, ZMAILC 18
- mail buffer ZMAILT 13, 59, ZMAILC 18
- Mail buffers ZMAILC 3, 4, 7, 27
- mail buffers ZMAILC 18, 30
- mail buffers ZMAILC 30
- mail buffers ZMAILC 30
- mail buffers ZMAILC 30
- Mail Buffers/Files ZMAILC 27
- Mail Collection ZMAILC 28
- mail collection ZMAILC 30
- Mail Collection ZMAILC 29
- Mail collection commands ZMAILC 28
- Mail collection filters ZMAILC 8
- Mail collection hints ZMAILC 31
- Mail collection messages ZMAILC 29
- Mail collections ZMAILC 3, 17, 28
- mail collections ZMAILC 28
- mail collections ZMAILC 30
- mail collections ZMAILC 30
- mail collections ZMAILC 28
- Mail collections in universes ZMAILC 13
- Mail Collections, and Mail Files ZMAILC 31
- Mail Command ZMAILT 31
- Mail file ZMAILT 11
- mail file ZMAILT 3
- mail file ZMAILC 3, 4
- mail file ZMAILT 11, 47
- Mail File ZMAILT 13
- Mail File (m-X) Zmail command ZMAILC 34
- mail file format ZMAILC 34
- mail file format ZMAILC 34, 35
- mail file format ZMAILC 34, 35
- mail file format ZMAILC 34, 35
- mail file format ZMAILC 34
- Mail File Formats ZMAILC 34
- mail file formats ZMAILC 34
- Mail file hints ZMAILC 31
- mail file names ZMAILC 33
- mail file names ZMAILC 33
- Mail files ZMAILC 3, 7
- Mail Files ZMAILC 31
- Mail Files ZMAILC 28
- mail files ZMAILC 27
- [Mail files] Profile Mode menu item ZMAILC 27, 28
- mail function MISCU 1
- Mail help facilities LMS 28
- Mail menu item ZMAILT 31
- Mail menu item ZMAILT 31, ZMAILC 20
- Mail menu item ZMAILT 31
- Mail menu item ZMAILT 31
- Mail menu item ZMAILT 31, ZMAILC 20
- Mail mode ZMAILT 3, 40, 44, 46
- Mail Mode ZMAILT 46
- mail mode recursively ZMAILT 47

| | | |
|---------------------------------|---|--------------------|
| | MAIL pathname type abbreviation | FILE 44 |
| | MAIL protocol | NETIO 64 |
| | MAIL protocol reply | NETIO 64 |
| Bug | mail recipients | ZMAILT 33 |
| Current | mail sequence | ZMAILC 3 |
| Expunging current | mail sequence | ZMAILC 30 |
| Rearranging | mail sequence commands | ZMAILC 21 |
| | Mail sequences | ZMAILC 3 |
| | Mail server message | ZMAILT 35 |
| | Mail window | ZMAILT 13, 42 |
| | mail-address: user object attribute | PROT 11 |
| | mail-to-user Service | PROT 57 |
| | Mailer program | ZMAILC 3, 5 |
| BUG-LISPM | mailing list | COND 44 |
| | Mailing lists | ZMAILC 35 |
| | [Mail] Mail menu item | ZMAILT 31 |
| | [Mail] Zmail menu item | ZMAILT 8, 17, 31 |
| LM-2 | main memory | NETIO 107 |
| | Main Zmail window | ZMAILC 3, 5 |
| | Main-Zmail-Window-System menu item | ZMAILT 17 |
| | Maintaining a Patchable System on the LM-2 and | 3600 3600 30 |
| | Maintaining parallel systems | 3600 30 |
| | Maintaining Parallel Systems for the LM-2 and the | 3600 MAINT 19 |
| | :maintaining-sites option for defsystem | MAINT 3 |
| | maintenance | NETIO 63 |
| | maintenance | MAINT 27 |
| Network | Maintenance | SCROLL 13 |
| System | Maintenance Commands | SITE 1 |
| Virtual List | Maintenance menu item | SITE 1 |
| File System | Maintenance menu item | SITE 1 |
| [Complete Dump] File System | Maintenance menu item | SITE 1 |
| [Flush Free Buffer] File System | Maintenance menu item | SITE 1 |
| [Flush Timeout] File System | Maintenance menu item | SITE 1 |
| [Free Records] File System | Maintenance menu item | SITE 1 |
| [HELP] File System | Maintenance menu item | SITE 1 |
| [Incremental Dump] File System | Maintenance menu item | SITE 1 |
| [Lisp Window] File System | Maintenance menu item | SITE 1 |
| [Maintenance] File System | Maintenance menu item | SITE 1 |
| [Print Disk Label] File System | Maintenance menu item | SITE 1 |
| [Print Herald] File System | Maintenance menu item | SITE 1 |
| [QUIT] File System | Maintenance menu item | SITE 1 |
| [Reload/Retrieve] File System | Maintenance menu item | RN 151, SITE 1 |
| [Salvage] File System | Maintenance menu item | SITE 1 |
| [Server Errors] File System | Maintenance menu item | SITE 1 |
| [Server Shutdown] File System | Maintenance menu item | SITE 1 |
| [Tree edit any] File System | Maintenance menu item | FSED 1, SITE 1 |
| [Tree edit Homedir] File System | Maintenance menu item | FSED 1, SITE 1 |
| [Tree edit root] File System | Maintenance menu item | FSED 1, SITE 1 |
| [Active Structure Edit] | Maintenance Operations menu item | SITE 1 |
| [Check Records] | Maintenance Operations menu item | SITE 1 |
| [Close All Files] | Maintenance Operations menu item | SITE 1 |
| [Edit FSPT] | Maintenance Operations menu item | FILE 68 |
| [Expunge All FS] | Maintenance Operations menu item | SITE 1 |
| [Initialize] | Maintenance Operations menu item | SITE 1 |
| MNT | Maintenance packet | NETIO 60 |
| File System | Maintenance Program | SITE 1 |
| Free Records: File System | Maintenance Program | SITE 13 |
| | [Maintenance] File System Maintenance menu | item SITE 1 |
| | Major and Minor mode system | RN 127 |
| Summary of the | Major Changes | INED 3 |
| | Major Changes in the Keyboard | 3600 5 |
| | Major Editing Modes | ZMACS 144 |
| | major mode | ZMACS 182 |
| Default | Major Mode | ZMACS 143 |
| Setting the | major mode for file | STR 72 |
| Editor | Major Modes | ZMACS 182, FILE 19 |
| | major modes | FILE 19 |

- File types and
 - File types of
 - User-defined
- major modes ZMACS 182
- major modes ZMACS 182
- major modes ZMACS 182
- Major version MAINT 30
- Major version number MAINT 27
- Major-mode ZMACS 18
- Major-mode-setting command RN 126
- Major-mode-setting Commands Now Query About Updating File Attribute List RN 126
- zwei:**
 - *major-mode-translations*** Lisp variable ZMACS 182
 - Make region ZMACS 49
 - Make Room ZMACS 153
 - make-area** 3600 29, STOR 2, 5
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29, STOR 2
 - make-area** 3600 29
 - make-area** STOR 2
 - make-area** 3600 29
 - make-area** STOR 2
 - make-area** STOR 2
 - make-area** command STOR 5
 - make-area** function 3600 29, STOR 2
 - make-array** ARR 7, INT 57
 - make-array** RN 78
 - make-array** ARR 4, 7
 - make-array** ARR 4, 7
 - make-array** INT 57
 - make-array** ARR 7
 - make-array** ARR 7
 - make-array** ARR 7
 - make-array** ARR 7
 - make-array** ARR 7, INT 57
 - make-array** function RN 16, ARR 4, 7, INT 57
 - make-array** is obsolete RN 16
 - :make-array** option for **defstruct** DEFS 7
 - :make-array** symbol DEFS 15
 - make-array-into-named-structure** function DEFS 25
 - tv:**
 - make-blinker** function TOOLS 129, TOOLS 129, WINDOC 64
 - make-broadcast-stream** function STR 19
 - make-color-font** function WINDOC 63
 - :make-complete** option for **fquery** MISCUI 10
 - make-condition** function COND 26
 - si:**
 - make-coroutine-bidirectional-stream** function RN 91, STR 24
 - si:**
 - make-coroutine-input-stream** function RN 91, STR 23
 - si:**
 - make-coroutine-output-stream** function RN 91, STR 23
 - make-equal-hash-table** function PRIM 45
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** function TOOLS 118, TOOLS 118, HARD 10
 - make-hash-table** function PRIM 44
 - make-instance** function FLAV 13, 24
 - :make-item** message WINDEX 24
 - :gc** option for
 - :name** option for
 - :pdl** option for
 - :read-only** option for
 - :region-size** option for
 - :representation** option for
 - :room** option for
 - :size** option for
 - :swap-recommendations** option for
 - sys:%%region-map-bits** option for
 - sys:%%region-map-bits** option for
 - sys:%%region-scavenge-enable** option for
 - sys:%%region-space-type** option for
 - :area** option for
 - :displaced-conformally** option for
 - :displaced-index-offset** option for
 - :displaced-to** option for
 - :initial-value** option for
 - :leader-length** option for
 - :leader-list** option for
 - :named-structure-symbol** option for
 - :type** option for
 - Nonkeyword form of
 - tv:**
 - make-blinker** function TOOLS 129, TOOLS 129, WINDOC 64
 - make-broadcast-stream** function STR 19
 - make-color-font** function WINDOC 63
 - :make-complete** option for **fquery** MISCUI 10
 - make-condition** function COND 26
 - si:**
 - make-coroutine-bidirectional-stream** function RN 91, STR 24
 - si:**
 - make-coroutine-input-stream** function RN 91, STR 23
 - si:**
 - make-coroutine-output-stream** function RN 91, STR 23
 - make-equal-hash-table** function PRIM 45
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** function TOOLS 118, TOOLS 118, HARD 10
 - make-hash-table** function PRIM 44
 - make-instance** function FLAV 13, 24
 - :make-item** message WINDEX 24
 - color:**
 - make-blinker** function TOOLS 129, TOOLS 129, WINDOC 64
 - make-broadcast-stream** function STR 19
 - make-color-font** function WINDOC 63
 - :make-complete** option for **fquery** MISCUI 10
 - make-condition** function COND 26
 - si:**
 - make-coroutine-bidirectional-stream** function RN 91, STR 24
 - si:**
 - make-coroutine-input-stream** function RN 91, STR 23
 - si:**
 - make-coroutine-output-stream** function RN 91, STR 23
 - make-equal-hash-table** function PRIM 45
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** function TOOLS 118, TOOLS 118, HARD 10
 - make-hash-table** function PRIM 44
 - make-instance** function FLAV 13, 24
 - :make-item** message WINDEX 24
 - si:**
 - make-coroutine-bidirectional-stream** function RN 91, STR 24
 - si:**
 - make-coroutine-input-stream** function RN 91, STR 23
 - si:**
 - make-coroutine-output-stream** function RN 91, STR 23
 - make-equal-hash-table** function PRIM 45
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 10
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** HARD 11
 - make-hardcopy-stream** function TOOLS 118, TOOLS 118, HARD 10
 - make-hash-table** function PRIM 44
 - make-instance** function FLAV 13, 24
 - :make-item** message WINDEX 24
 - :convert-to-device-units** method of **si:**
 - :eject-page** method of **si:**
 - :set-cursorpos** method of **si:**
 - :set-font** method of **si:**
 - :show-line** method of **si:**
 - :show-rectangle** method of **si:**
 - :un-relative-coordinates** method of **si:**
 - si:**

- :allow-unknown-keywords** option for
 - :regular-pdl-area** option for
 - :regular-pdl-size** option for
 - :safe** option for
 - :sg-area** option for
 - :special-pdl-area** option for
 - :special-pdl-size** option for
 - :swap-sv-of-sg-that-calls-me** option for
 - :swap-sv-on-call-out** option for
 - :trap-enable** option for

 - :density** option to **tape:**
 - :direction** option to **tape:**
 - :host** option to **tape:**
 - :input-stream-mode** option to **tape:**
 - :lock-reason** option to **tape:**
 - :minimum-record-length** option to **tape:**

 - :no-bot-prompt** option to **tape:**
 - :norewind** option to **tape:**
 - :pad-char** option to **tape:**
 - :prompt** option to **tape:**
 - :record-length** option to **tape:**
 - :reel** option to **tape:**
 - :unit** option to **tape:**
 - chaos:**
 - tape:**
 - The **tape:**

 - Changes to

 - :batch** option for
 - :batch** option to
 - :compile** option for
 - :increment-patch** option for
 - :no-increment-patch** option for
 - :noconfirm** option for
 - :noload** option for
 - :noop** option for
 - :nowarn** option for
 - :print-only** option for
 - :recompile** option for
 - :reload** option for
 - :selective** option for
 - :silent** option for
 - :update-directory** option for
 - :version** option for
 - Adding New Keywords to
 - :latest** symbol in
 - :newest** symbol in
 - :released** symbol in

 - si:**
 - si:**
 - si:**

 - Improvements to
 - tv:**

 - Introduction to
- make-stack-group** 3600 29
 - make-stack-group** 3600 29, INT 5
 - make-stack-group** 3600 29, INT 5
 - make-stack-group** 3600 29, INT 5
 - make-stack-group** 3600 29, INT 5
 - make-stack-group** 3600 29, INT 5
 - make-stack-group** 3600 29, INT 5
 - make-stack-group** INT 5
 - make-stack-group** INT 5
 - make-stack-group** INT 5
 - make-stack-group** function 3600 29, INT 5
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - :minimum-record-length-granularity** option to **tape:**
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** TAPE 1
 - make-stream** function RN 107, NETIO 88
 - make-stream** function TAPE 1
 - make-stream** Function TAPE 1
 - make-symbol** function PRIM 59, PKG 7, 40
 - make-syn-stream** RN 20
 - make-syn-stream** function RN 20, STR 19
 - make-system** MAINT 13
 - make-system** TOOLS 73
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** 3600 30, MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 13
 - make-system** MAINT 21
 - make-system :version** option MAINT 13
 - make-system :version** option MAINT 13
 - make-system :version** option MAINT 13
 - make-system** function TOOLS 73, MAINT 11, 13
 - make-system** keywords MAINT 13
 - make-system** options TOOLS
 - *make-system-forms-to-be-evald-after***
 - variable MAINT 21
 - *make-system-forms-to-be-evald-before***
 - variable MAINT 21
 - *make-system-forms-to-be-evald-finally***
 - variable MAINT 21
 - make-system: error-restart**, selective
 - transformations RN 94
 - make-window** function TOOLS 104, 114, 117, 120, WINDOC 23, SCROLL 3
 - :make-window** option for **defresource** WINDEX 58
 - Making a System MAINT 13
 - Making a System MAINT 1

- Making patches 3600 30, MAINT 34
- Making Standalone Editor Windows MISCUI 23
- Making Your Own Stream STR 19
- maknam** function ARR 36
- makunbound** function PRIM 54, 55
- makunbound-globally** PRIM 54
- makunbound-in-closure** function FUNC 36
- Management RN 151
- Management (LM-2 Only) NETIO 105
- management of areas STOR 1
- management of storage areas STOR 1
- manager WINDOC 3, 13
- Manager WINDOC 13
- Manager Background Process WINDOC 13
- Managing the Namespace Database PROT 21
- Managing Your Mail ZMAILC 25
- Manipulate Definitions FUNC 16
- Manipulating Buffers and Files ZMACS 101
- Manipulating column geometry MENU 15
- manipulating commands NETIO 77
- manipulating defaults FILE 23
- manipulating files ZMACS 119
- Manipulating graphic representations WINDEX 74
- Manipulating List Structure PRIM 11
- Manipulating Messages ZMAILC 17
- Manipulating pathname property lists FILE 32
- Manipulating the control stack DEBUG 9, 15
- Manipulating the Label SITE 17
- Manipulating the local file system SITE 1
- Manipulating the readtable PRIM 104
- manipulation PRIM 77
- manipulation FILE 55
- Manipulation INT 13
- Manipulation Commands ZMACS 119
- manipulation functions 3600 29, PRIM 78
- Manipulations 3600 29
- Adding Bug Lists to Zmail: Zmail Tutorial and Reference Manual ZMAILT 33
- Manual ZMAILT 6
- Manual ZMAILT 11
- Manual ZMAILT 11
- Manual ZMAILT 15
- Manual ZMAILT 1
- manual ZMACS 2
- Manually COND 36
- Manuals ZMAILT 23
- Many Forms MAC 18
- map WINDOC 19
- map SITE 5
- map INT 72
- map WINDOC 23, 54
- map SITE 13
- map facility NETIO 105
- map** function FLOW 32
- Map Management (LM-2 Only) NETIO 105
- map meters INT 30
- Map over menu item ZMAILC 21, 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 17, 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30
- Map Over menu item RN 130, ZMAILC 30
- Map Over menu item RN 130
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30
- Map over menu item ZMAILC 30, 31
- Release 5.0: Operations and Site
 - UNIBUS Map
 - Storage
 - Memory
 - Screen
 - The Screen
 - Screen
- How Programs
 - Chaosnet
 - Commands for
 - Bit
 - Maclisp file
 - Pointer
 - File
 - Byte
 - Bit and Byte
- Command Menu: Zmail Tutorial and Reference
- Encryption Available: Zmail Tutorial and Reference
- Fonts in Messages: Zmail Tutorial and Reference
- Format of the Rest of This
- Introduction: Zmail Tutorial and Reference
 - Organization of this
 - Invoking Restart Handlers
 - Reference
- Macros Expanding into
 - Color
 - Dump
 - FEP file data
 - Font
 - Free record
 - UNIBUS
- UNIBUS
- Invalid virtual-memory
 - [Concatenate]
 - [Delete]
 - [Find String]
 - [Forward]
 - [Keywords]
 - [Move]
 - [Redistribute]
 - [Reply]
 - [Select Conversation]
 - [Type]
 - [Undelete]
 - [Unkeywords]

- [By individual filters] Map over Move menu item ZMAILC 30
- [Find file] Map over Move menu item ZMAILC 31
- New [map Over] Menu Item: [reply] RN 130
- New [map Over] Menu Item: [select Conversation] RN 130
- [Map over] Zmail menu item ZMAILC 17, 19, 20, 21, 30, 31
- :**map-block-no** message INT 72
- :**map-hash** message PRIM 45
- meter:** **map-over-functions-in-bucket** function RN 52, INT 86
- zwei:** **map-over-universe** message ZMAILC 13
- neti:** **map-packet-buffers** function PROT 69
- Functions moved from the **si** package to **global:** **deallocate-whole-resource**, **map-resource** RN 13
- si:** **map-resource** function RN 14, STOR 21
- si:** **map-unibus-page** function NETIO 106
- Map-valid bit NETIO 107
- mapatoms** function PKG 42
- Optional argument to **mapatoms-all** and **where-is** eliminated RN 7
- mapatoms-all** function RN 7, PKG 42, 57
- mapc** function FLOW 32
- mapcan** function FLOW 33
- mapcar** function FLOW 32
- mapcon** function FLOW 33
- maphash** function 3600 31, PRIM 47
- maphash-equal** function PRIM 47
- maplist** function FLOW 32
- Mapper TAPE 9, 12
- Mapping FLOW 31
- Wildcard Directory Mapping FILE 21
- Wildcard Pathname Mapping FILE 19
- Wildcard Directory Mapping Available RN 92
- Mapping Between Names and Packages PKG 41
- Mapping from names to symbols PKG 1
- Mapping names to objects PROT 3
- Mapping Names to Symbols PKG 37
- Mapping registers NETIO 107
- Supdup Key Mappings 3600 8
- MAR 3600 32
- The MAR DEBUG 37
- MAR feature region INT 28
- %**mar-high** variable INT 28
- %**mar-low** variable INT 28
- mar-mode** function DEBUG 37
- Choice boxes in bottom of **margin** MENUS 91
- Window **margin** WINDOC 19, 77, 83
- Right **margin** character flag WINDOC 23
- The **Margin** Choice Facility MENUS 91
- Margin** Choices MENUS 2
- Margin** item WINDOC 83
- Margin** item flavors WINDOC 83
- Margin** item messages WINDOC 83
- Region Right **Margin** Mode ZMACS 194
- Margin** region MENUS 91
- Margin** scrolling WINDEX 76
- Border **margin** width WINDOC 83
- :**margin-choices** init option for **tv:** **margin-choice-mixin** MENUS 92
- :**set-margin-choices** message **tv:** **margin-choice-mixin** MENUS 92
- tv:** **margin-choice-mixin** Example MENUS 92
- The **tv:** **margin-choice-mixin** Flavor MENUS 91
- tv:** **margin-choice-mixin** flavor MENUS 91
- tv:** **margin-choice-mixin** Init-plist Option MENUS 92
- tv:** **margin-choice-mixin** Messages MENUS 92
- :**margin-choices** init option for
- tv:choose-variable-values** MENUS 63
- :**margin-choices** init option for
- tv:choose-variable-values-window** MENUS 74

- tv:**
 - :set-space** method of **tv:**
 - :space** init option for **tv:**
 - :space** method of **tv:**
New flavor: **tv:**
 - tv:**
 - QFILE
 - Set Pop
 - Single quotation
 - Swap Point And
 - Set Pop
 - Swap Point And
 - c-m-H
 - Commands to
 - M:
 - c-X H
 - c-SPACE (Set Pop
 - c-X c-X (Swap Point And
Break on exit from
 - Region
 - QFILE Asynchronous
 - QFILE CLOSE and Synchronous
 - QFILE Errors and Asynchronous
 - QFILE synchronous
 - QFILE
 - Mouse buttons, bit
 - List
 - Insert
 - List
 - Help reference
 - Reference
 - Reference
 - Reference
 - Reference
 - Reference
 - Reference
 - Reference
 - :margin-choices** init option for
tv:margin-choice-mixin MENUS 92
 - margin-scroll-mixin** flavor WINDEX 76, 78
 - margin-space-mixin** RN 75
 - margin-space-mixin** RN 75
 - margin-space-mixin** RN 75
 - margin-space-mixin** RN 74
 - margin-space-mixin** flavor RN 75
 - :margins** method of **tv:sheet** WINDOC 82
 - Margins, Borders, and Labels WINDOC 83
 - Mark ZMACS 74
 - mark PROT 86
 - Mark ZMACS 76
 - mark NOTA 1
 - Mark ZMACS 77
 - Mark (c-SPACE) TOOLS 55
 - Mark (c-X c-X) TOOLS 55
 - Mark Beginning ZMACS 81
 - Mark buffer ZMACS 81
 - Mark Definition ZMACS 80
 - Mark Definition (c-m-H) TOOLS 57
 - (Mark Definition) TOOLS 57
 - Mark End ZMACS 81
 - Mark Lisp expression ZMACS 80
 - Mark Page ZMACS 81
 - Mark Paragraph ZMACS 80
 - Mark region ZMACS 49
 - Mark Regions ZMACS 80
 - Mark Sexp ZMACS 80
 - [Mark survey] Select menu item ZMAILC 28
 - Mark thing mouse click ZMACS 49
 - Mark Whole ZMACS 81
 - Mark Whole (c-X H) TOOLS 59
 - (Mark Whole) TOOLS 59
 - Mark Word ZMACS 80
 - Mark) TOOLS 55
 - Mark) TOOLS 55
 - marked frame message COND 43
 - Marking messages ZMAILC 28
 - Marking mode ZMAILT 3
 - Marking Mode ZMACS 194
 - Marking text ZMACS 80
 - Marks PROT 124
 - Marks PROT 108
 - Marks PROT 123
 - marks PROT 108
 - Marks and EOF Packets PROT 94
 - mask MENUS 29
 - mask-field** function PRIM 79
 - :matcher** option for **defresource** STOR 18
 - Matching Lines (m-X) TOOLS 53
 - Matching parentheses ZMACS 164
 - Matching Symbols (m-X) TOOLS 35
 - material LMS 7
 - material LMS 7
 - Material: Application: Handlers Examining the
Stack COND 17
 - Material: Default Handlers and Complex
Modularity COND 30
 - Material: Establishing Handlers COND 10
 - Material: Packets PROT 65
 - Material: Proceeding COND 41
 - Material: Restart Handlers COND 34
 - Material: Signalling Conditions COND 25
 - Material: Starting Servers PROT 83
 - math:decompose** function ARR 20
 - math:determinant** function ARR 20
 - math:fill-2d-array** function ARR 20

- math:invert-matrix** function ARR 19
- math:list-2d-array** function ARR 20
- math:multiply-matrices** function ARR 19
- math:singular-matrix** flavor COND 55
- math:solve** function ARR 20
- math:transpose-matrix** function ARR 19
- Matrices and Systems of Linear Equations ARR 19
- Singular
 - matrix operation error COND 55
 - Matrix operations ARR 19
 - max** function PRIM 67
 - maximize** clause FLOW 42, 48
 - maximize** keyword FLOW 42
 - Maximum number of list elements to be printed PRIM 92
 - Maximum packet size NETIO 81
 - may-transmit** function NETIO 90
 - neti:**
 - maybe-packet-buffer-panic** function PROT 69
 - mcr** partition SIG 40
 - MCR partitions FILE 71
 - MDL programming environment FLOW 35
 - Mean FED 13
 - Meaning of argument changed for **fs:parse-pathname** RN 32
 - meaning of mouse clicks ZMACS 49
 - mechanism COND 43
 - mechanism COND 4
 - Mechanism PROT 75
 - Mechanism COND 23, 29
 - Mechanism in Zmacs RN 125
 - medfnb** font WINDOC 54
 - medfnt** font WINDOC 54
 - Media PROT 36, 42
 - Media PROT 53
 - Media PROT 54
 - Media PROT 53
 - :byte-stream** medium PROT 82
 - :chaos** medium PROT 50
 - :datagram** medium PROT 82
 - :local** medium PROT 42
 - :pseudonet** medium PROT 42
 - Encapsulated
 - Medium Arguments PROT 82
 - :medium** day-of-the-week-representation MISCUI 7, 8
 - :medium** option for **net:define-server** PROT 50
 - :medium** step type PROT 42
 - medium type PROT 50
 - Mediums PROT 76
 - mem** function PRIM 33
 - memass** function PRIM 38
 - member** function PRIM 33
 - memory STOR 15
 - Memory FILE 72
 - memory NETIO 107
 - memory STOR 15
 - memory INT 27
 - Memory Access NETIO 107
 - Memory allocation of conses PRIM 29
 - Memory Board Not Needed in Lbus Slot 0 RN 136
 - Memory cell as property list PRIM 39
 - Memory clearing NETIO 7
 - Memory management of storage areas STOR 1
 - memory reference meters INT 30
 - Memory Referencing INT 17
 - Memory word field variables INT 20
 - memq** function PRIM 32
 - Menu MENUS 7
 - menu** MENUS 97
- What the Lines
 - Current
 - Encapsulation
 - Flavor inheritance
 - Interfacing to the Service Lookup
 - Signalling
 - New Buffer-history
 - fonts:**
 - fonts:**
 - Byte Stream
 - Datagram
 - Defined
 - :byte-stream**
 - :chaos**
 - :datagram**
 - :local**
 - :pseudonet**
 - Encapsulated
- Available virtual
- Lisp Machine Virtual
 - LM-2 main
 - Physical
- Variables in scratchpad
 - Direct
 - Virtual
 - Special
- :activate-p** init option for **tv:**

| | | | |
|-------------------------------------|---------------------|-------------|--|
| :borders | init option for tv: | menu | MENUS 22, 97 |
| :bottom | init option for tv: | menu | MENUS 97 |
| :character-height | init option for tv: | menu | MENUS 97 |
| :character-width | init option for tv: | menu | MENUS 97 |
| :choose | message tv: | menu | MENUS 23 |
| :columns | init option for tv: | menu | MENUS 14, 98 |
| :current-geometry | message tv: | menu | MENUS 14 |
| :deactivate | message tv: | menu | MENUS 23, 101 |
| :deexpose | message tv: | menu | MENUS 101 |
| :default-font | init option for tv: | menu | MENUS 22, 98 |
| :edges | init option for tv: | menu | MENUS 98 |
| :edges-from | init option for tv: | menu | MENUS 98 |
| :execute | message tv: | menu | MENUS 23 |
| :expose | message tv: | menu | MENUS 101 |
| :expose-p | init option for tv: | menu | MENUS 98 |
| :fill-p | init option for tv: | menu | MENUS 14, 98 |
| :fill-p | message tv: | menu | MENUS 14 |
| :font-map | init option for tv: | menu | MENUS 22, 98 |
| :geometry | init option for tv: | menu | MENUS 14, 98 |
| :geometry | message tv: | menu | MENUS 14 |
| :height | init option for tv: | menu | MENUS 98 |
| :inside-height | init option for tv: | menu | MENUS 98 |
| :inside-size | init option for tv: | menu | MENUS 99 |
| :inside-width | init option for tv: | menu | MENUS 99 |
| :item-list | init option for tv: | menu | MENUS 22, 99 |
| :label | init option for tv: | menu | MENUS 22, 99 |
| :left | init option for tv: | menu | MENUS 99 |
| :minimum-height | init option for tv: | menu | MENUS 99 |
| :minimum-width | init option for tv: | menu | MENUS 99 |
| :name | init option for tv: | menu | MENUS 99 |
| :position | init option for tv: | menu | MENUS 99 |
| :refresh | message tv: | menu | MENUS 101 |
| :reverse-video-p | init option for tv: | menu | MENUS 99 |
| :right | init option for tv: | menu | MENUS 99 |
| :rows | init option for tv: | menu | MENUS 14, 100 |
| :screen | init option for tv: | menu | MENUS 100 |
| :set-default-font | message tv: | menu | MENUS 101 |
| :set-edges | message tv: | menu | MENUS 101 |
| :set-fill-p | message tv: | menu | MENUS 14 |
| :set-geometry | message tv: | menu | MENUS 14 |
| :set-item-list | message tv: | menu | MENUS 101 |
| :set-label | message tv: | menu | MENUS 102 |
| :top | init option for tv: | menu | MENUS 100 |
| :vsp | init option for tv: | menu | MENUS 22, 100 |
| :width | init option for tv: | menu | MENUS 100 |
| :x | init option for tv: | menu | MENUS 100 |
| :y | init option for tv: | menu | MENUS 100 |
| Adding an item to the System | | Menu | MENUS 38 |
| Adding item to | | menu | MENUS 35 |
| Character Select | | menu | FED 5 |
| Choice Boxes | | Menu | TAPE 17 |
| Choose Variable Values | | Menu | TAPE 14 |
| Command | | menu | WINDEX 74, ZMAILT 3, ZMAILC 5, TAPE 17 |
| Components of a | | Menu | MENUS 8 |
| Dired | | menu | ZMACS 135, 136 |
| Draw mode | | menu | FED 5, 11, 32 |
| Expunge/Save/Kill | | menu | ZMAILT 47 |
| [Filters] Profile Mode | | menu | ZMAILC 25 |
| Font Parameters | | menu | FED 5 |
| Geometry Example 1: A Multicolumned | | Menu | MENUS 15 |
| Init-plist Options for tv: | | menu | MENUS 97 |
| Left edge of | | menu | MENUS 100 |
| Messages Accepted by tv: | | menu | MENUS 101 |
| Momentary | | menu | MENUS 19, 23 |
| Multicolumn | | menu | MENUS 15 |
| Multiple choice | | menu | MENUS 51 |
| Redraw | | menu | MENUS 101 |
| Save-Exit | | menu | ZMAILT 17 |

Symbolics, Inc. March 1984

| | |
|--|--|
| System | menu LMS 14, ZMACS 30 |
| The Draw Mode | Menu FED 32 |
| The Editor | Menu ZMACS 39 |
| The Font Parameters | Menu FED 33 |
| The Geometry of a | Menu MENUS 13 |
| Top edge of | menu MENUS 100 |
| tv:momentary-menu Example 1: Simple Momentary | Menu MENUS 23 |
| Using the mouse in the draw mode | menu FED 32 |
| Using the mouse in the Font Parameters | menu FED 33 |
| Using the mouse to call up System | menu ZMACS 30 |
| Vertical spacing between lines in | menu MENUS 22, 100 |
| | Menu and Keyboard Commands FED 29 |
| Multiple | menu choose MENUS 47 |
| The Multiple | Menu Choose Facility MENUS 47 |
| Instantiable Multiple | Menu Choose Flavors MENUS 49 |
| The Standard Multiple | Menu Choose Function MENUS 2 |
| Multiple | Menu Choose Menus MENUS 2 |
| Multiple | Menu Choose Mixin and Resource MENUS 48 |
| [Select] System | Menu command CONV 1 |
| Editor | menu commands ZMACS 39 |
| Dynamic | Menu Example MENUS 37 |
| Standard Momentary | Menu Example MENUS 19 |
| tv:multiple-choose | Menu Example MENUS 53 |
| Introduction to the | Menu Facilities MENUS 7 |
| tv: | menu flavor MENUS 13, 21, 95, 97, 101 |
| Instantiable Multiple Choice | Menu Flavors MENUS 54 |
| Useful tv: | menu Init-plist Options MENUS 22 |
| The Standard Momentary | Menu Interface MENUS 19 |
| [Abort Send] Editor | menu item ZMAILT 46 |
| [Abort] Filter Creation Display | menu item ZMAILC 10 |
| [Abort] Save-Exit | menu item ZMAILT 17 |
| [Active Structure Edit] Maintenance Operations | menu item SITE 1 |
| [Add Cc Field] Headers Editor | menu item ZMAILT 41 |
| [Add Fcc Field] Headers Editor | menu item ZMAILT 41 |
| [Add From Field] Headers Editor | menu item ZMAILT 41 |
| [Add in Gray] Font Editor | menu item FED 16, 30 |
| [Add in Reply To Field] Headers Editor | menu item ZMAILT 41 |
| [Add More Text] Editor | menu item ZMAILT 42 |
| [Add Subject Field] Headers Editor | menu item ZMAILT 41 |
| [Add To Field] Headers Editor | menu item ZMAILT 41 |
| [And] Filter Creation Display | menu item ZMAILC 10 |
| [Append] Message Summary Line | menu item ZMAILC 21 |
| [ARGPDL] | menu item TOOLS 89 |
| [Ask] Save-Exit | menu item ZMAILT 17 |
| [Before] Filter Creation Display | menu item ZMAILC 31 |
| [Break after] | menu item TOOLS 89 |
| [Break before] | menu item TOOLS 89 |
| [Bug] Mail | menu item ZMAILT 31 |
| [Bury] Edit Screen | menu item WINDOC 13 |
| [By individual filters] Map over Move | menu item ZMAILC 30 |
| [Center View] Font Editor | menu item FED 25, 29 |
| [Change Subject Pronouns] Headers Editor | menu item ZMAILT 41 |
| [Check Records] Maintenance Operations | menu item SITE 1 |
| [Clear all choices] Choice Boxes | menu item TAPE 17 |
| [Clear Gray] Font Editor | menu item FED 15, 30 |
| [Clear Points] Font Editor draw mode | menu item FED 11 |
| [Clear] Inspector | menu item MISCT 5 |
| [Close All Files] Maintenance Operations | menu item SITE 1 |
| [Close] File System Editor | menu item FSED 1 |
| [Close] Filter Creation Display | menu item ZMAILC 10 |
| [Complete Dump] File System Maintenance | menu item SITE 1 |
| [Concatenate] Map over | menu item ZMAILC 21, 30 |
| [Cond after] | menu item TOOLS 89 |
| [Cond before] | menu item TOOLS 89 |
| [Cond break after] | menu item TOOLS 89, 93 |
| [Cond break before] | menu item TOOLS 89, 93 |
| [Configure] Font Editor | menu item FED 5, 29 |
| Cons as | menu item MENUS 9 |

| | | |
|--|-----------|-------------------------------------|
| [Continue] Zmail | menu item | ZMAILT 44, 46 |
| [Create Inferior Directory] File System Editor | menu item | FSED 1 |
| [Create Link] File System Editor | menu item | FSED 1 |
| [Create] System | menu item | WINDOC 2 |
| [Current] Universe Creation Display | menu item | ZMAILC 13 |
| [Decache] File System Editor | menu item | FSED 1 |
| [DeCache] Inspector | menu item | MISCT 1, 5 |
| [Default] Profile Mode | menu item | ZMAILC 7 |
| [Delete] File System Editor | menu item | FSED 1 |
| [Delete] Map over | menu item | ZMAILC 30 |
| [Delete] Zmail | menu item | ZMAILT 13, 59, ZMAILC 5, 18, 29 |
| [Documentation] Filter Creation Display | menu item | ZMAILC 10 |
| [Don't Save] Save-Exit | menu item | ZMAILT 17 |
| [Done] Filter Creation Display | menu item | ZMAILC 10 |
| [Draw Line] Font Editor | menu item | FED 20, 29 |
| [Draw Spline] Font Editor | menu item | FED 20, 29 |
| [Dump] File System Editor | menu item | FSED 1 |
| [Edit] | menu item | TOOLS 9, 76 |
| [Edit Font] Font Editor | menu item | FED 8, 30 |
| [Edit FSPT] Maintenance Operations | menu item | FILE 68 |
| [Edit Link Transparencies] File System Editor | menu item | FSED 1 |
| [Edit Properties] File System Editor | menu item | FSED 1 |
| [Edit Screen] | menu item | TOOLS 61, 123 |
| [Edit Screen] System | menu item | WINDOC 2, 3, 87 |
| [Edit] File System Editor | menu item | FSED 1 |
| [Erase All] Font Editor | menu item | FED 15, 19, 29 |
| [Error] | menu item | TOOLS 89, 92 |
| Executing a | menu item | MENUS 12 |
| [Exit] | menu item | TOOLS 96 |
| [EXIT] Font Editor | menu item | FED 30 |
| [Exit] Inspector | menu item | MISCT 5 |
| [Exit] Profile Mode | menu item | ZMAILC 7 |
| [Expunge All FS] Maintenance Operations | menu item | SITE 1 |
| [Expunge] File System Editor | menu item | FSED 1 |
| [File options] Profile Mode | menu item | ZMAILC 28 |
| [filename / Hardcopy] File System Editor | menu item | HARD 1 |
| [Filters] Profile Mode | menu item | ZMAILC 10, 12, 27 |
| [Filter] Message Summary Line | menu item | ZMAILC 28 |
| [Find file] Map over Move | menu item | ZMAILC 31 |
| [Find file] Zmail | menu item | ZMAILC 27 |
| [Find String] Map over | menu item | ZMAILC 17, 30 |
| [Flip Points] Font Editor draw mode | menu item | FED 11 |
| [Flush Free Buffer] File System Maintenance | menu item | SITE 1 |
| [Flush Timeout] File System Maintenance | menu item | SITE 1 |
| [Forward] Mail | menu item | ZMAILT 31, ZMAILC 20 |
| [Forward] Map over | menu item | ZMAILC 30 |
| [Free Records] File System Maintenance | menu item | SITE 1 |
| [Get inbox] Zmail | menu item | ZMAILT 11, 17, ZMAILC 4 |
| [Gray Char] Font Editor | menu item | FED 15, 21, 30 |
| [Grid Size] Font Editor | menu item | FED 26, 29 |
| [Hardcopy] File System Editor | menu item | FSED 1 |
| [Hardcopy] System | menu item | HARD 1 |
| [Hardcopy] Zmail | menu item | ZMAILC 20 |
| [HELP] File System Maintenance | menu item | SITE 1 |
| [HELP] Font Editor | menu item | FED 30 |
| [Incremental Dump] File System Maintenance | menu item | SITE 1 |
| [Initialize] Maintenance Operations | menu item | SITE 1 |
| [Inspect] | menu item | TOOLS 99 |
| [Inspect] System | menu item | MISCT 1 |
| [Jump] Zmail | menu item | ZMAILT 53, 54, ZMAILC 8, 13, 17, 18 |
| [Keywords] Map over | menu item | ZMAILC 30 |
| [Keywords] Profile Mode | menu item | ZMAILC 25, 26, 27 |
| [Keywords] Zmail | menu item | ZMAILC 8, 25 |
| [Kill] Zmail | menu item | ZMAILC 30 |
| [Lisp Window] File System Maintenance | menu item | SITE 1 |
| List as | menu item | MENUS 9 |
| [List Fonts] Font Editor | menu item | FED 8, 30 |
| [Loaded] Universe Creation Display | menu item | ZMAILC 13 |

Symbolics, Inc. March 1984

| | | |
|--|-----------|----------------------------------|
| [Load] File System Editor | menu item | FSED 1 |
| [Local] Mail | menu item | ZMAILT 31 |
| [Logout] Save-Exit | menu item | ZMAILT 17 |
| [Mail files] Profile Mode | menu item | ZMAILC 27, 28 |
| [Mail] Mail | menu item | ZMAILT 31 |
| [Mail] Zmail | menu item | ZMAILT 8, 17, 31 |
| Main-Zmail-Window-System | menu item | ZMAILT 17 |
| [Maintenance] File System Maintenance | menu item | SITE 1 |
| [Map over] Zmail | menu item | ZMAILC 17, 19, 20, 21, 30, 31 |
| [Mark survey] Select | menu item | ZMAILC 28 |
| [Modify] | menu item | TOOLS 97 |
| [Modify] Inspector | menu item | MISCT 5 |
| [Move (R)] Zmail | menu item | ZMAILC 20 |
| [Move / Hardcopy] Zmail | menu item | HARD 1 |
| [Move Black] Font Editor | menu item | FED 14, 29 |
| [Move Gray] Font Editor | menu item | FED 15, 30 |
| [Move View] Font Editor | menu item | FED 25, 29 |
| [Move Window] Edit Screen | menu item | WINDOC 3 |
| [Move] Map over | menu item | ZMAILC 30 |
| [Move] Zmail | menu item | ZMAILC 8, 20, 27, 28, 29, 30, 31 |
| [New collection] Move | menu item | ZMAILC 28 |
| [New filter] Filter Selection Display | menu item | ZMAILC 10 |
| [New Properties] File System Editor | menu item | FSED 1 |
| [New universe] Universe Selection Display | menu item | ZMAILC 13 |
| [New] Keywords | menu item | ZMAILC 25 |
| [Next] Zmail | menu item | ZMAILT 13, 53, 59, ZMAILC 17 |
| Nil as a | menu item | MENUS 9 |
| nil not a valid | menu item | RN 149 |
| [Not] Filter Creation Display | menu item | ZMAILC 10 |
| [Not] Filter Selection Display | menu item | ZMAILC 8 |
| [Open] File System Editor | menu item | FSED 1 |
| [Or] Filter Creation Display | menu item | ZMAILC 10 |
| [Previous] Zmail | menu item | ZMAILT 13, 53, 59, ZMAILC 17 |
| [Print] | menu item | TOOLS 89 |
| [Print after] | menu item | TOOLS 89 |
| [Print before] | menu item | TOOLS 89 |
| [Print Disk Label] File System Maintenance | menu item | SITE 1 |
| [Print Herald] File System Maintenance | menu item | SITE 1 |
| [Profile] Zmail | menu item | ZMAILC 7 |
| [Prune systems] Choice Boxes | menu item | TAPE 17 |
| [Prune Yanked Headers] Editor | menu item | ZMAILT 47 |
| [QUIT] File System Maintenance | menu item | SITE 1 |
| [Quit] Peek | menu item | MISCU 3 |
| [Quit] Save-Exit | menu item | ZMAILT 17 |
| [Quit] Zmail | menu item | ZMAILT 17 |
| [Read File] Font Editor | menu item | RN 113, FED 27, 30 |
| [Read/Create file] Zmail Select | menu item | ZMAILC 27 |
| [Recycled collection] Move | menu item | ZMAILC 28 |
| [Recycled temporary] Move | menu item | ZMAILC 28 |
| [Redistribute] Mail | menu item | ZMAILT 31, ZMAILC 20 |
| [Redistribute] Map over | menu item | ZMAILC 30 |
| [Reflect] Font Editor | menu item | FED 19, 29 |
| [Reload/Retrieve] File System Maintenance | menu item | RN 151, SITE 1 |
| [Remove] Zmail | menu item | ZMAILC 29 |
| [Rename Char] Font Editor | menu item | FED 9, 30 |
| [Rename] File System Editor | menu item | FSED 1 |
| [Reply] Map Over | menu item | RN 130, ZMAILC 30 |
| [Reply] Zmail | menu item | ZMAILT 13, 35, 44, ZMAILC 19 |
| [Reset] Profile Mode | menu item | ZMAILC 7 |
| [Restore Draft File] Editor | menu item | ZMAILT 44 |
| [Retry] | menu item | TOOLS 76 |
| [Return] | menu item | TOOLS 96, 97 |
| [Return] Inspector | menu item | MISCT 5 |
| [Rotate] Font Editor | menu item | FED 19, 29 |
| [Salvage] File System Maintenance | menu item | SITE 1 |
| [Sample] Filter Creation Display | menu item | ZMAILC 10 |
| [Save Char] Font Editor | menu item | FED 9, 30 |
| [Save Draft As Msg] Editor | menu item | ZMAILT 44 |

| | |
|---|--|
| [Save Draft File] Editor | menu item ZMAILT 44 |
| [Save] Save-Exit | menu item ZMAILT 17 |
| [Save] Zmail | menu item ZMAILT 13, 17, 47, ZMAILC 7, 30, 31 |
| [Search] Jump | menu item ZMAILC 17 |
| [Select Conversation] Map Over | menu item RN 130 |
| [Selective Open] File System Editor | menu item FSED 1 |
| [Select] Zmail | menu item ZMAILC 8, 13, 28, 29 |
| [Send Msg] Editor | menu item ZMAILT 46 |
| [Server Errors] File System Maintenance | menu item SITE 1 |
| [Server Shutdown] File System Maintenance | menu item SITE 1 |
| [Set Points] Font Editor draw mode | menu item FED 11 |
| [Set Sample] Font Editor | menu item FED 23, 30 |
| [Set \] Inspector | menu item MISCT 5 |
| [Show Font] Font Editor | menu item FED 5, 8, 9, 30 |
| [Sort] Zmail | menu item RN 130, ZMAILC 21 |
| [Split Screen] | menu item TOOLS 61, 123 |
| [Split Screen] System | menu item WINDEX 16 |
| [Step] | menu item TOOLS 89, 91 |
| [Stretch Character] Font Editor | menu item FED 21 |
| [Stretch] Font Editor | menu item FED 29 |
| String as | menu item MENUS 9 |
| [Survey] Zmail | menu item ZMAILC 8, 13 |
| [Swap Gray] Font Editor | menu item FED 15, 30 |
| Symbol as | menu item MENUS 9 |
| The Form of | Menu item MENUS 9 |
| [Trace] | menu item TOOLS 87, 91 |
| [Tree edit any] File System Maintenance | menu item FSED 1, SITE 1 |
| [Tree edit Homedir] File System Maintenance | menu item FSED 1, SITE 1 |
| [Tree edit root] File System Maintenance | menu item FSED 1, SITE 1 |
| [Type] Map over | menu item ZMAILC 30 |
| [Undelete] File System Editor | menu item FSED 1 |
| [Undelete] Map over | menu item ZMAILC 30 |
| [Undelete] Zmail | menu item ZMAILT 13, 59, ZMAILC 18 |
| [Universes] Profile Mode | menu item ZMAILC 13, 15 |
| [Unkeywords] Map over | menu item ZMAILC 30, 31 |
| [Unseen] Filter Selection Display | menu item ZMAILC 31 |
| Using the mouse with [List Fonts] Font Editor | menu item FED 33 |
| Using the mouse with [Show Font] Font Editor | menu item FED 9, 33 |
| [View Properties] File System Editor | menu item FSED 1 |
| [View] File System Editor | menu item FSED 1 |
| [Wherein] | menu item TOOLS 89 |
| [Wildcard Delete] File System Editor | menu item FSED 1 |
| [Write Draft File] Editor | menu item ZMAILT 44 |
| [Write File] Font Editor | menu item RN 113, FED 27, 30 |
| Updating | menu item list MENUS 35 |
| :documentation | menu item option MENUS 11, 24 |
| :font | menu item option MENUS 11, 24 |
| | Menu Item Options MENUS 11 |
| :buttons | menu item type MENUS 10, 25, SCROLL 9 |
| :documentation | menu item type SCROLL 9 |
| :eval | menu item type MENUS 10, SCROLL 9 |
| :funcall | menu item type MENUS 10, SCROLL 9 |
| :funcall-with-self | menu item type MENUS 10 |
| :kbd | menu item type MENUS 10, SCROLL 9 |
| :menu | menu item type MENUS 10, SCROLL 9 |
| :no-select | menu item type MENUS 10 |
| :value | menu item type MENUS 10, 12 |
| :window-op | menu item type MENUS 10, 20 |
| New [map Over] | Menu Item: [reply] RN 130 |
| New [map Over] | Menu Item: [select Conversation] RN 130 |
| | Menu Items MENUS 9, 29, SCROLL 9 |
| Gray Plane | Menu Items FED 30 |
| Outside World Interface | Menu Items FED 30 |
| Selecting multiple | menu items MENUS 41 |
| Types of | Menu Items MENUS 10 |
| | Menu Items and Menu Values MENUS 29 |
| Argument to :menu type | menu items can be a menu or a form RN 105 |
| | :menu menu item type MENUS 10, SCROLL 9 |

- tv:multiple-choice**
- Useful **tv:**
- Command
- Multiple
- R2:System
- R:
- Argument to **:menu** type menu items can be a
- The Inspector
- Argument to
- Menu Items and
- Exposing
- Command
- tv:**
- :add-highlighted-item** message **tv:**
- :add-highlighted-value** message **tv:**
- :highlighted-items** init option for **tv:**
- :highlighted-items** message **tv:**
- :highlighted-values** message **tv:**
- :remove-highlighted-item** message **tv:**
- :remove-highlighted-value** message **tv:**
- :set-highlighted-items** message **tv:**
- :set-highlighted-values** message **tv:**
- tv:**
- Command
- Menu Messages MENUS 55
- menu** Messages MENUS 23
- Menu Mixins MENUS 30
- Menu Mixins MENUS 41
- menu mouse click ZMACS 50
- Menu mouse click ZMACS 50
- menu or a form RN 105
- Menu Pane MISCT 5
- :menu** type menu items can be a menu or a
- form RN 105
- Menu Values MENUS 29
- Menu Values MENUS 29
- menu window MENUS 23
- menu within window frame MENUS 31
- :menu-alist** variable type MENUS 59
- menu-choose** function RN 149, MENUS 12, 19
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** MENUS 42
- menu-highlighting-mixin** MENUS 42
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** MENUS 43
- menu-highlighting-mixin** flavor MENUS 41
- Menu: Zmail Tutorial and Reference Manual ZMAILT
- 6
- Menus LMS 13
- Menus MENUS 20
- menus LMS 13
- Menus MENUS 2, 29, FED 5
- Menus MENUS 2, 35
- menus ZMAILC 10
- Menus MENUS 37
- Menus MENUS 31
- Menus MENUS 36
- Menus MENUS 42
- Menus MENUS 21
- Menus MENUS 37
- menus WINDOC 11, MENUS 2, 35
- Menus MENUS 19
- Menus MENUS 2, 41
- Menus MENUS 2
- Menus MENUS 2
- menus MENUS 2, 19, 35
- Menus LMS 12
- menus MENUS 7
- menus FED 5
- menus MENUS 19
- menus MENUS 41
- menus 13 LMS
- Menus with several columns MENUS 2, 47
- Merge ZMACS 114
- Merge (m-X) TOOLS 53
- Merge (m-X) Zmacs command ZMACS 113
- merge-pathnames** function FILE 24
- merge-pathnames-and-set-defaults** function FILE
- 24
- mergef** function FILE 55
- Merging FILE 13
- Merging lines ZMACS 20
- Merging pathname components FILE 13, 24
- Message FLAV 1
- message PROT 79
- message WINDOC 47, STR 46
- message PROT 71
- message PROT 79
- Basic and Mixin Pop-up and Momentary
- Choose-variable-values
- Command
- Dynamic Item List
- Filter
- Init-plist Option for Dynamic
- Instantiable Command
- Instantiable Dynamic Item List
- Instantiable Multiple
- Instantiable Pop-up and Momentary
- Messages to Dynamic
- Momentary
- Momentary and Pop-up
- Multiple
- Multiple Choice
- Multiple Menu Choose
- Pop-up
- The Mouse and
- Using the mouse with
- Using the mouse with Font Editor
- Using the mouse with momentary
- Using the mouse with multiple
- Momentary
- Source Compare
- Source Compare
- Source Compare
- fs:**
- fs:**
- Maclisp
- Defaults and
- :accept**
- :activation** option for **:rubout-handler**
- :add-network**
- :address-resolution-parameters**

| | | |
|---|---------|--------------------|
| :advance-input-buffer | message | STR 17 |
| :allocate | message | INT 71 |
| :allocate-packet | message | PROT 73 |
| :beep | message | STR 15 |
| :bitbit | message | WINDOC 33 |
| :block-in | message | INT 73 |
| :block-length | message | INT 73 |
| :block-out | message | INT 73 |
| :bug-report-description | message | COND 45 |
| :bug-report-recipient-system | message | COND 44 |
| :canonical-type | message | FILE 17 |
| :change-of-size-or-margins | message | WINDEX 7 |
| :change-properties | message | STR 77 |
| :change-property | message | INT 74 |
| :characters | message | STR 11, 76 |
| :choose | message | MENUS 12, 29 |
| :class | message | PROT 29 |
| :clear-hash | message | PRIM 45 |
| :clear-input | message | STR 14 |
| :clear-output | message | STR 14 |
| :clear-screen | message | STR 16 |
| :close | message | STR 15 |
| :command option for :rubout-handler | message | WINDOC 47, STR 46 |
| :create-data-map | message | INT 72 |
| :creation-date | message | STR 76 |
| :current-geometry | message | MENUS 16 |
| :deexpose | message | WINDOC 6 |
| :default-services | message | PROT 76 |
| :delete | message | STR 77 |
| :describe | message | FLAV 47 |
| :desirability | message | PROT 75 |
| :device | message | FILE 12 |
| :direction | message | STR 11 |
| :directory | message | FILE 12 |
| :disable | message | PROT 79 |
| :do-not-echo option for :rubout-handler | message | WINDOC 47, STR 46 |
| :document-proceed-type | message | COND 37 |
| :document-special-command | message | COND 46 |
| :draw-rectangle | message | WINDOC 33 |
| :enable | message | PROT 78 |
| :eof | message | STR 15 |
| :eval-inside-yourself | message | FLAV 48 |
| :execute | message | MENUS 12, SCROLL 9 |
| :expose | message | WINDOC 6 |
| :fasd-form | message | FLAV 55, COMP 25 |
| :file-access-path | message | INT 72 |
| :filled-elements | message | PRIM 46 |
| :finish | message | STR 15 |
| :force-kbd-input | message | WINDOC 41 |
| :force-output | message | STR 14 |
| :force-redisplay | message | MISCU 19 |
| :foreign-host | message | PROT 79 |
| :fresh-line | message | STR 11 |
| :full-rubout option for :rubout-handler | message | WINDOC 47, STR 46 |
| :funcall-inside-yourself | message | FLAV 48 |
| :get | message | PROT 29, INT 74 |
| :get-handler-for | message | FLAV 47 |
| :get-hash | message | PRIM 45 |
| :grow | message | INT 71 |
| :handle-condition | message | COND 31 |
| :handle-condition-p | message | COND 31 |
| :handle-mouse | message | WINDEX 16 |
| :info | message | STR 77 |
| :init | message | WINDEX 7 |
| :initial-input option for :rubout-handler | message | WINDOC 47, STR 46 |
| :initialize-special-commands | message | COND 46 |
| :io-buffer | message | WINDOC 41 |
| :item | message | WINDEX 6 |

| | | |
|---|---------|----------------------|
| :length | message | STR 76 |
| :line-in | message | STR 13 |
| :line-out | message | STR 12 |
| :listen | message | STR 11 |
| :make-item | message | WINDEX 24 |
| :map-block-no | message | INT 72 |
| :map-hash | message | PRIM 45 |
| :modify-hash | message | PRIM 45 |
| :mouse-buttons | message | WINDEX 16 |
| :mouse-click | message | WINDEX 17 |
| :mouse-moves | message | WINDEX 16 |
| :multiple-choose | message | MENUS 47 |
| :name | message | FILE 12, PROT 29 |
| :names | message | PROT 29 |
| :namespace | message | PROT 29 |
| :new-default-pathname | message | FILE 12 |
| :new-pathname | message | FILE 12 |
| :new-raw-device | message | FILE 12 |
| :new-raw-directory | message | FILE 12 |
| :new-raw-name | message | FILE 12 |
| :new-raw-type | message | FILE 12 |
| :no-input-save option for :rubout-handler | message | WINDOC 47, STR 46 |
| :notice | message | WINDOC 9 |
| :operation-handled-p | message | FLAV 47, STR 10 |
| :parse-address | message | PROT 74 |
| :pass-through option for :rubout-handler | message | WINDOC 47, STR 46 |
| :pathname | message | STR 76 |
| :peek | message | PROT 80 |
| :peek-header | message | PROT 80 |
| :possible-medium-for-protocol | message | PROT 76 |
| :possibly-qualified-string | message | PROT 29 |
| :preemptable option for :rubout-handler | message | WINDOC 47, STR 46 |
| :primitive-item | message | WINDEX 6 |
| :print | message | STR 57 |
| :print-self | message | PRIM 89, FLAV 19, 47 |
| :proceed | message | COND 40 |
| :proceed-type-p | message | COND 39 |
| :proceed-types | message | COND 39 |
| :prompt option for :rubout-handler | message | WINDOC 47, STR 46 |
| :properties | message | STR 77 |
| :protocol-address | message | PROT 72 |
| :protocol-supported | message | PROT 71 |
| :put-hash | message | PRIM 45 |
| :qualified-string | message | PROT 29 |
| :raw-device | message | FILE 12 |
| :raw-directory | message | FILE 12 |
| :raw-name | message | FILE 12 |
| :raw-type | message | FILE 12 |
| :read | message | STR 57 |
| :read-cursorpos | message | STR 16 |
| :read-input-buffer | message | STR 17 |
| :read-pointer | message | STR 17 |
| :receive-packet | message | PROT 77 |
| :redisplay | message | SCROLL 3 |
| :refresh | message | WINDEX 7 |
| :reject | message | PROT 79 |
| :rem-hash | message | PRIM 45 |
| :rename | message | STR 77 |
| :report | message | COND 49 |
| :reprompt option for :rubout-handler | message | WINDOC 47, STR 46 |
| :reset | message | PROT 78 |
| :rubout-handler | message | STR 15, 46 |
| :screen-manage | message | WINDOC 13 |
| :send-if-handles | message | FLAV 48, STR 10 |
| :set-cursorpos | message | STR 16 |
| :set-display-item | message | SCROLL 3 |
| :set-lo-buffer | message | WINDOC 41 |
| :set-pointer | message | STR 17 |

| | | |
|--|----------------------|------------------------|
| :set-save-bits | message | WINDOC 6 |
| :set-type-alist | message | SCROLL 9 |
| :size | message | PRIM 46 |
| :special-command | message | COND 45 |
| :string | message | PROT 29 |
| :string-in | message | STR 12 |
| :string-line-in | message | STR 14 |
| :string-out | message | STR 11 |
| :supports-broadcast | message | PROT 75 |
| :swap-hash | message | PRIM 45 |
| :transmit-packet | message | PROT 72 |
| :truname | message | STR 76 |
| :tyi | message | WINDOC 88, STR 10 |
| :tyi-no-hang | message | STR 16 |
| :typepeek | message | STR 11 |
| :tyo | message | WINDOC 27, STR 9 |
| :type | message | FILE 12, PROT 74 |
| :unclaimed-message | message | FLAV 48 |
| :unparse-address | message | PROT 74 |
| :untyi | message | STR 10 |
| :untyo | message | STR 16 |
| :untyo-mark | message | STR 16 |
| :user-get | message | PROT 30 |
| :which-operations | message | FLAV 47, STR 10 |
| :who-line-documentation-string | message | WINDEX 17 |
| :write-data-map | message | INT 72 |
| Break on exit from marked frame | message | COND 43 |
| COMSAT | message | ZMAILT 35 |
| Create a new | message | ZMAILT 31 |
| Current | message | ZMAILT 11, ZMAILC 3, 5 |
| First | message | ZMAILT 13 |
| Greeting | message | INT 29 |
| Last | message | ZMAILT 13 |
| Mail server | message | ZMAILT 35 |
| No method for | message | COND 62 |
| Operating on Messages Referred to by the Current | Message | ZMAILC 21 |
| Redistribute the current | message | ZMAILT 31 |
| Sending a | message | FLAV 9, 57 |
| Type Decoding | Message | MENUS 69 |
| What to Do After Reading a | Message | ZMAILT 12 |
| XMAILR | message | ZMAILT 35 |
| Yank the current | message | ZMAILT 47 |
| zwei:map-over-universe | message | ZMAILC 13 |
| Message answered status | ZMAILT 3 | |
| Message Characteristics | ZMAILC 8 | |
| message commands | ZMAILC 21 | |
| Message date | ZMAILT 3 | |
| Message deleted status | ZMAILT 3, 59 | |
| Message deletion commands | ZMAILC 18 | |
| Message displayed status | ZMAILT 3 | |
| Message Drafts | ZMAILT 44 | |
| message editor | CONV 1 | |
| message facility | ZMAILT 44 | |
| message from a received CLS or LOS | | |
| packet | NETIO 81 | |
| Message in a Collection | ZMAILC 29 | |
| message into reply | ZMAILT 35, ZMAILC 19 | |
| Message keywords | ZMAILT 3 | |
| message mode | ZMAILT 3 | |
| Message names | FLAV 11 | |
| Message not yet seen status | ZMAILT 3 | |
| Message number | ZMAILT 3 | |
| Message passing | FLAV 9, 11 | |
| Message Passing, and Flavors | FLAV 1 | |
| message Peek command | MISCU 3 | |
| Message properties | ZMAILT 3 | |
| message property | ZMAILT 3, 35 | |
| message property | ZMAILT 3, 37 | |
| Testing | | |
| Referenced | | |
| Saving and Restoring | | |
| Converse interactive | | |
| Draft | | |
| Error | | |
| Operating on a | | |
| Copy | | |
| Editing | | |
| Introduction: Objects, | | |
| Print | | |
| Answered | | |
| Badheader | | |

- Deleted message property ZMAILT 3, 59
- Filed message property ZMAILT 3
- Forwarded message property ZMAILT 3
- Last message property ZMAILT 3
- Recent message property ZMAILT 3, 47
- Redistributed message property ZMAILT 3
- Unseen message property ZMAILT 3, 47
- Message recipients ZMAILT 3, 8, 31, 41
- Message search spaces ZMAILC 13
- Defining Message Search Spaces ZMAILC 13
- Message sender ZMAILT 3
- Message stack ZMAILT 53, ZMAILC 18
- Motion Using the Message Stack ZMAILT 54
- Message stack commands ZMAILT 54, ZMAILC 18
- message status ZMAILT 3
- : message status ZMAILT 3
- A message status ZMAILT 3
- D message status ZMAILT 3, 59
- Message status letter ZMAILT 3
- Error message stream STR 18
- [Append] Message Summary Line menu item ZMAILC 21
- [Filter] Message Summary Line menu item ZMAILC 28
- Interactive message system (Converse) ZMAILC 1
- Moving a Message to a File ZMAILC 20
- Sending message to all Lisp Machines at site CONV 4, NETIO 85
- Message to an object of some flavor FLAV 27
- Copying a Message to Another Buffer ZMAILC 27
- Sending message to another user CONV 3, MISCU 2
- New message to arithmetic errors: **:operands** RN 98
- New message to conditions: **:special-command-p** RN 74
- :clear-eof** message to input tape streams TAPE 4
- :discard-current-record** message to input tape streams TAPE 4
- :record-status** message to input tape streams TAPE 4
- :add-network** message to interfaces PROT 77
- :force-output** message to output tape streams TAPE 4
- :write-eof** message to output tape streams TAPE 4
- :write-error-status** message to output tape streams TAPE 4
- :generic-pathname** message to pathnames FILE 15
- :rename** message to pathnames RN 27, STR 66
- :create-screen-array** message to screens RN 79, WINDOC 9
- :redirect-screen-array** message to screens RN 79, WINDOC 9
- Send message to self EVAL 18
- :adjust-screen-array** message to sheets RN 79, WINDOC 9
- Sending message to specified host CONV 4, NETIO 85
- :rename** message to streams RN 27, STR 66
- :package** message to **sys:external-symbol-not-found** PKG 51
- :string** message to **sys:external-symbol-not-found** PKG 51
- :package** message to **sys:package-locked** COND 63, PKG 51
- :symbol** message to **sys:package-locked** COND 63, PKG 51
- :name** message to **sys:package-not-found** COND 62, PKG 51
- :relative-to** message to **sys:package-not-found** COND 62, PKG 51
- :await-rewind** message to tape streams TAPE 4
- :bot-p** message to tape streams TAPE 4
- :check-ready** message to tape streams TAPE 4
- :clear-error** message to tape streams TAPE 4
- :close** message to tape streams TAPE 4
- :host-name** message to tape streams TAPE 4
- :rewind** message to tape streams TAPE 4
- :set-offline** message to tape streams TAPE 4
- :skip-file** message to tape streams TAPE 4
- :edit** message to **zwei:standalone-editor-frame** MISCUI 23
- :interval-string** message to **zwei:standalone-editor-frame** MISCUI

- 23
- :set-interval-string** message to **zwei:standalone-editor-frame** MISCUI
- 23
- :decode-variable-type** message **tv:basic-choose-variable-values** MENUS
- 69
- :item** message **tv:basic-mouse-sensitive-items** MENUS
- 85
- :item-list** message **tv:basic-mouse-sensitive-items** MENUS
- 85
- :primitive-item** message **tv:basic-mouse-sensitive-items** MENUS
- 85
- :adjust-geometry-for-new-variables** message
- tv:choose-variable-values-window** MENUS
- 75
- :appropriate-width** message
- tv:choose-variable-values-window** MENUS
- 75
- :redisplay-variable** message
- tv:choose-variable-values-window** MENUS
- 76
- :set-variables** message
- tv:choose-variable-values-window** MENUS
- 75
- :setup** message
- tv:choose-variable-values-window** MENUS
- 75
- :io-buffer** message **tv:command-menu** MENUS 31
- :set-io-buffer** message **tv:command-menu** MENUS 31
- :update-item-list** message **tv:dynamic-...-menu** MENUS 37
- :set-margin-choices** message **tv:margin-choice-mixin** MENUS 92
- :choose** message **tv:menu** MENUS 23
- :current-geometry** message **tv:menu** MENUS 14
- :deactivate** message **tv:menu** MENUS 23, 101
- :deexpose** message **tv:menu** MENUS 101
- :execute** message **tv:menu** MENUS 23
- :expose** message **tv:menu** MENUS 101
- :fill-p** message **tv:menu** MENUS 14
- :geometry** message **tv:menu** MENUS 14
- :refresh** message **tv:menu** MENUS 101
- :set-default-font** message **tv:menu** MENUS 101
- :set-edges** message **tv:menu** MENUS 101
- :set-fill-p** message **tv:menu** MENUS 14
- :set-geometry** message **tv:menu** MENUS 14
- :set-item-list** message **tv:menu** MENUS 101
- :set-label** message **tv:menu** MENUS 102
- :add-highlighted-item** message **tv:menu-highlighting-mixin** MENUS 43
- :add-highlighted-value** message **tv:menu-highlighting-mixin** MENUS 43
- :highlighted-items** message **tv:menu-highlighting-mixin** MENUS 42
- :highlighted-values** message **tv:menu-highlighting-mixin** MENUS 43
- :remove-highlighted-item** message **tv:menu-highlighting-mixin** MENUS 43
- :remove-highlighted-value** message **tv:menu-highlighting-mixin** MENUS 43
- :set-highlighted-items** message **tv:menu-highlighting-mixin** MENUS 43
- :set-highlighted-values** message **tv:menu-highlighting-mixin** MENUS 43
- :choose** message **tv:multiple-choice** MENUS 55
- :setup** message **tv:multiple-choice** MENUS 55
- Message window **ZMAILT** 3, 6, 13, 42, **ZMAILC** 5
- message window **ZMAILT** 11
- Message window scrolling **ZMAILC** 5
- Message-copying commands **ZMAILC** 27
- Message-ID field **ZMAILT** 37
- Message-receiving object **FLAV** 11, 61
- Messages **LMS** 28, **WINDOC** 2
- messages **DEFS** 23
- :describe** messages **STR** 76
- :force-output** messages **INT** 79
- :hang-p** keyword for block disk stream
- :print-self** messages **DEFS** 23
- :verify** option for window size and position
- messages **WINDOC** 77
- :which-operations** messages **DEFS** 23

Symbolics, Inc. March 1984

| | | |
|---|----------|----------------------|
| Adding keywords to | messages | ZMAILC 25 |
| Appending | messages | ZMAILC 21 |
| Arpanet digest | messages | ZMAILT 50 |
| Based on the Stack of Recently Seen | Messages | ZMAILC 18 |
| Blinker | messages | WINDOC 65 |
| Block disk stream | messages | INT 73 |
| Classifying | Messages | ZMAILC 25 |
| Concatenating | messages | ZMAILC 21, 30 |
| Continuing Completed or Aborted | Messages | ZMAILT 46 |
| Controlling warning | messages | COMP 15 |
| Copying | messages | ZMAILC 27 |
| Cursor position | messages | WINDOC 27, 29 |
| Deleting | messages | ZMAILC 18, 29, 30 |
| Deleting and Undeleting | Messages | ZMAILC 18 |
| Deletion | messages | WINDOC 28 |
| Disk stream | messages | INT 71 |
| Editing | messages | ZMAILC 20 |
| Erase | messages | WINDOC 28 |
| Expunging deleted | messages | ZMAILT 13 |
| Flavor system | messages | FLAV 47 |
| Flavors and | Messages | WINDOC 19 |
| Fonts in | messages | ZMAILT 11 |
| Fonts: Flavors and | Messages | WINDOC 54 |
| Forwarding | messages | ZMAILC 20, 30 |
| Geometry | Messages | MENUS 14 |
| Graphics | messages | WINDOC 33 |
| Hardcopying | messages | ZMAILC 7, 20 |
| Hash Table | Messages | PRIM 45 |
| Header fields in Zmail | messages | ZMAILC 3 |
| Included | messages | ZMAILT 37 |
| Insertion | messages | WINDOC 29 |
| Mail collection | messages | ZMAILC 29 |
| Manipulating | Messages | ZMAILC 17 |
| Margin item | messages | WINDOC 83 |
| Marking | messages | ZMAILC 28 |
| Methods for | messages | FLAV 63 |
| Moving | messages | ZMAILC 30 |
| New | messages | ZMAILT 47 |
| nil option for window size and position | messages | WINDOC 77 |
| Notification | messages | WINDOC 19 |
| Operating on a Group of | Messages | ZMAILC 30 |
| Printing | messages | ZMAILC 20 |
| Proceed Type | Messages | COND 39 |
| Process | Messages | PROC 15 |
| Properties of | messages | ZMAILC 3, 5 |
| Property List | Messages | FLAV 65 |
| Redistributing | messages | ZMAILC 20, 30 |
| Referenced | messages | ZMAILC 13 |
| Relationship between methods and | messages | FLAV 9 |
| Reordering | messages | ZMAILC 21 |
| Replying to | messages | ZMAILC 19, 30 |
| Reprint | messages | MISCF 5, CONV 4 |
| Selecting | messages | ZMAILT 13, ZMAILC 17 |
| Sending | messages | EVAL 18 |
| Sending interactive | messages | CONV 3 |
| Sorting | messages | ZMAILC 21 |
| Stream input | messages | WINDOC 19 |
| Text field in Zmail | messages | ZMAILC 3 |
| The Mouse: Flavors and | Messages | WINDOC 67 |
| Transmitting inter-user | messages | NETIO 64 |
| Transmitting interactive | messages | NETIO 65 |
| tv:basic-mouse-sensitive-items | Messages | MENUS 85 |
| tv:choose-variable-values-window | Messages | MENUS 75 |
| tv:command-menu | Messages | MENUS 31 |
| tv:margin-choice-mixin | Messages | MENUS 92 |
| tv:multiple-choice Menu | Messages | MENUS 55 |
| tv:multiple-menu-mixin | Messages | MENUS 42 |
| Typing | messages | ZMAILC 30 |

| | | |
|--|--|---------------------------|
| Undeleting | messages | ZMAILC 30 |
| Useful tv:menu | Messages | MENUS 23 |
| Window position | messages | WINDOC 77 |
| Window size | messages | WINDOC 77 |
| Yanking | messages | ZMAILC 19 |
| Zmail | messages | ZMAILC 3 |
| | Messages Accepted by tv:menu | MENUS 101 |
| | Messages and Init Options | COND 49 |
| | Messages and Mail | LMS 28 |
| Selecting | messages based on filter | ZMAILT 53, ZMAILC 17 |
| Selecting | messages based on position | ZMAILT 53, ZMAILC 17 |
| Selecting | messages based on string | ZMAILT 53, ZMAILC 17 |
| Deleting | messages from mail buffer | ZMAILT 13, 59 |
| Output | messages from the garbage collector | STOR 9 |
| | Messages in a mail buffer | ZMAILC 30 |
| | Messages in a mail collection | ZMAILC 30 |
| Saving | messages in disk files | ZMAILT 44 |
| Undeleting | messages in mail buffer | ZMAILT 13, 59, ZMAILC 18 |
| Print | messages received | CONV 3 |
| Operating on | Messages Referred to by the Current | Message ZMAILC 21 |
| | Messages to Dynamic Menus | MENUS 37 |
| | Messages to file streams | STR 76 |
| Facility for Handling | Messages to Flavor Objects | FLAV 27 |
| | Messages to Frames | WINDOC 99 |
| Restoring | messages to mail buffer | ZMAILT 13, 59, ZMAILC 18 |
| | Messages to Namespace Names and Objects | PROT 29 |
| | Messages to netl:name | PROT 29 |
| | Messages to netl:object | PROT 29 |
| | Messages to pathnames | FILE 12 |
| :prompt-and-read | messages to streams | RN 85, MISCUI 13 |
| | Messages to Tape Streams | TAPE 4 |
| | Messages to windows | WINDEX 7 |
| :clear-screen, :clear-eol, and :clear-eof | messages to windows renamed | RN 44 |
| Pathname | Messages: Naming of Files | FILE 32 |
| Fonts in | Messages: Zmail Tutorial and Reference | Manual ZMAILT 11 |
| | meta bit | STR 3 |
| | META key | RN 102, NOTA 1, WINDOC 41 |
| Using the | META key in horizontal scrolling | FED 25 |
| Using the | META key while drawing characters | FED 11 |
| Chaosnet abort | meter | INT 30 |
| sys:%aging-depth | meter | INT 33 |
| sys:%count-age-flushed-pages | meter | INT 33 |
| sys:%count-aged-pages | meter | INT 33 |
| sys:%count-chaos-transmit-aborts | meter | INT 30 |
| sys:%count-cons-work | meter | INT 30 |
| sys:%count-disk-ecc-corrected-errors | meter | INT 32 |
| sys:%count-disk-errors | meter | INT 32 |
| sys:%count-disk-page-read-operations | meter | INT 31 |
| | sys:%count-disk-page-read-operations-in-scavenger | meter RN 52, INT 30 |
| | sys:%count-disk-page-read-operations-in-transporter | meter RN 52, INT 30 |
| sys:%count-disk-page-reads | meter | INT 31 |
| sys:%count-disk-page-write-busys | meter | INT 32 |
| sys:%count-disk-page-write-operations | meter | INT 31 |
| sys:%count-disk-page-write-waits | meter | INT 32 |
| sys:%count-disk-page-writes | meter | INT 31 |
| sys:%count-disk-prepages-not-used | meter | INT 32 |
| sys:%count-disk-prepages-used | meter | INT 31 |
| sys:%count-disk-read-compare-differences | meter | INT 32 |
| sys:%count-disk-read-compare-rereads | meter | INT 32 |
| sys:%count-disk-read-compare-rewrites | meter | INT 32 |
| sys:%count-disk-recalbrates | meter | INT 32 |
| sys:%count-extra-pdi-ovs | meter | INT 34 |
| sys:%count-findcore-emergencies | meter | INT 33 |

- sys:%count-findcore-steps** meter INT 33
- sys:%count-first-level-map-reloads** meter INT 31
- sys:%count-fresh-pages** meter INT 31
- sys:%count-meta-bits-map-reloads** meter INT 31
- sys:%count-pdl-buffer-memory-faults** meter INT 31
- sys:%count-pdl-buffer-read-faults** meter INT 31
- sys:%count-pdl-buffer-write-faults** meter INT 31
- sys:%count-scavenger-work** meter INT 30
- sys:%count-second-level-map-reloads** meter INT 31
- sys:%disk-error-log-pointer** meter INT 32
- sys:%disk-wait-time** meter INT 32
- sys:%scavenger-run-time** meter RN 52, INT 30
- sys:%transporter-run-time** meter RN 52, INT 30
- sys:%tv-clock-counter** meter RN 52, INT 30
- sys:%tv-clock-rate** meter INT 30
- TV frames per clock sequence break meter INT 30
- The **sys:%count-extra-pdl-ovs** Meter (LM-2 Only) INT 34
- sys:%meter-buffer-pointer** variable INT 29
- sys:%meter-disk-address** variable INT 29
- sys:%meter-disk-count** variable INT 29
- sys:%meter-global-enable** variable INT 29
- meter:expand-range** function RN 51, INT 86
- meter:function-name-with-escapes** function RN 52, INT 86
- meter:function-range** function RN 52, INT 86
- meter:list-functions-in-bucket** function RN 51, INT 86
- meter:make-pc-array** function RN 51, INT 85
- meter:map-over-functions-in-bucket** function RN 52, INT 86
- meter:monitor-all-functions** function RN 51, INT 85
- meter:print-functions-in-bucket** function RN 51, INT 86
- meter:range-of-bucket** function RN 52, INT 86
- meter:report** function RN 51, INT 86
- meter:start-monitor** function RN 51, INT 86
- meter:stop-monitor** function RN 51, INT 86
- meter:with-monitoring** macro RN 52, INT 86
- metering RN 50
- PC Metering on the 3600 INT 85
- PC Metering system variables INT 27
- New Metering Tools for the 3600 RN 50
- Meters INT 30
- Meters INT 67
- meters INT 30
- meters INT 30
- meters INT 30
- meters INT 30
- meters INT 30
- meters INT 30
- meters INT 30
- meters INT 30
- meters INT 30
- Meters for the LM-2 RN 52
- Method FLAV 1, 9, 32
- method FLAV 49
- method FLAV 49
- method MENUS 69
- method RN 149
- method COND 37, 40, TOOLS 124, 125, 128
- method COND 7, TOOLS 124, 128
- method TOOLS 121
- Method MENUS 69
- method FLAV 58
- method FLAV 19
- method MISCT 3
- Method Combination FLAV 49
- method combination COND 37, TOOLS 124
- method combination TOOLS 105, 108, 110, 111, 112, 113

| | | | |
|------------------------------------|--|--------------------|---------|
| :and | method combination type | FLAV 49 | |
| :append | method combination type | FLAV 49 | |
| :case | method combination type | FLAV 49 | |
| :daemon | method combination type | FLAV 49 | |
| :inverse-list | method combination type | FLAV 49 | |
| :list | method combination type | FLAV 49 | |
| :nconc | method combination type | FLAV 49 | |
| :or | method combination type | FLAV 49 | |
| :progn | method combination type | FLAV 49 | |
| :send-command | method for lgp:basic-lgp-stream | TOOLS 115 | |
| :send-coordinates | method for lgp:basic-lgp-stream | TOOLS 115 | |
| | No | method for message | COND 62 |
| :operation-handled-p | method for sl:vanilla-flavor | TOOLS 133 | |
| :which-operations | method for sl:vanilla-flavor | TOOLS 133 | |
| :any-tyl | method for tv:any-tyl-mixin | TOOLS 121 | |
| :draw-line | method for tv:graphics-mixin | TOOLS 14, 108 | |
| :inside-size | method for tv:minimum-window | TOOLS 109 | |
| :change-of-size-or-margins | method for tv:sheet | TOOLS 111 | |
| :init | method for tv:sheet | TOOLS 111 | |
| :refresh | method for tv:sheet | TOOLS 111, 122 | |
| | :method | function spec type | FUNC 1 |
| | :method | function specs | FUNC 16 |
| :document-proceed-type | method of condition | COND 49 | |
| :proceed-type-p | method of condition | COND 50 | |
| :proceed-types | method of condition | COND 50 | |
| :report | method of condition | COND 50 | |
| :report-string | method of condition | COND 51 | |
| :set-proceed-types | method of condition | COND 50 | |
| :special-command-p | method of condition | RN 74, COND 50 | |
| :special-commands | method of condition | COND 50 | |
| :fn1 | method of fs:its-pathname | FILE 49 | |
| :fn2 | method of fs:its-pathname | FILE 49 | |
| :back-translated-pathname | method of fs:logical-pathname | FILE 53 | |
| :translated-pathname | method of fs:logical-pathname | FILE 53 | |
| :canonical-type | method of fs:pathname | FILE 33 | |
| :device | method of fs:pathname | FILE 32 | |
| :device-wild-p | method of fs:pathname | FILE 39 | |
| :directory | method of fs:pathname | FILE 32 | |
| :directory-pathname-as-file | method of fs:pathname | FILE 10 | |
| :directory-wild-p | method of fs:pathname | FILE 39 | |
| :generic-pathname | method of fs:pathname | FILE 37 | |
| :get | method of fs:pathname | FILE 38 | |
| :getl | method of fs:pathname | FILE 38 | |
| :host | method of fs:pathname | FILE 32 | |
| :name | method of fs:pathname | FILE 32 | |
| :name-wild-p | method of fs:pathname | FILE 39 | |
| :new-canonical-type | method of fs:pathname | FILE 35 | |
| :new-default-pathname | method of fs:pathname | FILE 36 | |
| :new-device | method of fs:pathname | FILE 34 | |
| :new-directory | method of fs:pathname | FILE 34 | |
| :new-name | method of fs:pathname | FILE 34 | |
| :new-pathname | method of fs:pathname | FILE 36 | |
| :new-raw-device | method of fs:pathname | FILE 35 | |
| :new-raw-directory | method of fs:pathname | FILE 35 | |
| :new-raw-name | method of fs:pathname | FILE 35 | |
| :new-raw-type | method of fs:pathname | FILE 35 | |
| :new-type | method of fs:pathname | FILE 34 | |
| :new-version | method of fs:pathname | FILE 34 | |
| :pathname-as-directory | method of fs:pathname | FILE 10 | |
| :pathname-match | method of fs:pathname | FILE 38 | |
| :plist | method of fs:pathname | FILE 38 | |
| :putprop | method of fs:pathname | FILE 38 | |
| :raw-device | method of fs:pathname | FILE 33 | |
| :raw-directory | method of fs:pathname | FILE 33 | |
| :raw-name | method of fs:pathname | FILE 33 | |
| :raw-type | method of fs:pathname | FILE 33 | |
| :remprop | method of fs:pathname | FILE 38 | |
| :string-for-directory | method of fs:pathname | FILE 38 | |

| | | |
|----------------------------------|--|------------------|
| :string-for-dired | method of fs:pathname | FILE 37 |
| :string-for-editor | method of fs:pathname | FILE 37 |
| :string-for-host | method of fs:pathname | FILE 37 |
| :string-for-printing | method of fs:pathname | FILE 37 |
| :string-for-wholine | method of fs:pathname | FILE 37 |
| :system-type | method of fs:pathname | FILE 34 |
| :translate-wild-pathname | method of fs:pathname | FILE 40 |
| :type | method of fs:pathname | FILE 32 |
| :type-wild-p | method of fs:pathname | FILE 39 |
| :types-for-canonical-type | method of fs:pathname | FILE 36 |
| :version | method of fs:pathname | FILE 33 |
| :version-wild-p | method of fs:pathname | FILE 39 |
| :wild-p | method of fs:pathname | FILE 39 |
| :choose | method of | |
| | mouse-sensitive-regions-mixin | WINDEX 49 |
| :disk-event | method of si:disk-error-event | INT 64 |
| :error-type | method of si:disk-error-event | INT 65 |
| :flushed-transfer-count | method of si:disk-error-event | INT 65 |
| :convert-to-device-units | method of si:make-hardcopy-stream | HARD 11 |
| :eject-page | method of si:make-hardcopy-stream | HARD 10 |
| :set-cursorpos | method of si:make-hardcopy-stream | HARD 10 |
| :set-font | method of si:make-hardcopy-stream | HARD 10 |
| :show-line | method of si:make-hardcopy-stream | HARD 11 |
| :show-rectangle | method of si:make-hardcopy-stream | HARD 11 |
| :un-relative-coordinates | method of si:make-hardcopy-stream | HARD 11 |
| :active-p | method of si:process | PROC 18 |
| :arrest-reason | method of si:process | PROC 17 |
| :arrest-reasons | method of si:process | PROC 17 |
| :flush | method of si:process | PROC 18 |
| :initial-form | method of si:process | PROC 15 |
| :initial-stack-group | method of si:process | PROC 15 |
| :interrupt | method of si:process | PROC 19 |
| :kill | method of si:process | PROC 19 |
| :name | method of si:process | PROC 15 |
| :preset | method of si:process | PROC 18 |
| :priority | method of si:process | PROC 16 |
| :quantum | method of si:process | PROC 16 |
| :quantum-remaining | method of si:process | PROC 16 |
| :reset | method of si:process | PROC 18 |
| :revoke-arrest-reason | method of si:process | PROC 17 |
| :revoke-run-reason | method of si:process | PROC 17 |
| :run-reason | method of si:process | PROC 17 |
| :run-reasons | method of si:process | PROC 17 |
| :runnable-p | method of si:process | PROC 18 |
| :set-priority | method of si:process | PROC 16 |
| :set-quantum | method of si:process | PROC 16 |
| :set-warm-boot-action | method of si:process | PROC 17 |
| :simple-p | method of si:process | PROC 17 |
| :stack-group | method of si:process | PROC 15 |
| :wait-argument-list | method of si:process | PROC 16 |
| :wait-function | method of si:process | PROC 15 |
| :warm-boot-action | method of si:process | PROC 16 |
| :whostate | method of si:process | PROC 16 |
| :get | method of si:property-list-mixin | FLAV 65 |
| :getl | method of si:property-list-mixin | FLAV 65 |
| :property-list | method of si:property-list-mixin | FLAV 66 |
| :push-property | method of si:property-list-mixin | FLAV 65 |
| :putprop | method of si:property-list-mixin | FLAV 65 |
| :remprop | method of si:property-list-mixin | FLAV 65 |
| :set-property-list | method of si:property-list-mixin | FLAV 66 |
| :read-frame | method of si:serial-hdlc-mixin | RN 111, NETIO 32 |
| :write-frame | method of si:serial-hdlc-mixin | RN 111, NETIO 32 |
| :get | method of si:serial-stream | NETIO 26 |
| :put | method of si:serial-stream | NETIO 26 |
| :configuration | method of tv:basic-constraint-frame | WINDOC 100 |
| :get-pane | method of tv:basic-constraint-frame | WINDOC 99 |
| :pane-name | method of tv:basic-constraint-frame | WINDOC 99 |
| :send-all-exposed-panes | method of tv:basic-constraint-frame | WINDOC 100 |

:send-all-panes method of **tv:basic-constraint-frame** WINDOC 100
:send-pane method of **tv:basic-constraint-frame** WINDOC 99
:set-configuration method of **tv:basic-constraint-frame** WINDOC 100
:select-pane method of **tv:basic-frame** WINDEX 76
:item method of
tv:basic-mouse-sensitive-items WINDEX 8
:primitive-item method of
tv:basic-mouse-sensitive-items WINDEX 8
:redisplay method of **tv:basic-scroll-window** SCROLL 3
:set-display-item method of **tv:basic-scroll-window** SCROLL 3
:deselected-visibility method of **tv:blinker** WINDOC 66
:half-period method of **tv:blinker** WINDOC 66
:read-cursorpos method of **tv:blinker** WINDOC 65
:set-cursorpos method of **tv:blinker** WINDOC 65, WINDEX 19
:set-deselected-visibility method of **tv:blinker** WINDOC 66
:set-follow-p method of **tv:blinker** WINDOC 65
:set-half-period method of **tv:blinker** WINDOC 66
:set-sheet method of **tv:blinker** WINDOC 66
:set-visibility method of **tv:blinker** WINDOC 65, WINDEX 19
:border-margin-width method of **tv:borders-mixin** WINDOC 85
:set-border-margin-width method of **tv:borders-mixin** WINDOC 85
:set-borders method of **tv:borders-mixin** WINDOC 84
:set-name method of **tv:changeable-name-mixin** WINDOC 86
:set-character method of **tv:character-blinker** WINDOC 67
:delayed-set-label method of
tv:delayed-redisplay-label-mixin WINDOC 87
:update-label method of
tv:delayed-redisplay-label-mixin WINDOC 87
:handle-mouse method of **tv:essential-mouse** WINDEX 16, 18
:mouse-buttons method of **tv:essential-mouse** WINDEX 17
:mouse-click method of **tv:essential-mouse** RN 42, WINDOC 69,
WINDEX 17, 18
:mouse-moves method of **tv:essential-mouse** WINDEX 16, 18
Changes to **:mouse-click** method of **tv:essential-mouse** RN 42
:center-around method of **tv:essential-set-edges** WINDOC 82
:expose-near method of **tv:essential-set-edges** WINDOC 82
:set-edges method of **tv:essential-set-edges** WINDOC 81
:set-inside-size method of **tv:essential-set-edges** WINDOC 80
:set-position method of **tv:essential-set-edges** WINDOC 81
:set-size method of **tv:essential-set-edges** WINDOC 80
:draw-circle method of **tv:graphics-mixin** RN 99, WINDOC 39
:draw-circular-arc method of **tv:graphics-mixin** WINDOC 39
:draw-closed-curve method of **tv:graphics-mixin** WINDOC 38
:draw-cubic-spline method of **tv:graphics-mixin** WINDOC 39
:draw-curve method of **tv:graphics-mixin** WINDOC 38
:draw-dashed-line method of **tv:graphics-mixin** WINDOC 36
:draw-filled-in-circle method of **tv:graphics-mixin** RN 99, WINDOC 39
:draw-filled-in-sector method of **tv:graphics-mixin** WINDOC 39
:draw-line method of **tv:graphics-mixin** WINDOC 36
:draw-lines method of **tv:graphics-mixin** WINDOC 36
:draw-point method of **tv:graphics-mixin** WINDOC 35
:draw-regular-polygon method of **tv:graphics-mixin** WINDOC 39
:draw-string method of **tv:graphics-mixin** WINDOC 37
:draw-triangle method of **tv:graphics-mixin** WINDOC 38
:draw-wide-curve method of **tv:graphics-mixin** WINDOC 38
:point method of **tv:graphics-mixin** WINDOC 35
:hysteresis method of **tv:hysteretic-window-mixin** WINDOC 73
:set-hysteresis method of **tv:hysteretic-window-mixin** WINDOC 73
:label-size method of **tv:label-mixin** WINDOC 86
:set-label method of **tv:label-mixin** WINDOC 86
:set-space method of **tv:margin-space-mixin** RN 75
:space method of **tv:margin-space-mixin** RN 75
:set-size method of **tv:rectangular-blinker** WINDOC 66,
WINDEX 19
:baseline method of **tv:sheet** WINDOC 57
:bitblt method of **tv:sheet** WINDOC 35, WINDEX 59
:bitblt-from-sheet method of **tv:sheet** WINDOC 35
:bitblt-within-sheet method of **tv:sheet** WINDOC 35

Symbolics, Inc. March 1984

| | | |
|---------------------------------------|----------------------------------|----------------------|
| :bottom-margin-size | method of tv:sheet | WINDEX 41 |
| :change-of-size-or-margins | method of tv:sheet | WINDEX 8 |
| :character-width | method of tv:sheet | WINDOC 29 |
| :clear-char | method of tv:sheet | WINDOC 28 |
| :clear-eof | method of tv:sheet | RN 44 |
| :clear-eol | method of tv:sheet | RN 44 |
| :clear-rest-of-line | method of tv:sheet | RN 44, WINDOC 28 |
| :clear-rest-of-window | method of tv:sheet | RN 44, WINDOC 28 |
| :clear-screen | method of tv:sheet | RN 44 |
| :clear-window | method of tv:sheet | RN 44, WINDOC 28 |
| :compute-motion | method of tv:sheet | WINDOC 29 |
| :current-font | method of tv:sheet | WINDOC 56 |
| :deexposed-typein-action | method of tv:sheet | WINDOC 31 |
| :deexposed-typeout-action | method of tv:sheet | WINDOC 31 |
| :delete-char | method of tv:sheet | WINDOC 28 |
| :delete-line | method of tv:sheet | WINDOC 28 |
| :delete-string | method of tv:sheet | WINDOC 28 |
| :edges | method of tv:sheet | WINDOC 81 |
| :font-map | method of tv:sheet | WINDOC 56 |
| :home-cursor | method of tv:sheet | WINDOC 27 |
| :home-down | method of tv:sheet | WINDOC 27 |
| :init | method of tv:sheet | WINDEX 8 |
| :insert-char | method of tv:sheet | WINDOC 29 |
| :insert-line | method of tv:sheet | WINDOC 29 |
| :insert-string | method of tv:sheet | WINDOC 29 |
| :inside-edges | method of tv:sheet | WINDOC 82 |
| :inside-size | method of tv:sheet | WINDOC 80 |
| :left-margin-size | method of tv:sheet | WINDEX 41 |
| :margins | method of tv:sheet | WINDOC 82 |
| :more-p | method of tv:sheet | WINDOC 30 |
| :name | method of tv:sheet | WINDOC 85 |
| :position | method of tv:sheet | WINDOC 81 |
| :read-cursorpos | method of tv:sheet | WINDOC 27 |
| :refresh | method of tv:sheet | WINDEX 9 |
| :reverse-video-p | method of tv:sheet | WINDOC 31 |
| :right-margin-size | method of tv:sheet | WINDEX 41 |
| :set-current-font | method of tv:sheet | WINDOC 57 |
| :set-cursorpos | method of tv:sheet | WINDOC 27 |
| :set-deexposed-typein-action | method of tv:sheet | WINDOC 31 |
| :set-deexposed-typeout-action | method of tv:sheet | WINDOC 31 |
| :set-font-map | method of tv:sheet | WINDOC 56 |
| :set-more-p | method of tv:sheet | WINDOC 30 |
| :set-reverse-video-p | method of tv:sheet | WINDOC 31 |
| :set-size-in-characters | method of tv:sheet | WINDOC 80 |
| :set-truncate-line-out | method of tv:sheet | RN 102, WINDOC 32 |
| :set-ty | method of tv:sheet | WINDOC 31 |
| :size | method of tv:sheet | WINDOC 80 |
| :size-in-characters | method of tv:sheet | WINDOC 80 |
| :string-length | method of tv:sheet | WINDOC 30 |
| :string-out | method of tv:sheet | WINDOC 27 |
| :top-margin-size | method of tv:sheet | WINDEX 41 |
| :truncate-line-out | method of tv:sheet | RN 102, WINDOC 32 |
| :ty | method of tv:sheet | WINDOC 27 |
| :vsp | method of tv:sheet | WINDOC 31 |
| :who-line-documentation-string | method of tv:sheet | WINDEX 18 |
| :add-asynchronous-character | method of tv:stream-mixin | WINDOC 54 |
| :any-tyi | method of tv:stream-mixin | RN 41, 42, WINDOC 43 |
| :any-tyi-no-hang | method of tv:stream-mixin | RN 41, WINDOC 44 |
| :asynchronous-character-p | method of tv:stream-mixin | WINDOC 54 |
| :clear-input | method of tv:stream-mixin | WINDOC 45 |
| :draw-char | method of tv:stream-mixin | WINDOC 35 |
| :draw-rectangle | method of tv:stream-mixin | WINDOC 38 |
| :finish-typeout | method of tv:stream-mixin | RN 64, WINDOC 51 |
| :force-rescan | method of tv:stream-mixin | RN 64, WINDOC 51 |
| :fresh-line | method of tv:stream-mixin | WINDOC 27 |
| :handle-asynchronous-character | method of tv:stream-mixin | WINDOC 54 |
| :line-in | method of tv:stream-mixin | WINDOC 45 |
| :line-out | method of tv:stream-mixin | WINDOC 27 |

- :list-tyl** method of **tv:stream-mixin** RN 41, WINDOC 44
- :listen** method of **tv:stream-mixin** WINDOC 45
- :mouse-or-kbd-tyl** method of **tv:stream-mixin** RN 42, WINDOC 44
- :mouse-or-kbd-tyl-no-hang** method of **tv:stream-mixin** RN 42, WINDOC 45
- :read-bp** method of **tv:stream-mixin** RN 65, WINDOC 51
- :remove-asynchronous-character** method of **tv:stream-mixin** WINDOC 54
- :replace-input** method of **tv:stream-mixin** RN 65, WINDOC 51
- :rescanning-p** method of **tv:stream-mixin** RN 64, WINDOC 51
- :rubout-handler** method of **tv:stream-mixin** WINDOC 47
- :start-typeout** method of **tv:stream-mixin** RN 63, WINDOC 50
- :string-in** method of **tv:stream-mixin** WINDOC 46
- :string-line-in** method of **tv:stream-mixin** WINDOC 47
- :tyl** method of **tv:stream-mixin** RN 41, WINDOC 44
- :tyl-no-hang** method of **tv:stream-mixin** RN 41, WINDOC 44
- :untyl** method of **tv:stream-mixin** WINDOC 45
- :after** method type FLAV 49
- :before** method type FLAV 49
- :combined** method type FLAV 49
- :default** method type FLAV 49
- :wrapper** method type FLAV 49
- Primary method type FLAV 49
- Method Type RN 83
- Method Types FLAV 53
- :method-combination** option for **defflavor** FLAV 35, 49
- :method-order** option for **defflavor** FLAV 35
- Adding new methods FLAV 11, 30
- After-daemon methods FLAV 19
- Before-daemon methods FLAV 19
- Combined methods FLAV 31
- Combining methods FLAV 26, 27
- Creating methods FLAV 23, 57
- Daemon methods FLAV 19, TOOLS 110, 111
- Defining methods FLAV 23, 57
- Editing methods FLAV 63
- Flavor system methods FLAV 47
- Listing methods FLAV 63
- Modifying methods FLAV 58
- Primary methods FLAV 19, TOOLS 105, 110, 112
- Removing methods RN 53, FLAV 30
- lgp:basic-lgp-stream** methods TOOLS
- sl:vanilla-flavor** methods TOOLS
- tv:any-tyl-mixin** methods TOOLS
- tv:graphics-mixin** methods TOOLS
- List Methods (m-X Zmacs command FLAV 63
- Edit Methods (m-X) TOOLS 60, 132
- Edit Combined Methods (m-X) TOOLS 133
- List Methods (m-X) TOOLS 132
- List Combined Methods (m-X) TOOLS 133
- Edit Methods (m-X) Zmacs command FLAV 63
- Edit Combined Methods (m-X) Zmacs command FLAV 63
- List Combined Methods (m-X) Zmacs command FLAV 63
- Relationship between methods and messages FLAV 9
- :proceed** methods can now return nil RN 97
- Some Methods Can Use Combination Type as Method Type RN 83
- Methods for messages FLAV 63
- Changes to **:tyl**, **:tyl-no-hang**, **:list-tyl**, **:mouse-or-kbd-tyl**, and **:mouse-or-kbd-tyl-no-hang** methods of **tv:stream-mixin** RN 40
- New methods of **tv:stream-mixin**: **:start-typeout**, **:finish-typeout**, **:rescanning-p**, **:force-rescan**, **:replace-input**, **:read-bp** RN 63
- metr** partition SIG 41
- mexp** function MAC 27, TOOLS 96
- MIC FEP file type INT 75
- Mica PROT 15
- Current micro PC (CPC) status information RN 137
- Decoding Micro Pcs NETIO 14

- Size of **micro-code-entry-area** INT 27
- Installing Microcode FILE 73, SITE 24
- Installing New Microcode SITE 31
- Load Microcode command NETIO 7
- Cancelling microcode dumping TAPE 14
- Microcode entry PRIM 1
- Load Microcode FEP command RN 134
- New Microcode in Release 5.0: 270 on 3600, 998 on LM-2 RN 3
- Microcode Loads FILE 71
- Microcode meters INT 30
- Microcode subsystem TAPE 9
- Microcode Variables INT 27
- Selecting microcode version TAPE 14
- :microcode-function** returned by **typep** PRIM 5
- Set Microcode-name-and-version command NETIO 7
- %microcode-version-number** variable INT 27
- Microcoded functions FUNC 10
- Microcoded Lisp functions INT 44
- Writing systems, bands, and microcodes onto tape TAPE 13
- Microload SIG 40
- Current microload SIG 40
- Microload Partitions SIG 40
- Microsecond Clock NETIO 109
- time:** **microsecond-time** function MISCUI 3
- Elapsed Time In Microseconds MISCUI 3
- Midas mode ZMACS 145
- MIDAS pathname type abbreviation FILE 44
- Clicking Middle Edits Current String in Choose-variable-values Windows RN 105
- min** function PRIM 67
- Minibuffer INED 13, TOOLS 8, ZMACS 12, 17
- Evaluate Minibuffer ZMACS 160
- More on the Minibuffer ZMACS 41
- Using the RETURN key in the minibuffer ZMACS 41
- Evaluate Minibuffer (m-ESCAPE) TOOLS 70
- Repeat Last Minibuffer Command ZMACS 41, 64
- Minibuffer Prompts ZMACS 32
- m-ESCAPE (Evaluate Minibuffer) TOOLS 70
- minimize** clause FLOW 42
- minimize** keyword FLOW 42
- Minimum disk latency for transfers INT 76
- :minimum-height** init option for **tv:essential-window** WINDOC 79
- :minimum-height** init option for **tv:menu** MENUS 99
- :minimum-height** init option to **tv:minimum-window** TOOLS 108
- :minimum-record-length** option to **tape:make-stream** TAPE 1
- :minimum-record-length-granularity** option to **tape:make-stream** TAPE 1
- :minimum-width** init option for **tv:essential-window** WINDOC 79
- :minimum-width** init option for **tv:menu** MENUS 99
- :minimum-width** init option to **tv:minimum-window** TOOLS 108
- minimum-window** TOOLS 108
- minimum-window** TOOLS 108
- minimum-window** TOOLS 108
- minimum-window** TOOLS 109
- minimum-window** TOOLS 108
- minimum-window** TOOLS 108
- minimum-window** flavor TOOLS 109, TOOLS 109, WINDOC 21
- Minor Changes to Your Site: New Hosts, New Printers, New Users SIG 21

- Major and
 - Minor mode system RN 127
 - Minor Modes ZMACS 179
 - Minor version MAINT 30
 - Minor version number MAINT 27, 34
 - Minor-mode ZMACS 18
 - :minpad** option for formatting functions STR 37
 - minus** function PRIM 68
 - minusp** function PRIM 64
 - Minute MISCUI 1
 - Mirror imaging characters FED 19
 - (MISC) instructions INT 37
- Assembly language
 - Miscellaneous file operations failures COND 71
 - miscellaneous instructions INT 37
 - Miscellaneous Operations NETIO 75
 - Miscellaneous Operations Failures COND 71
 - Miscellaneous Other Clauses FLOW 47
 - Miscellaneous Partitions SIG 41
 - Miscellaneous System Errors Not Categorized by Base Flavor COND 56
 - Miscellaneous Zwei Internals MISCUI 19
 - Miscellaneous: Interfaces PROT 72
 - Miscellaneous: Packets PROT 68
 - Missing Functions 3600 27
- Multiple Menu Choose
 - Mixin and Resource MENUS 48
 - Mixin flavor FLAV 45
 - Mixin flavors MENUS 4
- Instantiable, Basic, and Basic and
 - Mixin Flavors MENUS 4
 - Mixin Pop-up and Momentary Menus MENUS 20
 - :mixin** symbol in **:documentation** option to **defflavor** FLAV 35
 - Mixing Flavors FLAV 19
- Command Menu
 - Mixins MENUS 30
- Dynamic Item List
 - Mixins MENUS 35
- Multiple Menu
 - Mixins MENUS 41
- New option for **defflavor**:
 - :mixture** RN 54
 - :mixture** option RN 54
 - :mixture** option for **defflavor** RN 54, FLAV 38
 - :mmdf** example PROT 42
 - MNT Maintenance packet NETIO 60
- New function:
 - mod** RN 49
 - mod** function RN 49, PRIM 71
- :external** colon
 - Mode ZMACS 17
- :internal** colon
 - mode PKG 33, 35
- :mouse** window-positioning
 - mode PKG 33, 35
 - mode WINDOC 82
- :PEEK** command K
 - mode NETIO 77
- :point** window-positioning
 - mode WINDOC 82
- :rectangle** window-positioning
 - mode WINDOC 82
- :window** window-positioning
 - mode WINDOC 82
- All reply
 - mode ZMAILT 13, 35
- All-Cc reply
 - mode ZMAILT 35
- Auto Fill
 - mode ZMACS 18, 129, 179
- Binary
 - mode STR 59
- Bolio
 - mode ZMACS 145
- Cc-All reply
 - mode ZMAILT 35
- Cc-To reply
 - mode ZMAILT 35
- Character
 - mode STR 59
- Default major
 - mode ZMACS 182
- Dired
 - Mode ZMACS 131
- Editing message
 - mode ZMAILT 3
- Electric PL1
 - mode ZMACS 145
- Electric Shift Lock
 - mode ZMACS 18
- Fundamental
 - mode ZMACS 18, 144
- Interaction with Peek Network
 - Mode PROT 80
- ITS don't hang
 - mode NETIO 73
- Leaving Mail
 - Mode ZMAILT 46
- Lisp
 - mode ZMACS 18, 144, 156
- Macsyma
 - mode ZMACS 18, 144

Symbolics, Inc. March 1984

| | | |
|---|---------------------------------|----------------------|
| Mail | mode | ZMAILT 3, 40, 44, 46 |
| Marking | mode | ZMAILT 3 |
| Midas | mode | ZMACS 145 |
| One-window reply window | mode | ZMAILT 35 |
| PL1 | mode | ZMACS 145 |
| Profile | mode | ZMAILT 3, ZMAILC 7 |
| QFILE NORMAL character set translation | mode | PROT 88 |
| QFILE RAW character set translation | mode | PROT 90 |
| QFILE SUPER-IMAGE character set translation | mode | PROT 90 |
| Region Marking | Mode | ZMACS 194 |
| Region Right Margin | Mode | ZMACS 194 |
| Reply | mode | ZMAILT 13, 35 |
| Reply window | mode | ZMAILT 35 |
| Sender reply | mode | ZMAILT 13, 35 |
| Setting the Major | Mode | ZMACS 143 |
| System | mode | INT 55 |
| Teco | mode | ZMACS 145 |
| Text | mode | ZMACS 18, 144 |
| To reply | mode | ZMAILT 35 |
| To-Cc reply | mode | ZMAILT 35 |
| Two window | mode | ZMACS 117 |
| Two-windows reply window | mode | ZMAILT 35 |
| User | mode | INT 55 |
| Word Abbrev | mode | ZMACS 18 |
| Write-through | mode | NETIO 107 |
| Yank reply window | mode | ZMAILT 35 |
| Zero window | mode | ZMAILT 42 |
| Zmail reply | mode | INED 13 |
| Auto Fill Lisp Comments | Mode (c-m-X) Zmacs command | ZMACS 180 |
| Atom Word | Mode (m-X) TOOLS | 12 |
| Auto Fill | Mode (m-X) TOOLS | 12 |
| Electric Shift Lock | Mode (m-X) TOOLS | 12 |
| Lisp | Mode (m-X) TOOLS | 12 |
| Atom Word | Mode (m-X) Zmacs command | ZMACS 180 |
| Auto Fill | Mode (m-X) Zmacs command | ZMACS 180 |
| Electric Font Lock | Mode (m-X) Zmacs command | ZMACS 180 |
| Electric Shift Lock | Mode (m-X) Zmacs command | ZMACS 180 |
| EMACS | Mode (m-X) Zmacs command | ZMACS 181 |
| Find File In Fundamental | Mode (m-X) Zmacs command | ZMACS 110 |
| Lisp | Mode (m-X) Zmacs command | ZMACS 156 |
| Overwrite | Mode (m-X) Zmacs command | ZMACS 181 |
| Word Abbrev | Mode (m-X) Zmacs command | ZMACS 181 |
| [Filters (M)] Zmail Profile | Mode command | ZMAILC 21 |
| [Universes (M)] Zmail Profile | Mode command | ZMAILC 21 |
| 32-bit | mode data | INT 55 |
| 36-bit | mode data | INT 55 |
| Block | mode disk streams | INT 68 |
| Profile | mode display | ZMAILC 7 |
| Mode File Attribute | STR | 72 |
| Profile | mode filters | ZMAILC 10 |
| Editor major | mode for file | STR 72 |
| Mode line | ZMACS 17, ZMAILT 3, 6, ZMAILC 5 | |
| Mode Line | ZMAILT 7 | |
| mode menu | FED 5, 11, 32 | |
| Mode menu | ZMAILC 25 | |
| Mode Menu | FED 32 | |
| mode menu | FED 32 | |
| mode menu item | FED 11 | |
| Mode menu item | ZMAILC 7 | |
| Mode menu item | ZMAILC 7 | |
| Mode menu item | ZMAILC 28 | |
| Mode menu item | ZMAILC 10, 12, 27 | |
| mode menu item | FED 11 | |
| Mode menu item | ZMAILC 25, 26, 27 | |
| Mode menu item | ZMAILC 27, 28 | |
| Mode menu item | ZMAILC 7 | |
| mode menu item | FED 11 | |
| Mode menu item | ZMAILC 13, 15 | |

- Profile mode options ZMAILC 7
- Enter mail mode recursively ZMAILT 47
- Major and Minor
 - :mode serial I/O parameter NETIO 27
 - mode system RN 127
 - MODE-LOCK key 3600 5
 - Modem NETIO 23
- Interface to the Vadic
 - Modem RN 111, NETIO 32
 - Null modem NETIO 24
 - Modem control parameters NETIO 27
 - si: modem flavor RN 111, NETIO 32
 - si: modem-error flavor RN 111, NETIO 32
- Assignment of RS-232 Signals to Pins in Asynchronous Null Modems NETIO 23
- Modes TOOLS 11
- Correspondence of Canonical Types and Editor Modes FILE 19
- Editor major modes FILE 19
- File types and major modes ZMACS 182
- File types of major modes ZMACS 182
- Major Modes ZMACS 182, FILE 19
- Major Editing Modes ZMACS 144
- Minor Modes ZMACS 179
- User-defined major modes ZMACS 182
- Modification flag ZMACS 103
- Print Modifications (m-X) TOOLS 53
- Known problem: char-upcase and char-downcase undefined for modified characters RN 145
- Modified mouse clicks as editor commands RN 103
- Modified Two Windows ZMACS 117
- Modified Two Windows (c-X 4) TOOLS 60
- Change in Zmacs command
 - Modified Two Windows (c-X 4) RN 127
 - Modified Two Windows (c-X 4) Zmacs command RN 127
 - (Modified Two Windows) TOOLS 60
- c-X 4
- Characters with
 - modifier bits RN 145
 - :modify-hash message PRIM 45
 - Modifying attributes PROT 19
 - Modifying flavors FLAV 30, 58
 - Modifying methods FLAV 58
 - Modifying the Choice Facilities MENUS 5
 - Modifying values of variables MENUS 57
 - Modifying wrappers FLAV 58
 - [Modify] Inspector menu item MISCT 5
 - [Modify] menu item TOOLS 97
 - Modularity FLAV 5, TOOLS 105
 - Modularity COND 29
 - Modularity COND 30
 - Module MAINT 3
 - :module option for defsystem MAINT 3
 - modules PKG 3
 - Momentary and Pop-up Menus MENUS 19
 - Momentary menu MENUS 19, 23
 - Momentary Menu MENUS 23
 - Momentary Menu Example MENUS 19
 - Momentary Menu Interface MENUS 19
 - Momentary menus WINDOC 11, MENUS 2, 35
 - Momentary Menus MENUS 20
 - Momentary Menus MENUS 21
 - momentary menus MENUS 19
 - Momentary menus 13 LMS
 - momentary window MENUS 23
 - Momentary-menu MENUS 19, 42
 - tv: momentary-menu Example 1: Simple Momentary Menu MENUS 23
 - tv: momentary-menu Example 2: Item List as Init-plist Option MENUS 24
 - tv: momentary-menu Example 3: Centered Label and Use of General List Items MENUS 24
 - tv: momentary-menu Example 4: Using the Mouse
- Default Handlers and Complex
- Reference Material: Default Handlers and Complex
- Interface between two
- tv:momentary-menu Example 1: Simple Standard The Standard
- Basic and Mixin Pop-up and Instantiable Pop-up and Using the mouse with
 - Simple

- Buttons MENUS 25
- tv:** **momentary-menu** flavor MENUS 21, 95
- tv:** **momentary-menu** resource MENUS 21
- tv:** **momentary-multiple-menu** Example MENUS 43
- tv:** **momentary-multiple-menu** flavor MENUS 42
- tv:** **momentary-window-hacking-menu** flavor MENUS 21
- meter:** **monitor-all-functions** function RN 51, INT 85
- monitor-variable** function DEBUG 39
- Variable Monitoring DEBUG 39
- Monitoring the value of a variable DEBUG 27
- Month MISCUI 1
- time:** **month-length** function MISCUI 7
- time:** **month-string** function MISCUI 8
- A More Advanced Example INT 40
- More Esoteric Transformations MAINT 25
- More flag WINDOC 23
- More Information RN 135
- More Information Available on Causes of Crashes RN 137
- More Information on **process-run-function** PROC 25
- More on the Minibuffer ZMACS 41
- MORE processing RN 113, 114, WINDOC 19, 23, 30
- More Text] Editor menu item ZMAILT 42
- More Useful Information RN 140
- :more-exception** WINDOC 23, 33
- :more-p** init option for **tv:sheet** WINDOC 30
- :more-p** method of **tv:sheet** WINDOC 30
- netl:** **most-desirable-service-access-path** function PROT 40
- Motion ZMACS 50
- Point motion along nesting level ZMACS 54
- Point Motion Among Top-Level Expressions ZMACS 55
- Point motion between nesting levels ZMACS 54
- Motion by character ZMACS 51
- Cursor Motion by Line ZMACS 56
- Cursor Motion by Lisp Expression ZMACS 53
- Motion by Page ZMACS 59
- Cursor Motion by Page ZMACS 59
- Motion by Paragraph ZMACS 58
- Cursor Motion by Paragraph ZMACS 58
- Cursor Motion by Sentence ZMACS 52
- Cursor Motion by Word ZMACS 52
- Motion Commands ZMACS 51
- Motion Using the Message Stack ZMAILT 54
- Motion with Respect to the Whole Buffer ZMACS 60
- Cursor motion within buffer ZMACS 60
- Disk mount NETIO 7, 13
- Mount command NETIO 7
- si:** **mount-disk-unit** function INT 83
- tape:** **mount-error** flavor COND 75, TAPE 6
- Mounting a Disk Unit INT 83
- Mouse LMS 12, ZMACS 10, 49, 106, 114, 166, NETIO 109
- Mouse FED 11
- mouse WINDOC 67, WINDEX 56
- mouse WINDOC 67
- mouse 3600 1
- mouse WINDOC 67, 72
- mouse LMS 12, ZMACS 49
- mouse WINDOC 67, WINDEX 76
- :mouse** (3600 only) RN 95
- [Mouse (R)] ZMACS 44
- The Mouse and Menu LMS 12
- Mouse as a graphic input device FED 5
- Mouse as an input device WINDOC 19, 67
- Mouse Behavior MENUS 83

- Identifying
 - tv:momentary-menu Example 4: Using the
- L2:Move to point
- L:Move point
- M2:Save/Kill/Yank
- M:Mark thing
- R2:System menu
- R:Menu
- Current meaning of
 - Encoded
 - Reading
 - Receiving
 - Modified
 - Shifted
- Substitutes for
- Complement
 - Complementing the
- Default
 - Using the
 - Using the
 - Using the
 - Using the
 - Using the
 - Using the
- Window System Changes Associated with
 - Install
 - Using the
 - Avoid Errors in the
 - The User's Process and the
 - Using the
 - Using the
 - Using the
 - Relationship of
 - Using the
- Mouse blinker WINDOC 63, WINDEX 17
- Mouse blip MENUS 29
- Mouse button encoding SCROLL 9
- mouse buttons WINDOC 67, 71, 72
- Mouse Buttons MENUS 25
- Mouse buttons, bit mask MENUS 29
- Mouse characters RN 102
- mouse click ZMACS 49
- mouse click ZMACS 49
- mouse click ZMACS 49
- mouse click ZMACS 49
- mouse click ZMACS 50
- mouse click ZMACS 50
- Mouse clicks TOOLS 120, WINDOC 67, ZMAILT 11
- mouse clicks ZMACS 49
- mouse clicks WINDOC 67
- mouse clicks SCROLL 9
- mouse clicks RN 40
- mouse clicks as editor commands RN 103
- Mouse Clicks Can Now Be Used for Editor
 - Commands RN 103
- mouse commands ZMAILT 24
- Mouse cursor as an arrow MISCT 1
- Mouse cursor speed RN 100
- Mouse documentation WINDEX 18, 40
- Mouse documentation line LMS 10, 12, ZMACS 49, WINDOC 73, MENUS 7, 59, ZMAILT 23, ZMAILC 5, 10, 17, 25
- mouse documentation line RN 113
- Mouse Documentation Line LMS 34
- Mouse documentation string TOOLS 121
- Mouse documentation window SCROLL 9
- :mouse global line attribute SCROLL 9
- mouse handler WINDEX 16
- mouse in the character select pane FED 33
- mouse in the draw mode menu FED 32
- mouse in the drawing pane FED 32
- mouse in the Font Parameters menu FED 33
- mouse in the Inspector MISCT 1, 3
- mouse in the register pane FED 33
- mouse in the sample pane FED 32
- Mouse input RN 42, WINDOC 41, 44
- Mouse Input RN 40
- Mouse line documentation MENUS 11
- :mouse line item entry attribute SCROLL 9
- Mouse Macro (m-X) TOOLS 59
- mouse on the character box FED 14
- :mouse option for sl:sb-on RN 95, PROC 6
- Mouse position WINDOC 71, WINDEX 59
- Mouse process WINDOC 67
- Mouse Process RN 149
- Mouse Process MENUS 5
- Mouse process communicating with user
 - process WINDOC 41
- Mouse scrolling LMS 12
- Mouse Sensitivities FED 32
- Mouse Sensitivity SCROLL 9
- Mouse sensitivity and line items SCROLL 9
- Mouse sequence break RN 95, PROC 6
- Mouse signals STR 3
- :mouse symbol RN 42, WINDOC 45
- mouse to call up System menu ZMACS 30
- mouse to enter Zmacs ZMACS 10
- mouse to scroll the message window ZMAILT 11
- mouse to windows WINDOC 67
- Mouse under window system control WINDOC 1
- :mouse window-positioning mode WINDOC 82
- mouse with displayed history elements INED 3

- Using the mouse with Font Editor menus FED 5
- Using the mouse with List Files ZMACS 119
- Using the mouse with menus MENUS 7
- Using the mouse with momentary menus MENUS 19
- Using the mouse with mouse-sensitive items MENUS 83
- Using the mouse with multiple choice window MENUS 51
- Using the mouse with multiple menus MENUS 41
- Using the mouse with [List Fonts] Font Editor menu item FED 33
- Using the mouse with [Show Font] Font Editor menu item FED 9, 33
- mouse-1-1** PRIM 103
- mouse-1-2** PRIM 103
- mouse-2-1** PRIM 103
- mouse-2-2** PRIM 103
- mouse-3-1** PRIM 103
- mouse-3-2** PRIM 103
- tv: mouse-button-encode** function WINDOC 71
- tv: mouse-buttons** function WINDOC 72
- :mouse-buttons** message WINDEX 16
- :mouse-buttons** method of
 - tv:essential-mouse** WINDEX 17
- :mouse-click** message WINDEX 17
- :mouse-click** method RN 149
- :mouse-click** method of **tv:essential-mouse** RN 42, WINDOC 69, WINDEX 17, 18
- Changes to **:mouse-click** method of **tv:essential-mouse** RN 42
- tv: mouse-double-click-time** variable RN 103, WINDOC 76
- tv: *mouse-incrementing-keystates*** variable RN 103, WINDOC 76
- tv: mouse-input** function WINDOC 72, WINDEX 78
- :mouse-item** line item entry attribute SCROLL 9
- mouse-l-1** PRIM 103
- mouse-l-2** PRIM 103
- tv: mouse-last-buttons** variable WINDOC 71, WINDEX 57, 59
- mouse-m-1** PRIM 103
- mouse-m-2** PRIM 103
- New variable: **tv: *mouse-modifying-keystates*** RN 102
- tv: *mouse-modifying-keystates*** variable RN 103, WINDOC 76
- :mouse-moves** message WINDEX 16
- :mouse-moves** method of
 - tv:essential-mouse** WINDEX 16, 18
- :mouse-or-kbd-tyl** method of **tv:stream-mixin** RN 42, WINDOC 44
- Changes to **:tyl, :tyl-no-hang, :list-tyl, :mouse-or-kbd-tyl, and :mouse-or-kbd-tyl-no-hang** methods of **tv:stream-mixin** RN 40
- :mouse-or-kbd-tyl-no-hang** method of
 - tv:stream-mixin** RN 42, WINDOC 45
- Changes to **:tyl, :tyl-no-hang, :list-tyl, :mouse-or-kbd-tyl, and :mouse-or-kbd-tyl-no-hang** methods of **tv:stream-mixin** RN 40
- tv: mouse-overseer** function WINDEX 16
- mouse-r-1** PRIM 103
- mouse-r-2** PRIM 103
- :mouse-self** global line attribute SCROLL 9
- Mouse-sensitive areas WINDEX 16, MENUS 2
- Mouse-sensitive Areas Example MENUS 88
- Mouse-sensitive entries SCROLL 6
- Mouse-Sensitive **format** Directive: **^M** WINDEX 47
- Mouse-Sensitive **format** Directive: **^M** WINDEX 48
- Source Code: Mouse-Sensitive **format** Directive: **^M** WINDEX 50
- Attributes of a Mouse-sensitive item MENUS 82
- Mouse-sensitive items WINDEX 6, 17, 24, MENUS 2
- Associating Actions with Mouse-sensitive items MENUS 82
- Create and display mouse-sensitive items MENUS 85

- Introduction: Simple
Simple
Source Code: Simple
Using the mouse with
The
- Introduction: Overlapping
Overlapping
Source Code: Overlapping
- Creating
:choose method of
- tv:
flavor WINDEX 30, 31
Mouse-sensitivity LMS 12
- tv:
tv:
New optional argument to tv:
tv:
tv:
Previously undocumented variables: sys:
sys:
tv:
The tv:
tv:
Previously undocumented variables: sys:
mouse-x-scale-array and sys:
mouse-y-scale-array (LM-2 only) RN 100
sys:
mouse-y-scale-array variable RN 101, WINDOC 75
The
Mouse: Flavors and Messages WINDOC 67
[Move (M)] Zmail command ZMAILC 27
[Move (R)] Zmail menu item ZMAILC 20
[Move / Hardcopy] Zmail menu item HARD 1
Move backward over an address ZMAILT 47
[Move Black] Font Editor menu item FED 14, 29
Move cursor to beginning of line ZMACS 48
Move drawing in the gray plane FED 15, 30
Move forward over an address ZMAILT 47
[Move Gray] Font Editor menu item FED 15, 30
Move In Place Of Referenced Msg (m-X) Zmail
command ZMAILC 21
MOVE instruction INT 37, 44, 52
Move menu item ZMAILC 30
Move menu item ZMAILC 31
Move menu item ZMAILC 28
Move menu item ZMAILC 28
Move menu item ZMAILC 28
Move Over) ZMACS 56
Dired
move point ZMACS 136
L:
Move point mouse click ZMACS 49
Move to Default Previous Point ZMACS 76
Move to Default Previous Point (m-X) Zmail
command ZMAILT 54
L2:
Move to point mouse click ZMACS 49
Move to Previous Point ZMACS 76
Move To Previous Point (c-m-SPACE) TOOLS 55
Move to Previous Point (m-X) Zmail
command ZMAILT 54
c-m-SPACE
(Move To Previous Point) TOOLS 55
Move To Screen Edge ZMACS 48
Move To Specified Line ZMACS 48
[Move View] Font Editor menu item FED 25, 29
- Mouse-Sensitive Items WINDEX 16
Mouse-Sensitive Items WINDEX 15, 17, 24, 30
Mouse-Sensitive Items WINDEX 20
mouse-sensitive items MENUS 83
Mouse-sensitive Items Facility MENUS 81
Mouse-sensitive keys WINDEX 6
Mouse-sensitive regions WINDEX 40, 49
Mouse-Sensitive Regions WINDEX 40
Mouse-Sensitive Regions WINDEX 39
Mouse-Sensitive Regions WINDEX 42
Mouse-sensitive text WINDEX 48
Mouse-sensitive text scroll pane WINDEX 75
Mouse-sensitive Zmacs commands ZMACS 50
mouse-sensitive-area of screen MENUS 85
mouse-sensitive-regions-mixin WINDEX 49
mouse-sensitive-regions-mixin flavor WINDEX 49
mouse-sensitive-text-scroll-window
flavor WINDEX 30, 31
mouse-set-blinker-cursorpos function WINDEX 18
mouse-sheet variable WINDEX 59
mouse-wait RN 101
mouse-wait function RN 101, WINDOC 71, WINDEX
59
mouse-wakeup function WINDEX 19
mouse-x variable WINDOC 71, WINDEX 59
mouse-x-scale-array and sys:mouse-y-scale-array
(LM-2 only) RN 100
mouse-x-scale-array variable RN 100, WINDOC 73
mouse-y variable WINDOC 71, WINDEX 59
mouse-y-or-n-p Facility MENUS 20
mouse-y-or-n-p function MENUS 20
sys:mouse-x-scale-array and sys:
mouse-y-scale-array (LM-2 only) RN 100
mouse-y-scale-array variable RN 101, WINDOC 75

- [Move Window] Edit Screen menu item WINDOC 3
- Default move-destination file ZMAILC 20
- Functions moved from the **sl** package to **global**: deallocate-
whole-resource, **map-resource** RN 13
- Symbols moved to or from **global** package RN 9
- MOVEM instruction INT 44, 52
- Movement and Deletion ZMAILT 53
- Movement Commands ZMAILT 53
- Cursor movement commands ZMACS 23, 51
- Simple Movement Commands ZMAILT 53
- [Move] Map over menu item ZMAILC 30
- [Move] Zmail menu item ZMAILC 8, 20, 27, 28, 29,
30, 31
- Moving a Message to a File ZMAILC 20
- Moving Around ZMAILT 13
- Moving messages ZMAILC 30
- Moving text TOOLS 54
- Moving the Cursor ZMACS 23, 45, 50
- Moving the Drawing FED 20, 29
- Moving the New Release to Other Lisp Machines At
the Site SIG 20
- Moving to end of buffer ZMACS 60
- Append To Referenced Msg (m-X) Zmail command ZMAILC 21
- Decrypt Msg (m-X) Zmail command ZMAILT 11
- Move In Place Of Referenced Msg (m-X) Zmail command ZMAILC 21
- Redistribute Msg (m-X) Zmail command ZMAILT 31
- Select Referenced Msg (m-X) Zmail command ZMAILC 21
- Delete Duplicate Msgs (m-X) Zmail command ZMAILT 59, ZMAILC 18
- Delete Referenced Msgs (m-X) Zmail command ZMAILC 18, 21
- [Save Draft As Msg] Editor menu item ZMAILT 44
- [Send Msg] Editor menu item ZMAILT 46
- New canonical file type: **:mss** RN 126
- ITS/TOPS-20/WAITS standard
- Geometry Example 1: A
- Multics external arrays ARR 23
- Multidimensional Arrays on the 3600 Remember
Actual Dimensions RN 78
- Multilevel Qualified Names PKG 21
- Multipackage Programs PKG 53
- Multiple and Out-of-order Evaluation MAC 21
- Multiple buffers ZMACS 102
- The Multiple Choice Facility MENUS 51
- The Basic Multiple Choice Flavor MENUS 54
- The Standard Multiple Choice Function MENUS 52
- Multiple choice menu MENUS 51
- Instantiable Multiple Choice Menu Flavors MENUS 54
- Multiple Choice Menus MENUS 2
- Using the mouse with multiple choice window MENUS 51
- Multiple choice window parameters MENUS 51, 55
- The Need for Multiple Contexts PKG 1
- Multiple disk drives NETIO 13
- Multiple Disk Units NETIO 13
- Multiple dynamic columns MENUS 36
- Multiple Edit Callers (m-X) TOOLS 40
- Multiple Edit Callers (m-X) Zmacs command ZMACS
170
- Hardcopy files with multiple fonts HARD 9
- Multiple instances of windows LMS 15
- Multiple List Callers (m-X) TOOLS 40
- Multiple List Callers (m-X) Zmacs command ZMACS
171
- The Multiple menu choose MENUS 47
- Instantiable Multiple Menu Choose Facility MENUS 47
- The Standard Multiple Menu Choose Flavors MENUS 49
- Multiple Menu Choose Function MENUS 47

- Multiple Menu Choose Menu MENU 2
- Multiple Menu Choose Mixin and Resource MENU 48
- Selecting
 - multiple menu items MENU 41
 - Multiple Menu Mixins MENU 41
 - Multiple Menus MENU 2, 41
- Instantiable
 - Multiple Menus MENU 42
- Using the mouse with
 - multiple menus MENU 41
 - Multiple Partitions FILE 67
- LMFS
 - multiple partitions FILE 67
 - Multiple paths to a service PROT 41
 - Multiple Query Replace (m-X) Zmacs command ZMACS 91
- Tags
 - Multiple Query Replace (m-X) Zmacs command ZMACS 96
 - Multiple Query Replace From Buffer (m-X) Zmacs command ZMACS 92
 - Multiple reel tape files NETIO 7
- Multiple Values EVAL 25
- Functions that return
 - multiple values EVAL 25
- Returning
 - multiple values INT 49
- Displaying
 - multiple values of a function SCROLL 6
- Deleting
 - Multiple Versions ZMACS 138
 - Multiple windows ZMACS 102
- :choose message tv:
 - multiple-choice** MENU 55
- :setup message tv:
 - multiple-choice** MENU 55
 - tv: **multiple-choice** Example MENU 55
 - tv: **multiple-choice** flavor MENU 54
 - tv: **multiple-choice** Menu Messages MENU 55
 - tv: **multiple-choose** function MENU 52
 - tv: **multiple-choose** Menu Example MENU 53
 - :multiple-choose** message MENU 47
- New condition flavor: fs:
 - multiple-file-not-found** RN 69
 - fs: **multiple-file-not-found** flavor RN 70, COND 68
- Multiple-line objects SCROLL 3
- tv: **multiple-menu** flavor MENU 42
- tv: **multiple-menu-choose** Example MENU 48
- tv: **multiple-menu-choose** function MENU 47
- tv: **multiple-menu-choose-menu** Example MENU 49
- tv: **multiple-menu-choose-menu** flavor MENU 49
- tv: **multiple-menu-choose-menu-mixin** flavor MENU 48
- :special-choices init option for tv:
 - multiple-menu-mixin** MENU 42
 - tv: **multiple-menu-mixin** flavor MENU 41
 - tv: **multiple-menu-mixin** Init-plist Options MENU 42
 - tv: **multiple-menu-mixin** Messages MENU 42
 - multiple-value** special form EVAL 25, TOOLS 109, INT 49
 - multiple-value-bind** special form EVAL 26, INT 49
- New special forms:
 - multiple-value-call** and **multiple-value-prog1** RN 47
 - multiple-value-call** special form RN 47, EVAL 26
 - multiple-value-list** special form EVAL 26
 - multiple-value-prog1** RN 47
 - multiple-value-prog1** special form RN 48, EVAL 27
- Double-precision
 - multiplication PRIM 69
 - multiplication PRIM 82
 - Multiplication of 24-bit numbers PRIM 82
 - %multiply-fractions** function PRIM 82
- math:
 - multiply-matrices** function ARR 19
- Hash table considerations while using
 - Multiprocessing PROC 1
 - multiprocessing PRIM 42
 - Files That
 - Must Be Compiled on the 3600 and the LM-2 COMP 21
- Files That Maclisp
 - Must Compile COMP 23
 - My Address register NETIO 70
- chaos:
 - my-address** function SIG 35

N

N

N

- Area
- Display process
- FEP directory
- Host-independent file
- JNAME user process
- Messages to **netl**:
- Named structure
 - Print
 - Qualified
- Special Defaulting of the
 - The Print
- UNAME user process
 - Window
- Set Visited File
 - Default File
- Command
- Package
- Symbol
- File
 - FUNCTION 2 W displays current process
- True
- Primary
- Tape
- Logical Pathname
 - sys**:
 - name-conflict** flavor PKG 51
 - name-font** init option for **tv:basic-choose-variable-values** MENUS 74
 - name-wild-p** method of **fs:pathname** FILE 39
- Arpanet
 - Name/Finger protocol NETIO 65
 - name**: host object attribute PROT 5
 - name**: network object attribute PROT 12
 - name**: user object attribute PROT 9
 - named** clause FLOW 47
 - named** keyword FLOW 47
- Globally
 - named objects PROT 3
 - named** option for **defstruct** DEFS 7
- N Dired command ZMACS 138
- N Zmail command ZMAILT 53, ZMAILC 17
- si**:
 - *n-disk-retries*** variable INT 62, 64
 - Name NETIO 65, PROT 2, 26
 - name STOR 1
 - name RN 148
 - name INT 69
 - name FILE 17
 - name NETIO 77
 - name** PROT 29
 - name DEFS 27
 - name PRIM 1, 57
 - name PROT 3
 - Name STR 83, FILE 26
 - Name PRIM 57
 - name NETIO 77
 - name MENUS 99
 - Name (m-X) Zmacs command ZMACS 110
 - Name Changed for Commands in Dired Buffer RN 126
 - name completion ZMACS 44
 - Name conflicts PKG 46
 - name conflicts PKG 15
 - name conflicts PKG 8
 - Name Conflicts: Macros MAC 15
 - Name Conflicts: Packages PKG 27
 - name conventions FILE 1
 - name in status line RN 148
 - :name** init option for **tv:menu** MENUS 99
 - :name** init option for **tv:sheet** WINDOC 85
 - name** keyword for **terminal-f-argument** attribute PROT 5
 - Name Last Kbd Macro (m-X) TOOLS 59
 - Name Last Kbd Macro (m-X) Zmacs command ZMACS 185
 - :name** message FILE 12, PROT 29
 - :name** message to **sys:package-not-found** COND 62, PKG 51
 - :name** method of **fs:pathname** FILE 32
 - :name** method of **si:process** PROC 15
 - :name** method of **tv:sheet** WINDOC 85
 - name of file STR 70
 - name of object PROT 29
 - :name** option for **defsystem** MAINT 3
 - :name** option for **make-area** 3600 29, STOR 2
 - :name** option for **process-run-function** PROC 25
 - :name** option for **process-run-restartable-function** function PROC 25
 - name** primitive type PROT 30
 - name** printer attribute HARD 5
 - NAME protocol NETIO 65
 - Name [Reload/Retrieve] parameter SITE 10
 - Name, Type, and Version Now Separated by Periods RN 35

- Inspecting a
Printed representation of a
 - :named** option for **defstruct-define-type** DEFS 30
 - named structure MISCT 3
 - named structure PRIM 89
 - Named structure array ARR 4, 7
 - Named structure name DEFS 27
 - Named structure **property-alist** DEFS 27
 - Named structure size DEFS 27
 - Named structure **slot-alist** DEFS 27
 - Named structure symbol DEFS 23
 - Named structures DEFS 7, 23
 - :named-array** symbol in **:type** option to **defstruct** DEFS 7
 - :named-array-leader** symbol in **:type** option to **defstruct** DEFS 7
 - Named-lambda expression as line item entry SCROLL 6
 - named-lambda** functions FUNC 9, 11
 - :named-list** symbol in **:type** option to **defstruct** DEFS 7
 - named-structure-invoke** function DEFS 25
 - named-structure-invoke** property DEFS 23
 - named-structure-p** function DEFS 24
 - named-structure-symbol** function DEFS 25
 - :named-structure-symbol** option for **make-array** ARR 7
 - named-subset** functions FUNC 11
 - named-subst** functions FUNC 9
 - Maclisp
 - Names PKG 1
 - names ZMACS 18
 - names WINDOC 62
 - Names ZMACS 4
 - names ZMAILC 33
 - Names NETIO 42
 - names PKG 9
 - names ZMAILC 33
 - names FUNC 18
 - Names ZMAILC 33
 - names WINDOC 54, 61
 - names PKG 20
 - names ZMAILC 33
 - names PRIM 56
 - names PRIM 56
 - names FLAV 11
 - Names PKG 21
 - names ZMAILC 33
 - Names PKG 15
 - Names COND 40
 - Names PKG 19, 23
 - Names PKG 16, 44
 - names ZMAILC 33
 - names PKG 16
 - names ZMAILC 33
 - Names PRIM 103
 - Names 3600 7
 - names NETIO 43
 - Symbols in **global** and **keyword** packages with the same
 - names RN 7
 - Names and Namespaces PROT 3
 - Names and Objects PROT 29
 - Names and Packages PKG 41
 - Names as Interfaces PKG 20
 - :names** message PROT 29
 - Names of commands ZMACS 5, 34
 - names of commands ZMACS 6
 - Names of functions FUNC 1
 - Names of processes PROC 25
 - names of shift keys WINDOC 75
- Messages to Namespace
 - Mapping Between Qualified
 - Local
 - Symbolic

- Names of structure accessor functions DEFS 7
- Names of structures DEFS 5
- Symbol print
 - Mapping
 - Mapping
 - Mapping from
 - Changes to
- Create object file for hosts in
 - Network
- Registering Users in the Site's
 - Managing the
 - Network not in
 - Update the
- Messages to
 - descriptor-file:**
 - primary-name-server:**
 - search-rules:**
 - secondary-name-server:**
- Network
 - Primary
 - Lisp Machine
 - Network
 - net:**
 - net:**
- Names and
 - Maclisp
 - Init File
- FEP File System:
 - Pathname Messages:
- Names of structures DEFS 5
- names storage area STOR 5
- names to objects PROT 3
- Names to Symbols PKG 37
- names to symbols PKG 1
- namespace PROT 23
- namespace PROT 25
- namespace RN 143
- Namespace SIG 17
- Namespace attributes PROT 18
- Namespace database SIG 6
- Namespace Database PROT 21
- namespace database PROT 73
- namespace database PROT 25
- Namespace database descriptor files PROT 21
- Namespace descriptor file SIG 2
- Namespace editor RN 107, PROT 19, SIG 6
- :namespace** message PROT 29
- Namespace Names and Objects PROT 29
- Namespace object PROT 2
- namespace object attribute PROT 18
- namespace object attribute PROT 19
- namespace object attribute PROT 18
- namespace object attribute PROT 19
- Namespace Objects PROT 18
- Namespace Protocol PROT 32
- Namespace server SIG 2
- namespace server PROT 21
- Namespace Server Files PROT 21
- namespace** Service PROT 58
- namespace system RN 1, 107
- Namespace Timestamp Protocol PROT 34
- *namespace*** variable PROT 27
- *namespace-search-list*** variable PROT 27
- namespace-timestamp** Service PROT 58
- Namespaces PROT 3
- Namespaces PROT 3
- namestring** function FILE 55
- Naming a File ZMACS 109
- Naming convention PRIM 3
- Naming Conventions FILE 54
- Naming mail collections ZMAILC 28
- Naming of FEP Files INT 69
- Naming of Files FILE 1
- Naming of Files FILE 42
- Naming of Files FILE 32
- Native case representation FILE 12
- Native pathname component case FILE 12
- Natural logarithms PRIM 74, 75
- NBS encryption ZMAILT 11
- nbutlast** function PRIM 26, ARR 16
- nc*-N Zmail command ZMAILC 17
- nc*-P Zmail command ZMAILC 17
- nconc** clause FLOW 42
- nconc** function PRIM 25, 29
- nconc** keyword FLOW 42
- :nconc** method combination type FLAV 49
- nconcing** keyword FLOW 42
- ncons** function PRIM 18, 29
- ncons-in-area** function PRIM 19
- NCP RN 109
- :near-mode** init option for
 - tv:choose-variable-values** MENUS 62
- The Need for Multiple Contexts PKG 1
- Babyl files with **summary-window-format** other than **t** or **nil**
 - need to be edited RN 129
- Memory Board Not Needed in Lbus Slot 0 RN 136

- Testing for Square root of a
- sys:**
- Printing Point motion along Point motion between
- :desirability** option for
:invoke option for
:invoke-with-stream option for
:invoke-with-stream-and-close option for
:property option for
- :accept-p** stream option for
:ascii-translation stream option for
:conn option for
:direction stream option for
:host option for
:medium option for
:network option for
:no-eof option for
:reject-unless-secure option for
:request-array option for
:response-array option for
:secure-p option for
:stream option for
:who-line option for
- negative number PRIM 64
negative number error COND 56
Negative Numeric Arguments ZMACS 51
Negative priorities WINDOC 13
negative-sqrt flavor COND 56
neq function PRIM 7
nested lists PRIM 92
nesting level ZMACS 54
nesting levels ZMACS 54
Nesting Macros MAC 24
net package PKG 49
net:*local-host* variable PROT 26
net:*local-site* variable PROT 26
net:*namespace* variable PROT 27
net:*namespace-search-list* variable PROT 27
net:abort-service-access-path-future function PROT 41
net:after-network-initialization-list variable PROT 78
net:continue-service-access-path-future function PROT 40
net:define-medium macro PROT 76
net:define-medium special form PROT 43
net:define-protocol PROT 48
net:define-protocol PROT 48
net:define-protocol PROT 48
net:define-protocol PROT 48
net:define-protocol PROT 48
net:define-protocol special form PROT 48, 76
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server PROT 50
net:define-server special form PROT 50
net:find-object-from-property-list function PROT 27
net:find-object-named function PROT 27
net:find-objects-from-property-list function RN 143, PROT 27
net:find-path-to-protocol-on-host function PROT 39
net:find-paths-to-protocol-on-host function PROT 39
net:find-paths-to-service function PROT 39
net:find-paths-to-service-on-host function PROT 39
net:finger-all-lispms function NETIO 86
net:finger-local-lispms function NETIO 86
net:finger-location variable NETIO 85
net:get-connection-for-service function PROT 49
net:invoke-multiple-services macro PROT 48
net:invoke-multiple-services special form PROT 41
net:invoke-service-access-path function PROT 39
net:invoke-service-on-host function PROT 38
net:network flavor PROT 73
net:network-type-flavor property PROT 73
net:note-server-closed function PROT 84
net:note-server-established function PROT 81, 83
net:service-access-path-future-connected-p function PROT 40
net:set-site function SIG 35

net:start-service-access-path-future function PROT 40
NETBLK system call NETIO 75
neti package PKG 49
neti:*interfaces* variable PROT 70
neti:*invoke-service-automatic-retry* variable PROT 39
neti:*local-networks* variable PROT 78
neti:*servers* variable PROT 81, 83
neti:allocate-packet-buffer function PROT 65
neti:change-server-error-disposition function PROT 53
neti:deallocate-packet-buffer function PROT 65
neti:disable function RN 107, 108, NETIO 92
neti:disable replace **chaos:reset**, **chaos:enable**, and **chaos:disable** RN 107
neti:enable function RN 107, 108, NETIO 92
neti:enable, and **neti:disable** replace **chaos:reset**, **chaos:enable**, and **chaos:disable** RN 107
neti:find-network-interfaces function PROT 71
neti:find-path-to-service-on-host function PROT 39
neti:funcall-server-internal-function PROT 82
neti:funcall-server-internal-function PROT 82
neti:funcall-server-internal-function PROT 82
neti:funcall-server-internal-function PROT 82
neti:funcall-server-internal-function PROT 82
neti:funcall-server-internal-function PROT 82
neti:funcall-server-internal-function function PROT 81, 83
neti:get-sub-packet function PROT 66
neti:map-packet-buffers function PROT 69
neti:maybe-packet-buffer-panic function PROT 69
neti:most-desirable-service-access-path function PROT 40
Messages to
Messages to
neti:name PROT 29
neti:object PROT 29
neti:packet-being-transmitted function PROT 68
neti:packet-buffer-panic function PROT 69
neti:prune-namespace-changes-file function PROT 25
neti:read-nic-host-table function PROT 25
neti:read-object-file-and-update function PROT 25
neti:reset function RN 107, 108, NETIO 92
neti:reset, **neti:enable**, and **neti:disable** replace **chaos:reset**, **chaos:enable**, and **chaos:disable** RN 107
neti:server-argument-descriptions function PROT 83
neti:server-function function PROT 83
neti:server-medium-type function PROT 83
neti:server-number-of-arguments function PROT 83
neti:server-property-list function PROT 83
neti:server-protocol-name function PROT 81, 83
neti:translate-hosts.text-file function PROT 25
neti:with-server-error-disposition macro PROT 52
neti:write-hosts.text-file function PROT 26
neti:write-nic-host-table-file function PROT 26
NETWORK LMS 41
network PRIM 103
Network 3600 1, 11, PROT 35
Network PROT 73
network PROT 12
network PROT 78
network PROT 78
network RN 151
network PROT 12
network PROT 78
Defining a
Direct-dial telephone
Disabling a
Enabling a
International dial
Packet-switching
Resetting a

- Xerox 3-MB Ethernet PUP
 - network PROT 12
 - NETWORK A command RN 114
- Host
 - network address PROT 74
 - Network Addresses PROT 74
 - Network attributes PROT 12
 - NETWORK commands RN 114
 - Network connection problems COND 74
 - Network Control Program NETIO 34
- Chaosnet
 - Network Control Program NETIO 41
 - NETWORK D command RN 114
 - Network database RN 107, PROT 1, 35
- Add new objects to
 - network database PROT 19
- Edit objects in
 - network database PROT 19
- Functions:
 - Network Database PROT 27
- Introduction:
 - Network Database PROT 1
- Queries to
 - network database PROT 32
- Updates to
 - network database PROT 32
- User Interface to the
 - Network Database PROT 19
 - Network database attributes HARD 3, 4, 5
 - Network Database Attributes Relating to Printers HARD 3
 - Network Errors COND 73, PROT 77
- Access files on
 - network file servers NETIO 64
- net:**
 - network** flavor PROT 73
 - Network header format ZMAILT 37
 - NETWORK L command RN 114
 - NETWORK M command RN 114
 - Network maintenance NETIO 63
- Interaction with Peek
 - Network Mode PROT 80
 - Network namespace RN 143
 - Network Namespace Protocol PROT 32
 - Network namespace system RN 1, 107
 - Network node NETIO 34
 - Network not in namespace database PROT 73
 - Network object PROT 2
 - network object attribute PROT 12
 - name:** network object attribute PROT 12
 - nickname:** network object attribute PROT 12
 - site:** network object attribute PROT 12
 - subnet:** network object attribute PROT 13
 - type:** network object attribute PROT 12
 - Network Objects PROT 12
 - :network** option for **net:define-server** PROT 50
 - network** package PKG 49
- Local
 - Network Problems COND 73
- Remote
 - Network Problems COND 74
 - NETWORK Q command RN 114
 - :network** step type PROT 42
- Interfacing to the
 - Network System PROT 63
- The Lisp Machine Generic
 - Network System PROT 35
- :gateway-pseudonet**
 - network type PROT 42
- chaos**
 - network type PROT 12
- dial**
 - network type PROT 12
- DIAL
 - network type RN 151
- gateway-pseudonet**
 - network type PROT 12
- internet**
 - network type PROT 12
- pup**
 - network type PROT 12
- x25**
 - network type PROT 12
- NETWORK X command LMS 35
- NETWORK X command RN 114
- sys:** **network-error** flavor COND 73
- network-internals** package PKG 49
- fs:** **network-lossage** flavor COND 66
- network-namespace** attribute PROT 22
- sys:** **network-resources-exhausted** flavor COND 73
- net:** **network-type-flavor** property PROT 73
- Networks RN 1, PROT 3, 73
- networks PROT 35
- networks PROT 72

- Initializing local networks PROT 77
- Local networks PROT 77
- Networks and Addresses PROT 35
- Changes to Networks in Release 5.0 RN 107
- Incompatible Changes to Networks in Release 5.0 RN 107
- New Features in Networks in Release 5.0 RN 108
- NETWRK subroutine package NETIO 73
- never** clause FLOW 45
- never** keyword FLOW 45
- New Buffer-history Mechanism in Zmacs RN 125
- New canonical file type: **:mss** RN 126
- Creating new characters FED 9
- New Choose-variable-values Keywords RN 76
- New clause for **condition-call**: **:no-error** RN 98
- [New collection] Move menu item ZMAILC 28
- Creating New Commands: Keyboard Macros ZMACS 183
- Indent New Comment Line ZMACS 158
- Indent New Comment Line (m-LINE) TOOLS 23
- m-LINE (indent New Comment Line) TOOLS 23
- New Compiler 3600 13
- Incompatible Changes: New Compiler 3600 13
- Internals: New Compiler 3600 14
- Introduction: New Compiler 3600 13
- New Features: New Compiler 3600 14
- New condition flavor: **fs:multiple-file-not-found** RN 69
- New condition flavor: **fs:rename-across-hosts** RN 70
- Creating New Conditions COND 7
- Start a new conversation CONV 1
- New data types: **:single-float** and **:double-float** RN 49
- New Default LMFS Translation Table for Sys Hosts RN 119
- New Default Representations for Newest and Oldest Logical Pathname Versions RN 35
- New Defaults for FEP Commands RN 134
- New descriptions: **si:bitscale**, **si:digitscale**, **si:non-terminating-macro** RN 17
- New error flavors: **sys:parse-error** and **sys:parse-ferror** RN 23
- New feature: Flavor Examiner (SELECT X) RN 114
- FEP Version 14: New Features RN 133
- FEP Version 15: New Features RN 135
- FEP Version 16: New Features RN 136
- New Features Associated with the Input Editor (Rubout Handler) RN 57
- New Features in Lisp in Release 5.0 RN 44
- New Features in Networks in Release 5.0 RN 108
- New Features in the File System in Release 5.0 RN 120
- New Features in Utilities in Release 5.0 RN 114
- New Features in Zmacs in Release 5.0 RN 124
- New Features in Zmail in Release 5.0 RN 130
- New Features: New Compiler 3600 14
- New FEP Commands: Add Disk-type and Clear Disk-types RN 136
- [New filter] Filter Selection Display menu item ZMAILC 10
- New flavor: **tv:margin-space-mixin** RN 74
- New flavors: **tv:truncatable-lines-mixin**, **tv:truncating-lines-mixin** RN 102
- New font: **fonts:cptfont1** RN 75
- Creating new fonts FED 8
- New **format** directives: **~>** and **~<** RN 55
- New format for **trace** output RN 96
- New Function for Putting Data in Compiled Code Files 3600 32

- New function to be called by reader macros:
 - si:read-recursive** RN 83
- New function: **applyhook** RN 72
- New function: **chaos:conn-finished-p** RN 109
- New function: **dfloat** RN 49
- New function: **eqi** RN 44
- New function: **make-package** RN 7
- New function: **mod** RN 49
- New function: **read-delimited-string** RN 60
- New function: **readline-or-nil** RN 63
- New function: **si:patch-loaded-p** RN 70
- New function: **si:read-or-end** RN 62
- New function: **sys:parse-ferror** RN 24
- New function: **undefflavor** RN 53
- New functions: **byte**, **byte-size**, **byte-position** RN 50
- New functions: **si:make-process-queue**, **si:process-enqueue**, **si:process-dequeue**, **si:process-queue-locker**, **si:reset-process-queue** RN 71
- New functions: **sys:single-float-p**, **sys:double-float-p** RN 49
- Minor Changes to Your Site:
 - New Hosts, New Printers, New Users SIG 21
 - New Information on Getting Started LMS 34
 - New initialization list: **:after-full-gc** RN 73
 - New input editor options: **:no-input-save**, **:activation**, **:command**, **:preemptable** RN 57
 - Adding new keywords to initialization functions INIT 1
 - Adding New Keywords to **make-system** MAINT 21
 - Indent New Line ZMACS 151
 - Starting a New Line ZMACS 20
 - Indent New Line (LINE) TOOLS 23
 - LINE (Indent New Line) TOOLS 23
 - Create new logical host RN 37, FILE 51
 - New macro: **sys:with-open-file-search** RN 69
 - New macro: **tv:with-mouse-grabbed-on-sheet** RN 74
 - New macro: **with-input-editing** RN 59
 - New mail ZMAILT 47, ZMAILC 3, 4
 - Getting new mail ZMAILT 11
 - Check for New Mail (m-X) ZMAILT 50
 - Create a new message ZMAILT 31
 - New message to arithmetic errors: **:operands** RN 98
 - New message to conditions: **:special-command-p** RN 74
 - New messages ZMAILT 47
 - New Metering Tools for the 3600 RN 50
 - New Meters for the LM-2 RN 52
 - Adding new methods FLAV 11, 30
 - New methods of **tv:stream-mixin**: **:start-typeout**, **:finish-typeout**, **:rescanning-p**, **:force-rescan**, **:replace-input**, **:read-bp** RN 63
 - Installing New Microcode SITE 31
 - New Microcode in Release 5.0: 270 on 3600, 998 on LM-2 RN 3
 - Adding new networks PROT 35
 - Add new objects to network database PROT 19
 - New **open** option: **:estimated-length** RN 25
 - New **open** options: **:if-exists** and **:if-does-not-exist** RN 25
 - New option for **defflavor**: **:mixture** RN 54
 - New option for **defflavor**: **:required-init-keywords** RN 53
 - New option for **si:sb-on**: **:mouse** (3600 only) RN 95
 - :new** option for **tv:edit-namespace-object** PROT 19
 - New optional argument to **gc-immediately** RN 98
 - New optional argument to **read** RN 61
 - New optional argument to **tv:mouse-wait** RN 101
 - New optional arguments to **print-notifications** RN

- 99
- New optional arguments to **read-from-string** RN 84
 - New optional arguments to **string-upcase** and **string-downcase** RN 80
 - New options for **make-plane**: **:initial-dimensions**, **:initial-origins** RN 80
 - Adding New Options to **defsystem** MAINT 23
 - New primitives replace **apply** and **lexpr-funcall** on arrays 3600 18
 - Minor Changes to Your Site: New Hosts, New Printers, New Users SIG 21
 - [New Properties] File System Editor menu item FSED 1
 - New reader macro: **#B** RN 18
 - Moving the New Release to Other Lisp Machines At the Site SIG 20
 - Installing New Releases Distributed in Patch Tape Format SIG 22
 - Installing New Releases Distributed in World Load Format SIG 22
 - Installing New Rules for Reading Ambiguous Tokens RN 19
 - New SELECT Key Options LMS 35
 - Installing New Software SITE 24
 - New special form: **defconstant** RN 45
 - New special form: **define-symbol-macro** RN 53
 - New special form: **defpackage** RN 7
 - New special form: **format:defformat** RN 56
 - New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
 - New special forms: **block** and **tagbody** RN 46
 - New special forms: **multiple-value-call** and **multiple-value-prog1** RN 47
 - New Subprimitives 3600 24
 - New subprimitives: **sys:%fixnum** and **sys:%flonum** 3600 22
 - Adding new symbols to locked packages PKG 58
 - New terminal program (SELECT T) RN 114
 - New Terminal Program SELECT T LMS 35
 - [New universe] Universe Selection Display menu item ZMAILC 13
 - Minor Changes to Your Site: New Hosts, New Printers, New Users SIG 21
 - New variable: **cl:*read-default-float-format*** RN 17
 - New variable: **dbg:*debug-io-override*** RN 74
 - New variable: **fs:*remember-passwords*** RN 70
 - New variable: **gc-on** RN 73
 - New variable: **tv:*mouse-modifying-keystates*** RN 102
 - New variable: **tv:cold-load-stream-old-selected-window** RN 74
 - New variable: **tv:rh-typeout-default** RN 65
 - Concepts: Saving New Versions of World Loads SITE 17
 - Saving New Versions of World Loads SITE 17
 - New Window System WINDOC 1
 - Introduction: New Yank System INED 1
 - Numeric Arguments: New Yank System INED 9
 - New Zmacs command: Resume Patch (m-X) RN 124
 - New Zmacs command: Source Compare Newest Definition (m-X) RN 124
 - New Zmacs command: Start Private Patch (m-X) RN 124
 - New Zwei command: Comment Out Region (c-X c-;) RN 125
 - New Zwei command: Find Files in Tag Table (m-X) RN 125
 - New [map Over] Menu Item: [reply] RN 130
 - New [map Over] Menu Item: [select Conversation] RN 130

- :new-canonical-type** method of **fs:pathname** FILE 35
- :new-default-pathname** message FILE 12
- :new-default-pathname** method of **fs:pathname** FILE 36
- :new-device** method of **fs:pathname** FILE 34
- :new-directory** method of **fs:pathname** FILE 34
- :new-name** method of **fs:pathname** FILE 34
- :new-name** proceed type COND 62, PKG 51
- :new-ok** option for **fs:complete-pathname** STR 81, FILE 24
- :new-pathname** message FILE 12
- :new-pathname** method of **fs:pathname** FILE 36
- :new-raw-device** message FILE 12
- :new-raw-device** method of **fs:pathname** FILE 35
- :new-raw-directory** message FILE 12
- :new-raw-directory** method of **fs:pathname** FILE 35
- :new-raw-name** message FILE 12
- :new-raw-name** method of **fs:pathname** FILE 35
- :new-raw-type** message FILE 12
- :new-raw-type** method of **fs:pathname** FILE 35
- :new-symbol-function** option for **defpackage** PKG 33
- :new-symbol-function** option for **make-package** PKG 35
- :new-type** method of **fs:pathname** FILE 34
- :new-version** method of **fs:pathname** FILE 34
- :new-version** symbol in **:if-exists** option for **open** INT 69
- :new-version** value of **open** option for **:if-exists** RN 25, STR 63
- New Default Representations for Newest and Oldest Logical Pathname Versions RN 35
- Newest Definition (m-X) RN 124
- Newest Definition (m-X) Zmacs command RN 124
- :newest** symbol in **make-system :version** option MAINT 13
- Both default pathnames for Source Compare (m-X) now use **:newest** version RN 123
- > newest version specifier RN 35
- Newline NOTA 1
- Newline characters ZMACS 20
- Newlines ZMACS 20, 56
- [New] Keywords menu item ZMAILC 25
- next address ZMAILT 47
- Next frame COND 16
- Next Hog ZMACS 138
- Next Kill ZMACS 65
- Next Page ZMACS 23, 59
- Next Possibility ZMACS 98, 168
- Next Screen ZMACS 24, 47
- Next Undumped ZMACS 140
- [Next] Zmail menu item ZMAILT 13, 53, 59, ZMAILC 17
- nickname:** host object attribute PROT 5
- nickname:** network object attribute PROT 12
- nickname:** user object attribute PROT 10
- Nicknames PROT 3
- :nicknames** option for **defpackage** PKG 33
- :nicknames** option for **make-package** PKG 35
- NIL FLOW 35, 49
- nil** COND 39
- nil** RN 97
- nil** argument to **setsyntax** PRIM 107
- Nil as a menu item MENUS 9
- nil** blinker visibility WINDOC 63
- nil** for equal elements RN 144
- :proceed** can return
- :proceed** methods can now return
- sort** predicate should return

- Babyl files with **summary-window-format** other than **t** or **nil** need to be edited RN 129
- nil** not a valid menu item RN 149
- nil** option for window size and position messages WINDOC 77
- :nil** option to **trace** TOOLS 89
- nil** symbol PRIM 53
- nil** symbol in **:if-does-not-exist** option for **open** INT 69
- nil** symbol in **:if-exists** option for **open** INT 69
- nil** value of **open** option **:if-does-not-exist** RN 25, STR 63
- nintersection** function PRIM 35
- nJ** Zmail command ZMAILC 17
- nleft** function PRIM 26
- nlistp** function PRIM 3
- nN** Zmail command ZMAILC 17
- No Audible Tone Yet 3600 5
- Compiler No Longer Expands Macros in a Different Area STOR 6
- Dired Complement No method for message COND 62
- No Reap Flag ZMACS 139
- sys:** **:no-action** proceed type COND 43, 62, 63, PKG 51
- :no-action-mixin** flavor COND 52
- :no-bot-prompt** option to **tape:make-stream** TAPE 1
- :no-eof** option for **net:define-server** PROT 50
- :no-eof** property PROT 82
- :no-error** COND 15
- :no-error** RN 98
- NO-EXTRA-INTO QFILE DIRECTORY option PROT 120
- fs:** **:no-file-system** flavor COND 66
- :no-increment-patch** option for **make-system** 3600 30, MAINT 13
- :no-input-save** option RN 57, WINDOC 49, STR 49
- :no-input-save** option for **:rubout-handler** message WINDOC 47, STR 46
- New input editor options: **:no-input-save**, **:activation**, **:command**, **:preemptable** RN 57
- fs:** **:no-more-room** flavor COND 71
- :no-pointer** option to **si:printing-random-object** PRIM 89
- tv:** **:no-screen-managing-mixin** flavor WINDOC 14
- :no-select** menu item type MENUS 10
- No-unwind options for **:reset** PROC 18
- :no-vanilla-flavor** option for **defflavor** FLAV 35
- No. Zmail display column heading ZMAILT 3
- :noconfirm** option for **make-system** MAINT 13
- Bridge node NETIO 34
- Network node NETIO 34
- nodeclare** clause FLOW 40
- nodeclare** keyword FLOW 40
- :noerror** option for **fs:directory-list** STR 79
- :noerror** option for **with-open-file** STR 59
- Set Nofill (m-X) TOOLS 11
- Set Nofill (m-X) Zmacs command ZMACS 128
- Nofill file attribute ZMACS 129
- :noload** option for **make-system** MAINT 13
- sys:** **:non-positive-log** flavor COND 55
- New descriptions: **si:bitscale**, **si:digitscale**, **si:** **:non-terminating-macro** RN 17
- Nongeneric protocols PROT 42
- Nonincremental garbage collection STOR 9
- Nonkeyword form of **make-array** is obsolete RN 16
- Nonlocal exit FLOW 25
- Nonlocal exit control structures FLOW 1
- Nonlocal Exits: Differences Between the LM-2 and 3600 3600 28

- Nonlocal Exits: Flow of Control FLOW 25
 - Nonmouse cursor FED 11, 12, 31
 - Nonmouse Cursor FED 12
 - *nonpoint** variable MENU 57
 - nonpositive number error COND 55
 - nonprinting characters PRIM 99
 - :noop** option for **make-system** MAINT 13
 - *nopoint** variable PRIM 90
 - :norewind** option to **tape:make-stream** TAPE 1
 - NORMAL character set translation mode PROT 88
 - :normal** deexposed typein action WINDOC 17
 - :normal** deexposed typeout action WINDOC 9
 - :normal** option for **add-initialization** INIT 1
 - NOS number of output "slots" available NETIO 77
 - :noselective** option for **load-patches** MAINT 33
 - not a valid menu item RN 149
 - not backed up flag FSED 5
 - Not Categorized by Base Flavor COND 56
 - Not Currently Used LMS 43
 - not delete file flag FSED 5
 - Not Exist on the 3600 3600 3
 - Not Existing on the 3600 3600 31
 - not existing on the 3600 3600 32
 - Not Existing on the 3600 3600 23
 - not found INT 66
 - not** function PRIM 8
 - Not Halt the FEP RN 137
 - not in namespace database PROT 73
 - Not Needed in Lbus Slot 0 RN 136
 - not permitted RN 145
 - not reap file flag FSED 5
 - not reentrant COMP 3
 - Not Support Various Switches 3600 32
 - not supported RN 149
 - not supported on the 3600 RN 145
 - Not Used by Standard Software 3600 5
 - not yet seen status ZMAILT 3
 - not-available** flavor COND 72
 - :not-backed-up** file property STR 79
 - not-enough-resources** flavor COND 66
 - Not-fully-visible windows WINDOC 2
 - :not-in-disk-label** option for **defsystem** MAINT 3
 - not-logged-in** flavor COND 67
 - notation PRIM 89
 - notation STR 25
 - Notation Conventions LMS 2
 - Notation Conventions ZMACS 7
 - Notation Conventions NOTA 1
 - Notation Conventions Quick Reference NOTA 7
 - Note on **fs:complete-pathname** STR 85, FILE 28
 - note-server-closed** function PROT 84
 - note-server-established** function PROT 81, 83
 - Notes NETIO 31
 - Notes and Clarifications RN 143
 - Notes on Operations in Release 5.0 RN 151
 - Notes on the 3600 for LM-2 Users 3600 31
 - Notes on the Table 3600 5
 - Notes: Release 4.4 Patch Notes NETIO 31
 - :notice** message WINDOC 9
 - notification CONV 4
 - notification CONV 4
 - Notification Commands LMS 39
 - Notification messages WINDOC 19
 - Notifications RN 117
 - notifications RN 99, MISCF 5
 - :notify** deexposed typein action WINDOC 17
 - :notify** deexposed typeout action WINDOC 9
 - notify** function NETIO 85
- The
 - Logarithm of
 - Character code for
 - QFILE
 - nil
 - ! character, file
 - Miscellaneous System Errors
 - Keys
 - character, do
 - LM-2 Keys That Do
 - Features
 - set-memory-size**: Features
 - Subprimitives
 - Disk block
 - Unplugging Lemo Cables Should
 - Network
 - Memory Board
 - Inspecting hash arrays of **eq** hash tables
 - \$ character, do
 - Compiler
 - Compiler Does
 - tv:set-default-font**
 - store**
 - Keys
 - Message
 - fs**:
 - fs**:
 - fs**:
 - Exponential
 - Print number in exponential
 - Additional
 - Understanding
 - net**:
 - net**:
 - Notes: Release 4.4 Patch
 - Release 5.0:
 - Predicates:
 - Some
 - Turning off Converse
 - Turning on Converse
 - FUNCTION Key: Selection and
 - Changes to Converse
 - Reprints
 - chaos**:

- Shifted Mouse Clicks Can
Default Font Format
)Configuration.fep Files Are
Logical Pathnames
#/ and #\
Second argument to **si:install-microcode**
Major-mode-setting Commands
:proceed methods can
Logical Pathname Name, Type, and Version
LMFS
Both default pathnames for Source Compare (m-X)
Compiler
sys:
Upright Biphase
notify Service PROT 58
:notify value of **zwei:*converse-mode***
variable CONV 7
chaos: **notify-local-lispms** function CONV 4, NETIO 85
:notify-with-message value of **zwei:*converse-**
mode* variable CONV 7
notype data-type keyword FLOW 48
notype function 3600 27
[Not] Filter Creation Display menu item ZMAILC 10
[Not] Filter Selection Display menu item ZMAILC 8
Now Be Used for Editor Commands RN 103
Now Bfd RN 113
Now Called)Boot.boot RN 134
Now Hierarchical RN 35
now identical RN 19
:now option for **add-initialization** INIT 1
now optional RN 94
Now Query About Updating File Attribute List RN
126
now return nil RN 97
Now Separated by Periods RN 35
Now Supports Directory Links RN 120
now use **:newest** version RN 123
now warns about implicit **progn**s in **loops** RN 82
:nowarn option for **load-patches** MAINT 33
:nowarn option for **make-system** MAINT 13
nP Zmail command ZMAILC 17
NPG.IN signal NETIO 106
NPG.OUT NETIO 106
nr-sym variable 3600 29
nreconc function PRIM 26
nreverse function PRIM 24, 29
NRZI technique NETIO 37
nsublis function PRIM 29
nsubst function PRIM 28
nsubstring function ARR 4, 29
nsymbolp function PRIM 3
nth function PRIM 21
nthcdr function PRIM 21
null function PRIM 8
Null modem NETIO 24
Assignment of RS-232 Signals to Pins in Asynchronous
Null Modems NETIO 23
si: **null-stream** function STR 21
Nullifying prefixes ZMACS 32
Number PRIM 3, 61
Area number STR 1
File block number INT 68, 73
File system version number PROT 23
Fixed-point number PRIM 3
float returns a single-precision number RN 48
floatp returns t for any floating-point number RN 49
Font number STR 3
Foreign host number NETIO 81
IDX connection index number NETIO 77
Input channel number NETIO 75
Major version number MAINT 27
Message number ZMAILT 3
Minor version number MAINT 27, 34
Output channel number NETIO 75
Print cardinal number STR 25
Print ordinal number STR 25
Testing for even number PRIM 64
Testing for negative number PRIM 64
Testing for odd number PRIM 64
Testing for positive number PRIM 64
Testing for sign of a number PRIM 65
Unit number INT 55

- USR user index or ITS job number NETIO 77
 Version number INT 27
 Xbus page number NETIO 107
 Disk page number (DPN) INT 55
 Print
 : **number** argument to **typep** PRIM 5
 number as decimal integer STR 25
 Number comparisons PRIM 6, 65
 number data-type keyword FLOW 48
 number error COND 55
 number error COND 56
 number field in disk address INT 55
 number field in disk address INT 55
 number generator PRIM 80
 number in binary RN 18, PRIM 101
 number in exponential notation STR 25
 number in floating point STR 25, 39
 number into disk address INT 72
 Number of arguments to the currently running stack
 group INT 27
 Number of available input packets NETIO 81
 Number of bits per byte STR 59
 number of columns MENUS 14, 98
 Number of disk blocks disk array can contain INT 57
 Number of extra pages to be read from disk 3600 29
 Number of input packets available NETIO 95
 number of input packets buffered NETIO 77
 number of input packets buffered NETIO 77
 number of list elements to be printed PRIM 92
 number of output "slots" available NETIO 77
 Number of packet slots available in output
 window NETIO 81
 Number of packet slots available in transmit
 window NETIO 95
 ACK number of received packets to be
 acknowledged NETIO 77
 Number of unacknowledged output packets NETIO
 81
 : **number** option for **prompt-and-read** RN 85,
 MISCUI 13
 Packet Number packet header field NETIO 44
 number slot DEFS 27
 Convert number to single-precision floating-point RN 48
 Convert number to small flonum RN 48
 : **number** variable type MENUS 59
 sys: **number-array-not-allowed** flavor COND 60
 sys: **number-cons-area** variable INT 27
 number-gc-on function 3600 27, STOR 7
 : **number-of-data-bits** serial I/O parameter NETIO 27
 : **number-of-disk-blocks** option for **open** INT 69, 72
 sys: **%number-of-micro-entries** variable INT 27
 : **number-of-stop-bits** serial I/O parameter NETIO 27
 : **number-or-nil** option for **prompt-and-read** RN 85,
 MISCUI 13
 : **number-or-nil** variable type MENUS 59
 Number-sign introducing reader macros NOTA 1
 Bit numbering convention NETIO 45
 numberp function PRIM 3, INT 52
 Numbers PRIM 61
 24-bit numbers 3600 32, PRIM 82
 Addition of 24-bit numbers PRIM 82
 Conversion of numbers PRIM 61
 Double-precision arithmetic with 24-bit numbers 3600 32
 Floating point numbers RN 1
 Floating-point numbers RN 48, 49, 3600 15, PRIM 1, 3, 61
 Logical Operations on Numbers PRIM 76
 Multiplication of 24-bit numbers PRIM 82
 Packet Numbers NETIO 44
 Radix numbers NOTA 1

Symbolics, Inc. March 1984

- Random Numbers PRIM 80
- Read function interpretation of numbers PRIM 93
- Subtraction of 24-bit numbers PRIM 82
- Types of numbers PRIM 1
- UNIBUS interrupt vector numbers NETIO 109
- Window into the set of packet numbers NETIO 50
- Numbers in compiled code files COMP 25
- Converting numbers to double-precision floating-point RN 49
- Print old Roman numeral STR 25
- Print roman numeral STR 25
- Roman numeral keys 3600 3
- Quadruple Numeric Arg ZMACS 22
- Numeric argument descriptor FUNC 16, 23
- %%arg-desc-eval-ed-rest** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-fev-bind-hair** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-fev-quote-hair** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-interpreted** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-max-args** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-min-args** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-quoted** numeric argument descriptor field 3600 27
- %%arg-desc-quoted-rest** numeric argument descriptor field 3600 27, FUNC 23
- %%arg-desc-rest-arg** numeric argument descriptor field 3600 27
- Numeric Argument Descriptors 3600 27
- Numeric arguments ZMACS 20, 22, 34, 51
- Numeric Arguments ZMACS 51
- Numeric arguments to Copy File (m-X) RN 124
- Numeric Arguments: New Yank System INED 9
- Numeric arrays PRIM 1
- Numeric Comparisons PRIM 65
- Numeric Functions 3600 32
- Numeric host addresses NETIO 43
- Numeric Predicates PRIM 64
- Numeric Type Change 3600 31
- Numeric Type Conversions PRIM 75
- nunion** function PRIM 35
- NWS WINDOC 1
- nZ Peek command MISCU 3
- Negative
- Change in
- Machine-dependent
- c-X O (Other Window) TOOLS 60
- c-X O command ZMAILT 8, 42
- c-X O connection flag NETIO 77
- c-X O Zmacs command ZMACS 118
- Other Window (c-X O) TOOLS 60
- Obarrays ARR 23
- Object PROT 26
- Character object PRIM 113
- Class object PROT 2
- Error object COND 49
- Host object PROT 2
- Inspecting a compiled code object MISCT 3
- Interactive handler object COND 31
- Message-receiving object FLAV 11, 61
- Messages to **netl:** **object** PROT 29
- Namespace object PROT 2
- Network object PROT 2
- Primary name of object PROT 29
- Printer object PROT 2
- Site object PROT 2
- User object PROT 2
- address:** host object attribute PROT 7
- affiliation:** user object attribute PROT 11
- birthday:** user object attribute PROT 11
- bitmap-printer:** host object attribute HARD 3
- bitmap-printer:** host object attribute PROT 7
- character-size:** printer object attribute PROT 15

| | | | |
|--|-----------|------------------|---------|
| default-bitmap-printer | site | object attribute | HARD 4 |
| default-bitmap-printer: | site | object attribute | PROT 16 |
| default-font: | printer | object attribute | PROT 15 |
| default-printer | site | object attribute | HARD 4 |
| default-printer: | site | object attribute | PROT 16 |
| descriptor-file: | namespace | object attribute | PROT 18 |
| dont-reply-to-mailing-lists: | site | object attribute | PROT 17 |
| dpit-logo: | printer | object attribute | PROT 15 |
| file-control-lifetime: | host | object attribute | PROT 9 |
| finger-location: | host | object attribute | PROT 7 |
| font-widths-file: | printer | object attribute | PROT 15 |
| format: | printer | object attribute | PROT 14 |
| header-font: | printer | object attribute | PROT 15 |
| home-address: | user | object attribute | PROT 11 |
| home-host: | user | object attribute | PROT 10 |
| home-phone: | user | object attribute | PROT 11 |
| host-for-bug-reports: | site | object attribute | PROT 16 |
| host-protocol-desirability: | site | object attribute | PROT 16 |
| host: | printer | object attribute | PROT 14 |
| interface-options: | printer | object attribute | PROT 14 |
| interface: | printer | object attribute | PROT 14 |
| lisp-name: | user | object attribute | PROT 10 |
| local-namespace: | site | object attribute | PROT 16 |
| location: | host | object attribute | PROT 7 |
| login-name: | user | object attribute | PROT 9 |
| machine-type: | host | object attribute | PROT 6 |
| mail-address: | user | object attribute | PROT 11 |
| name: | host | object attribute | PROT 5 |
| name: | network | object attribute | PROT 12 |
| name: | user | object attribute | PROT 9 |
| nickname: | host | object attribute | PROT 5 |
| nickname: | network | object attribute | PROT 12 |
| nickname: | user | object attribute | PROT 10 |
| other-sites-ignored-in-zmail-summary: | site | object attribute | PROT 17 |
| page-size: | printer | object attribute | PROT 15 |
| peripheral: | host | object attribute | PROT 9 |
| personal-name: | user | object attribute | PROT 10 |
| pretty-name: | host | object attribute | PROT 7 |
| pretty-name: | printer | object attribute | PROT 14 |
| pretty-name: | site | object attribute | PROT 15 |
| primary-name-server: | namespace | object attribute | PROT 19 |
| print-spooler-options | host | object attribute | HARD 3 |
| print-spooler-options: | host | object attribute | PROT 8 |
| printer | host | object attribute | HARD 3 |
| printer: | host | object attribute | PROT 7 |
| project: | user | object attribute | PROT 11 |
| protocol: | printer | object attribute | PROT 14 |
| remarks: | user | object attribute | PROT 12 |
| search-rules: | namespace | object attribute | PROT 18 |
| secondary-name-server: | namespace | object attribute | PROT 19 |
| secure-subnets: | site | object attribute | PROT 17 |
| server-machine: | host | object attribute | PROT 8 |
| service: | host | object attribute | PROT 8 |
| short-name: | host | object attribute | PROT 6 |
| site-directory: | site | object attribute | PROT 16 |
| site-system: | site | object attribute | PROT 16 |
| site: | host | object attribute | PROT 5 |
| site: | network | object attribute | PROT 12 |
| site: | printer | object attribute | PROT 13 |
| spooled-printer | host | object attribute | HARD 3 |
| spooled-printer: | host | object attribute | PROT 8 |
| standalone: | site | object attribute | PROT 17 |
| subnet: | network | object attribute | PROT 13 |
| supervisor: | user | object attribute | PROT 11 |
| system-type: | host | object attribute | PROT 6 |
| terminal-f-argument: | site | object attribute | PROT 18 |
| timezone: | site | object attribute | PROT 17 |
| type: | network | object attribute | PROT 12 |

- type:** printer object attribute PROT 13
 - user-property:** object attribute PROT 6, 10, 13, 14, 15, 18
 - validate-lmfs-dump-tapes:** site object attribute PROT 17
 - work-address:** user object attribute PROT 11
 - work-phone:** user object attribute PROT 11
 - Printer Object Attributes HARD 5
 - Storing database object attributes PROT 22
 - Host Object Attributes Relating to Printers HARD 3
 - Site Object Attributes Relating to Printers HARD 4
 - Compiled object code as line item entry SCROLL 6
 - Object comparisons PRIM 6
 - Object Definitions PROT 5
 - Create object file for hosts in namespace PROT 25
 - Object files PROT 21, 22
 - object of some flavor FLAV 27
 - object types FLAV 5
 - Object-oriented programming FLAV 1
 - Objects FLAV 1, 3, TOOLS 32, TAPE 15
 - Objects PROT 30
 - Class Objects PROT 30
 - Compiled code objects COMP 1
 - Condition objects COND 1, 3, 39, 49
 - Creating Objects INT 15
 - Creating condition objects COND 26
 - Database objects SIG 2
 - Facility for Handling Messages to Flavor Objects FLAV 27
 - Functional objects FLAV 11
 - Globally named objects PROT 3
 - Host Objects PROT 5
 - Inspecting objects MISCT 3, WINDEX 76
 - Mapping names to objects PROT 3
 - Messages to Namespace Names and Objects PROT 29
 - Multiple-line objects SCROLL 3
 - Namespace Objects PROT 18
 - Network Objects PROT 12
 - Printer Objects PROT 13
 - Reading and Printing Character Objects RN 19
 - Site Objects PROT 15
 - User Objects PROT 9
 - Zmail objects ZMAILC 3
 - Graphical objects and text intermingled MENUS 81
 - Objects as hash table keys PRIM 42
 - Objects in compiled code files COMP 25
 - Objects in network database PROT 19
 - Objects in the **extra-pdl-area** STOR 6
 - objects of a resource RN 13, STOR 20
 - objects remembered by a resource RN 78, STOR 21
 - objects to network database PROT 19
 - Introduction: Objects, Message Passing, and Flavors FLAV 1
 - Flavor **tv:preemptable-read-any-tyl-mixin** obsolete RN 43
 - Flavors **tv:any-tyl-mixin** and **tv:list-tyl-mixin** obsolete RN 40
 - Flavors **tv:list-mouse-buttons-mixin** and **tv:kbd-mouse-buttons-mixin** obsolete RN 42
 - load-file-list** obsolete RN 39
 - Nonkeyword form of **make-array** is obsolete RN 16
 - :obsolete** system status MAINT 37
 - obsolete-function-warning-switch** variable COMP 10
 - obt-tails** variable 3600 29
 - Obus devices NETIO 106
 - Occur (m-X) Zmail command ZMAILT 53
 - Changes to **format:** **ochar** RN 21
 - format:** **ochar** function RN 21, STR 39
 - Octal PRIM 99
 - Print in octal STR 25
 - Reading octal character codes PRIM 93
 - octal escape for special characters RN 17
 - Octal representation of characters STR 3
 - Testing for odd number PRIM 64

- Turning
 - oddp** function PRIM 64
 - :off** blinker visibility WINDOC 63
 - off Converse notification CONV 4
 - Off-negative implication MENUS 51
 - Off-positive implication MENUS 51
- Set Package (m-X)
 - offers to create a package RN 123
 - Offline option to Tape when done dump
 - parameter SITE 5
- Byte
 - offset PROT 66, 73
- Index
 - offset ARR 7
- format:**
 - ofloat** function STR 39
 - :old** option for **fs:complete-pathname** STR 81, FILE 24
- Compatibility with the
 - Old Package System PKG 57
 - Old PCs (OPC) status information RN 137
- Print
 - old Roman numeral STR 25
 - Old Window System WINDOC 1
 - Oldest Logical Pathname Versions RN 35
 - oldest version specifier RN 35
- New Default Representations for Newest and <
 - :on** blinker visibility WINDOC 63
 - On-negative implication MENUS 51
 - On-positive implication MENUS 51
 - :once** initialization list INIT 5
 - :once** option for **add-initialization** INIT 1
 - once-only** macro MAC 23
- Advising
 - One Function Within Another DEBUG 29
 - One Window ZMACS 118
 - One Window (c-X 1) TOOLS 60
 - One Window Default ZMACS 194
 - (One Window) TOOLS 60
 - One-window reply window mode ZMAILT 35
 - Online documentation ZMAILT 23
 - Online documentation for commands ZMACS 34
 - Online documentation for prefixes ZMACS 35
 - Online Help ZMAILT 23
- c-X 1
 - Only on the 3600 3600 24
 - Only) FILE 68
 - only) RN 95
- Subprimitives Existing
 - Editing the FSPT (LM-2
 - New option for **si:sb-on: :mouse** (3600 only) RN 95
 - Previously undocumented variables: **sys:mouse-x-scale-array** and **sys:mouse-y-scale-array** (LM-2 only) RN 100
- Swapin and Swapout (LM-2
 - Only) INT 33
- The **sys:%count-extra-pdl-ovs** Meter (LM-2
 - Only) INT 34
- UNIBUS Map Management (LM-2
 - Only) NETIO 105
- Drawing pictures
 - onto arrays WINDOC 33
- Writing systems, bands, and microcodes
 - onto tape TAPE 13
- :commas** option for **format:**
 - onum** STR 38
- :signed** option for **format:**
 - onum** STR 38
- format:**
 - onum** function STR 38
- Old PCs
 - (OPC) status information RN 137
- Packet
 - opcode NETIO 44
 - Opcode pkt header field NETIO 89
 - Opcodes PROT 91
- QFILE Packet
 - open** INT 69
- :create** symbol in **:if-does-not-exist** option for
 - open** INT 69, 74
- :direction** option for
 - open** INT 69
- :error** symbol in **:if-does-not-exist** option for
 - open** INT 69
- :error** symbol in **:if-exists** option for
 - open** INT 69
- :error** symbol in **:if-locked** option for
 - open** INT 69
- :estimated-length** option for
 - open** INT 69
- :if-does-not-exist** option for
 - open** RN 25, STR 63, INT 69
- :if-exists** option for
 - open** RN 25, STR 63, INT 69
- :if-locked** option for
 - open** INT 69, 74
- :new-version** symbol in **:if-exists** option for
 - open** INT 69
- :number-of-disk-blocks** option for
 - open** INT 69, 72
- :overwrite** symbol in **:if-exists** option for
 - open** INT 69
- :share** symbol in **:if-locked** option for
 - open** INT 69
- :submit** option to
 - open** STR 60
- :supersede** symbol in **:if-exists** option for
 - open** INT 69
- Changes to
 - open** RN 24

- :pathname** option for **zwei**: **open-editor-stream** MISCUI 20
- :start** option for **zwei**: **open-editor-stream** MISCUI 20
- :window** option for **zwei**: **open-editor-stream** MISCUI 20
- The **zwei**: **open-editor-stream** function MISCUI 20
- zwei**: **open-editor-stream** function MISCUI 20
- chaos**: **open-foreign-connection** function NETIO 85
- Changes to **chaos**: **open-stream** RN 108
- chaos**: **open-stream** function RN 108
- File opened for input RN 24, STR 61
- File opened for output RN 24, STR 61
- OPENF NETIO 80
- OPENF byte size NETIO 81
- opening RN 24, STR 61
- Opening a bidirectional stream MISCUI 19
- Opening a File with QFILE PROT 87
- Opening and Closing NETIO 93
- Opening and Closing Connections NETIO 84
- Opening blinkers WINDOC 63
- Opening Connections NETIO 80
- Opening I/O Channels NETIO 73
- Opening pathname RN 24, STR 61
- [Open] File System Editor menu item FSED 1
- Open] File System Editor menu item FSED 1
- :operands** RN 98
- Operate on Locatives PRIM 85
- operating dump parameter SITE 5
- Operating on a Group of Messages ZMAILC 30
- Operating on a Mail Collection ZMAILC 29
- Operating on a Message in a Collection ZMAILC 29
- Operating on Disk Streams INT 71
- Operating on Messages Referred to by the Current Message ZMAILC 21
- Operating the 3600 NETIO 2
- operation NETIO 88
- :clear-eof** operation STR 25
- :clear-screen** operation STR 60
- :close** operation NETIO 88
- :close** operation NETIO 88
- :eof** operation NETIO 88
- :finish** operation NETIO 88
- :force-output** operation NETIO 88
- :fresh-line** operation STR 25
- :read** operation STR 57
- :tyl** stream operation STR 59
- Complement logical operation PRIM 76
- Shadowing-import operation PKG 7
- Singular matrix operation error COND 55
- Invalid file operation errors COND 69
- Operation packet header field NETIO 44
- Operation Wanted [Reload/Retrieve] parameter SITE 10
- Compare option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- List Tape option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- Reload All option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- Retrieve Single Files option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- Strategy for Unattended Operation with the Garbage Collector STOR 13
- 3600 select-methods handle **:operation-handled-p** and **:send-if-handles** RN 81
- :operation-handled-p** message FLAV 47, STR 10
- :operation-handled-p** method for **si:vanilla-flavor** TOOLS 133
- Basic String Operations ARR 27
- Boolean operations PRIM 76
- Cdr operations INT 52
- File Stream Operations STR 76
- General Purpose Stream Operations STR 9

| | | |
|---|------------------------------------|------------------------------|
| Generic | Operations | FLAV 9, TOOLS 104 |
| Generic pathname | operations | PROT 53 |
| Input | operations | NETIO 25 |
| Label and Partition | Operations | SIG 41 |
| Logical | operations | INT 44, 52 |
| Matrix | operations | ARR 19 |
| Miscellaneous | Operations | NETIO 75 |
| Output | operations | NETIO 25 |
| Primitives for string | operations | 3600 1 |
| Programmer-defined | operations | FLAV 5 |
| Run time of arithmetic | operations | INT 52 |
| Special | Operations | NETIO 81 |
| Special Purpose Stream | Operations | STR 15 |
| Summary of Boot and Halt | Operations | NETIO 3 |
| The :read and :print Stream | Operations | STR 57 |
| Truth table for the Boolean | operations | PRIM 76 |
| Release 5.0: | Operations and Site Management | RN 151 |
| Miscellaneous | Operations Failures | COND 71 |
| Miscellaneous file | operations failures | COND 71 |
| Generic | Operations in Lisp | FLAV 11 |
| Notes on | Operations in Release 5.0 | RN 151 |
| [Active Structure Edit] Maintenance | Operations menu item | SITE 1 |
| [Check Records] Maintenance | Operations menu item | SITE 1 |
| [Close All Files] Maintenance | Operations menu item | SITE 1 |
| [Edit FSPT] Maintenance | Operations menu item | FILE 68 |
| [Expunge All FS] Maintenance | Operations menu item | SITE 1 |
| [Initialize] Maintenance | Operations menu item | SITE 1 |
| The Basic | Operations of the Compiler | COMP 1 |
| Compiling | operations on abstract types | FLAV 5 |
| Logical | Operations on Numbers | PRIM 76 |
| Input | operations on windows | WINDOC 2 |
| Output | operations on windows | WINDOC 2 |
| | Operations the User Can Perform on | Functions FUNC 7 |
| | OPN Open connection packet | NETIO 53 |
| format: | oprint function | STR 39 |
| | Optimization | FLAV 5 |
| 3600 compiler | optimizer | 3600 14 |
| Compiler Source-level | Optimizer feature of the compiler | COMP 19 |
| | Optimizers | COMP 19 |
| | Optimizing disk allocation | RN 25 |
| :activation | option | RN 57, WINDOC 49, STR 49 |
| :byte-size file-opening | option | STR 59 |
| :character file-opening | option | STR 59 |
| :command | option | RN 58, WINDOC 49, STR 49 |
| :direction | option | RN 24 |
| :direction file-opening | option | STR 59 |
| :do-not-echo | option | RN 22, WINDOC 49, STR 48 |
| :documentation menu item | option | MENUS 11, 24 |
| :error file-opening | option | STR 59 |
| :estimated-length | option | RN 25 |
| :font menu item | option | MENUS 11, 24 |
| :full-rubout | option | WINDOC 48, STR 47 |
| :function init-plist | option | MENUS 61 |
| :if-does-not-exist | option | RN 26 |
| :if-exists | option | RN 25 |
| :initial-input | option | WINDOC 49, STR 48 |
| :io-buffer init | option | WINDOC 41 |
| :item-type-alist init-plist | option | MENUS 82 |
| :keyboard-process | option | WINDOC 52 |
| :latest symbol in make-system | option | MAINT 13 |
| :mixture | option | RN 54 |
| :newest symbol in make-system | option | MAINT 13 |
| :no-input-save | option | RN 57, WINDOC 49, STR 49 |
| :pass-through | option | RN 22, WINDOC 48, STR 47 |
| :permit deexposed typeout | option | WINDOC 13 |
| :preemptable | option | RN 43, 58, WINDOC 50, STR 49 |
| :preserve-dates file-opening | option | STR 59 |

| | |
|---|---|
| :proceed-types init | option COND 39 |
| :prompt | option RN 23, WINDOC 48, STR 48 |
| :released symbol in make-system | option MAINT 13 |
| :version | option RN 23, WINDOC 48, STR 48 |
| :reprompt | option RN 54 |
| :required-init-keywords | option MENUS 73 |
| :stack-group init | option WINDOC 52 |
| :typeahead | option PROT 98 |
| BINARY QFILE OPEN | option PROT 99 |
| BYTE-SIZE QFILE OPEN | option PROT 98 |
| CHARACTER QFILE OPEN | option NETIO 106 |
| Color | option PROT 99 |
| DEFAULT QFILE OPEN | option PROT 120 |
| DELETED QFILE DIRECTORY | option PROT 100 |
| DELETED QFILE OPEN | option PROT 120 |
| DIRECTORIES-ONLY QFILE DIRECTORY | option PROT 102 |
| ESTIMATED-LENGTH QFILE OPEN | option PROT 120 |
| FAST QFILE DIRECTORY | option PROT 104 |
| IF-DOES-NOT-EXIST QFILE OPEN | option PROT 102 |
| IF-EXISTS QFILE OPEN | option PROT 101 |
| INHIBIT-LINKS QFILE OPEN | option PROT 120 |
| NO-EXTRA-INTO QFILE DIRECTORY | option PROT 101 |
| PRESERVE-DATES QFILE OPEN | option PROT 98 |
| PROBE QFILE OPEN | option PROT 101 |
| PROBE-DIRECTORY QFILE OPEN | option PROT 100 |
| RAW QFILE OPEN | option PROT 97 |
| READ QFILE OPEN | option PROT 102 |
| SUBMIT QFILE OPEN | option RN 129 |
| summary-window-format Babyl file | option PROT 100 |
| SUPER QFILE OPEN | option PROT 101 |
| TEMPORARY QFILE OPEN | option PROT 101 |
| tv:margin-choice-mixin Init-plist | Option MENUS 92 |
| tv:momentary-menu Example 2: Item List as Init-plist | Option MENUS 24 |
| WRITE QFILE OPEN | option PROT 98 |
| :input value of open | option :direction RN 24, STR 61 |
| :output value of open | option :direction RN 24, STR 61 |
| :probe value of open | option :direction RN 24, STR 61 |
| :probe-directory value of open | option :direction RN 24, STR 61 |
| :probe-link value of open | option :direction RN 24, STR 61 |
| Changes to open | option :direction RN 24 |
| :create value of open | option :if-does-not-exist RN 25, STR 63 |
| :error value of open | option :if-does-not-exist RN 25, STR 63 |
| nil value of open | option :if-does-not-exist RN 25, STR 63 |
| The User | Option Facility MENUS 66 |
| User | option facility MENUS 2 |
| :append value of open | option for :if-exists RN 25, STR 63 |
| :error value of open | option for :if-exists RN 25, STR 63 |
| :new-version value of open | option for :if-exists RN 25, STR 63 |
| :overwrite value of open | option for :if-exists RN 25, STR 63 |
| :rename value of open | option for :if-exists RN 25, STR 63 |
| :rename-and-delete value of open | option for :if-exists RN 25, STR 63 |
| :supersede value of open | option for :if-exists RN 25, STR 63 |
| :truncate value of open | option for :if-exists RN 25, STR 63 |
| always | option for :reset PROC 18 |
| :activation | option for :rubout-handler message WINDOC 47, STR 46 |
| :command | option for :rubout-handler message WINDOC 47, STR 46 |
| :do-not-echo | option for :rubout-handler message WINDOC 47, STR 46 |
| :full-rubout | option for :rubout-handler message WINDOC 47, STR 46 |
| :initial-input | option for :rubout-handler message WINDOC 47, STR 46 |
| :no-input-save | option for :rubout-handler message WINDOC 47, STR 46 |
| :pass-through | option for :rubout-handler message WINDOC 47, STR 46 |

| | | |
|---|---|-------------------------------|
| :preemptable | option for :rubout-handler message | WINDOC 47, STR 46 |
| :prompt | option for :rubout-handler message | WINDOC 47, STR 46 |
| :reprompt | option for :rubout-handler message | WINDOC 47, STR 46 |
| :before-cold | option for add-initialization | INIT 1 |
| :cold | option for add-initialization | INIT 1 |
| :disable-services | option for add-initialization | INIT 1 |
| :enable-services | option for add-initialization | INIT 1 |
| :first | option for add-initialization | INIT 1 |
| :full-gc | option for add-initialization | STOR 8 |
| :login | option for add-initialization | INIT 1 |
| :logout | option for add-initialization | INIT 1 |
| :normal | option for add-initialization | INIT 1 |
| :now | option for add-initialization | INIT 1 |
| :once | option for add-initialization | INIT 1 |
| :redo | option for add-initialization | INIT 1 |
| :system | option for add-initialization | INIT 1 |
| :warm | option for add-initialization | INIT 1 |
| :proceed-types | init option for condition | COND 50 |
| :byte-size | option for copyf | RN 28, STR 68 |
| :characters | option for copyf | RN 28, STR 68 |
| :create-directories | option for copyf | RN 28, STR 68 |
| :report-stream | option for copyf | RN 28, STR 68 |
| :accessor-prefix | option for defflavor | FLAV 35 |
| :default-handler | option for defflavor | FLAV 35, 40 |
| :default-init-plist | option for defflavor | FLAV 35 |
| :documentation | option for defflavor | FLAV 35 |
| :gettable-instance-variables | option for defflavor | FLAV 13, 35, 57, COND 7 |
| :included-flavors | option for defflavor | FLAV 35 |
| :init-keywords | option for defflavor | FLAV 35 |
| :initable-instance-variables | option for defflavor | FLAV 13, 35, COND 7 |
| :method-combination | option for defflavor | FLAV 35, 49 |
| :method-order | option for defflavor | FLAV 35 |
| :mixture | option for defflavor | RN 54, FLAV 38 |
| :no-vanilla-flavor | option for defflavor | FLAV 35 |
| :ordered-instance-variables | option for defflavor | FLAV 35 |
| :outside-accessible-instance-variables | option for defflavor | FLAV 35 |
| :required-flavors | option for defflavor | FLAV 35 |
| :required-init-keywords | option for defflavor | RN 54, FLAV 36 |
| :required-instance-variables | option for defflavor | FLAV 35 |
| :required-methods | option for defflavor | FLAV 35 |
| :select-method-order | option for defflavor | FLAV 35 |
| :settable-instance-variables | option for defflavor | FLAV 13, 35, 57 |
| | New option for defflavor | :mixture RN 54 |
| | New option for defflavor | :required-init-keywords RN 53 |
| :colon-mode | option for defpackage | PKG 19, 33 |
| :export | option for defpackage | PKG 7, 33 |
| :external-only | option for defpackage | PKG 33 |
| :hash-inherited-symbols | option for defpackage | PKG 33 |
| :import | option for defpackage | PKG 7, 33 |
| :import-from | option for defpackage | PKG 7, 33 |
| :include | option for defpackage | PKG 33 |
| :new-symbol-function | option for defpackage | PKG 33 |
| :nicknames | option for defpackage | PKG 33 |
| :prefix-intern-function | option for defpackage | PKG 33 |
| :prefix-name | option for defpackage | PKG 33 |
| :relative-names | option for defpackage | PKG 16, 33 |
| :relative-names-for-me | option for defpackage | PKG 16, 33 |
| :shadow | option for defpackage | PKG 8, 33 |
| :shadow-import | option for defpackage | PKG 33 |
| :shadowing-import | option for defpackage | PKG 7, 8 |
| :size | option for defpackage | PKG 33 |
| :use | option for defpackage | PKG 4, 33 |
| :checker | option for defresource | STOR 18 |
| :constructor | option for defresource | WINDEX 58, STOR 18 |
| :finder | option for defresource | STOR 18 |

- :free-list-size** option for **defresource** STOR 18
- :initial-copies** option for **defresource** WINDEX 58, STOR 18
- :initializer** option for **defresource** STOR 18
- :make-window** option for **defresource** WINDEX 58
- :matcher** option for **defresource** STOR 18
- :reusable-when** option for **defresource** WINDEX 58
- :alterant** option for **defstruct** DEFS 7
- :but-first** option for **defstruct** DEFS 7
- :callable-accessors** option for **defstruct** DEFS 7
- :conc-name** option for **defstruct** DEFS 7
- :constructor** option for **defstruct** DEFS 7, 16
- :copier** option for **defstruct** DEFS 13
- :default-pointer** option for **defstruct** DEFS 7
- :displace** option for **defstruct** DEFS 7
- :eval-when** option for **defstruct** DEFS 7
- :include** option for **defstruct** DEFS 7
- :initial-offset** option for **defstruct** DEFS 7
- :make-array** option for **defstruct** DEFS 7
- :named** option for **defstruct** DEFS 7
- :predicate** option for **defstruct** DEFS 13
- :print** option for **defstruct** DEFS 13
- :property** option for **defstruct** DEFS 7, 27
- :size-macro** option for **defstruct** DEFS 7
- :size-symbol** option for **defstruct** DEFS 7
- :times** option for **defstruct** DEFS 7
- :type** option for **defstruct** DEFS 7
- :cons** option for **defstruct-define-type** DEFS 29, 30
- :copier** option for **defstruct-define-type** DEFS 33
- :defstruct** option for **defstruct-define-type** DEFS 30
- :keywords** option for **defstruct-define-type** DEFS 30
- :named** option for **defstruct-define-type** DEFS 30
- :overhead** option for **defstruct-define-type** DEFS 30
- :predicate** option for **defstruct-define-type** DEFS 32
- :ref** option for **defstruct-define-type** DEFS 29, 30
- :bug-reports** option for **defsystem** MAINT 3, ZMAILT 33
- :component-systems** option for **defsystem** MAINT 3
- :initial-status** option for **defsystem** MAINT 3
- :maintaining-sites** option for **defsystem** MAINT 3
- :module** option for **defsystem** MAINT 3
- :name** option for **defsystem** MAINT 3
- :not-in-disk-label** option for **defsystem** MAINT 3
- :package** option for **defsystem** MAINT 3
- :patchable** option for **defsystem** MAINT 3, 27, 30
- :pathname-default** option for **defsystem** MAINT 3
- :short-name** option for **defsystem** MAINT 3
- init-plist Option for Dynamic Menus MENU 37
- :commas** option for **format:onum** STR 38
- :signed** option for **format:onum** STR 38
- :terpri** option for **format:tab** STR 40
- :unit** option for **format:tab** STR 40
- :minpad** option for formatting functions STR 37
- :padchar** option for formatting functions STR 37
- :tab-period** option for formatting functions STR 37
- :beep** option for **fquery** MISCUI 10
- :choices** option for **fquery** MISCUI 10
- :clear-input** option for **fquery** MISCUI 10
- :condition** option for **fquery** MISCUI 10
- :fresh-line** option for **fquery** MISCUI 10
- :help-function** option for **fquery** MISCUI 10
- :list-choices** option for **fquery** MISCUI 10
- :make-complete** option for **fquery** MISCUI 10
- :select** option for **fquery** MISCUI 10
- :signal-condition** option for **fquery** MISCUI 10
- :stream** option for **fquery** MISCUI 10
- :type** option for **fquery** MISCUI 10
- :deleted** option for **fs:complete-pathname** STR 81, FILE 24
- :in** option for **fs:complete-pathname** STR 81, FILE 24
- :new-ok** option for **fs:complete-pathname** STR 81, FILE 24

| | | |
|-------------------------------------|--|--------------------|
| :old | option for fs:complete-pathname | STR 81, FILE 24 |
| :out | option for fs:complete-pathname | STR 81, FILE 24 |
| :print | option for fs:complete-pathname | STR 81, FILE 24 |
| :read | option for fs:complete-pathname | STR 81, FILE 24 |
| :write | option for fs:complete-pathname | STR 81, FILE 24 |
| :deleted | option for fs:directory-list | STR 79 |
| :noerror | option for fs:directory-list | STR 79 |
| :noselective | option for load-patches | MAINT 33 |
| :nowarn | option for load-patches | MAINT 33 |
| :selective | option for load-patches | MAINT 33 |
| :silent | option for load-patches | MAINT 33 |
| :systems | option for load-patches | MAINT 33 |
| :verbose | option for load-patches | MAINT 33 |
| :gc | option for make-area | 3600 29, STOR 2, 5 |
| :name | option for make-area | 3600 29, STOR 2 |
| :pdl | option for make-area | 3600 29, STOR 2 |
| :read-only | option for make-area | 3600 29, STOR 2 |
| :region-size | option for make-area | 3600 29, STOR 2 |
| :representation | option for make-area | 3600 29, STOR 2 |
| :room | option for make-area | 3600 29, STOR 2 |
| :size | option for make-area | 3600 29, STOR 2 |
| :swap-recommendations | option for make-area | 3600 29 |
| sys:%%region-map-bits | option for make-area | STOR 2 |
| sys:%%region-map-bits | option for make-area | 3600 29 |
| sys:%%region-scavenge-enable | option for make-area | STOR 2 |
| sys:%%region-space-type | option for make-area | STOR 2 |
| :area | option for make-array | ARR 7, INT 57 |
| :displaced-conformally | option for make-array | RN 78 |
| :displaced-index-offset | option for make-array | ARR 4, 7 |
| :displaced-to | option for make-array | ARR 4, 7 |
| :initial-value | option for make-array | INT 57 |
| :leader-length | option for make-array | ARR 7 |
| :leader-list | option for make-array | ARR 7 |
| :named-structure-symbol | option for make-array | ARR 7 |
| :type | option for make-array | ARR 7, INT 57 |
| :area | option for make-list | PRIM 12 |
| :initial-value | option for make-list | PRIM 12 |
| :colon-mode | option for make-package | PKG 19, 35 |
| :export | option for make-package | PKG 7, 35 |
| :external-only | option for make-package | PKG 35 |
| :hash-inherited-symbols | option for make-package | PKG 35 |
| :import | option for make-package | PKG 7, 35 |
| :import-from | option for make-package | PKG 7, 35 |
| :include | option for make-package | PKG 35 |
| :invisible | option for make-package | PKG 35 |
| :new-symbol-function | option for make-package | PKG 35 |
| :nicknames | option for make-package | PKG 35 |
| :prefix-intern-function | option for make-package | PKG 35 |
| :prefix-name | option for make-package | PKG 35 |
| :relative-names | option for make-package | PKG 16, 35 |
| :relative-names-for-me | option for make-package | PKG 16, 35 |
| :shadow | option for make-package | PKG 8, 35 |
| :shadowing-import | option for make-package | PKG 7, 8, 35 |
| :size | option for make-package | PKG 35 |
| :use | option for make-package | PKG 4, 35 |
| :arrest-reasons | option for make-process | PROC 11 |
| :flavor | option for make-process | PROC 11 |
| :priority | option for make-process | PROC 11 |
| :quantum | option for make-process | PROC 11 |
| :regular-pdl-size | option for make-process | PROC 11 |
| :regular-pdl-area | option for make-process | PROC 11 |
| :run-reasons | option for make-process | PROC 11 |
| :sg-area | option for make-process | PROC 11 |
| :simple-p | option for make-process | PROC 11 |
| :special-pdl-area | option for make-process | PROC 11 |
| :special-pdl-size | option for make-process | PROC 11 |
| :stack-group | option for make-process | PROC 11 |
| :swap-sv-of-sg-that-calls-me | option for make-process | PROC 11 |

| | | |
|---|--|-----------------------|
| :swap-sv-on-call-out | option for make-process | PROC 11 |
| :trap-enable | option for make-process | PROC 11 |
| :warm-boot-action | option for make-process | PROC 11 |
| :allow-unknown-keywords | option for make-stack-group | 3600 29 |
| :regular-pdl-area | option for make-stack-group | 3600 29, INT 5 |
| :regular-pdl-size | option for make-stack-group | 3600 29, INT 5 |
| :safe | option for make-stack-group | 3600 29, INT 5 |
| :sg-area | option for make-stack-group | 3600 29, INT 5 |
| :special-pdl-area | option for make-stack-group | 3600 29, INT 5 |
| :special-pdl-size | option for make-stack-group | 3600 29, INT 5 |
| :swap-sv-of-sg-that-calls-me | option for make-stack-group | INT 5 |
| :swap-sv-on-call-out | option for make-stack-group | INT 5 |
| :trap-enable | option for make-stack-group | INT 5 |
| :batch | option for make-system | MAINT 13 |
| :compile | option for make-system | MAINT 13 |
| :increment-patch | option for make-system | MAINT 13 |
| :no-increment-patch | option for make-system | 3600 30, MAINT 13 |
| :noconfirm | option for make-system | MAINT 13 |
| :noload | option for make-system | MAINT 13 |
| :noop | option for make-system | MAINT 13 |
| :nowarn | option for make-system | MAINT 13 |
| :print-only | option for make-system | MAINT 13 |
| :recompile | option for make-system | MAINT 13 |
| :reload | option for make-system | MAINT 13 |
| :selective | option for make-system | MAINT 13 |
| :silent | option for make-system | MAINT 13 |
| :update-directory | option for make-system | MAINT 13 |
| :version | option for make-system | MAINT 13 |
| :desirability | option for net:define-protocol | PROT 48 |
| :invoke | option for net:define-protocol | PROT 48 |
| :invoke-with-stream | option for net:define-protocol | PROT 48 |
| :invoke-with-stream-and-close | option for net:define-protocol | PROT 48 |
| :property | option for net:define-protocol | PROT 48 |
| :accept-p stream | option for net:define-server | PROT 50 |
| :ascii-translation stream | option for net:define-server | PROT 50 |
| :conn | option for net:define-server | PROT 50 |
| :direction stream | option for net:define-server | PROT 50 |
| :host | option for net:define-server | PROT 50 |
| :medium | option for net:define-server | PROT 50 |
| :network | option for net:define-server | PROT 50 |
| :no-eof | option for net:define-server | PROT 50 |
| :reject-unless-secure | option for net:define-server | PROT 50 |
| :request-array | option for net:define-server | PROT 50 |
| :response-array | option for net:define-server | PROT 50 |
| :secure-p | option for net:define-server | PROT 50 |
| :stream | option for net:define-server | PROT 50 |
| :who-line | option for net:define-server | PROT 50 |
| :create symbol in :if-does-not-exist | option for open | INT 69 |
| :direction | option for open | INT 69, 74 |
| :error symbol in :if-does-not-exist | option for open | INT 69 |
| :error symbol in :if-exists | option for open | INT 69 |
| :error symbol in :if-locked | option for open | INT 69 |
| :estimated-length | option for open | INT 69 |
| :if-does-not-exist | option for open | RN 25, STR 63, INT 69 |
| :if-exists | option for open | RN 25, STR 63, INT 69 |
| :if-locked | option for open | INT 69, 74 |
| :new-version symbol in :if-exists | option for open | INT 69 |
| :number-of-disk-blocks | option for open | INT 69, 72 |
| :overwrite symbol in :if-exists | option for open | INT 69 |
| :share symbol in :if-locked | option for open | INT 69 |
| :supersede symbol in :if-exists | option for open | INT 69 |
| nil symbol in :if-does-not-exist | option for open | INT 69 |
| nil symbol in :if-exists | option for open | INT 69 |
| :as-if-band | option for print-herald | RN 39 |
| :verbose | option for print-herald | RN 39 |
| :name | option for process-run-function | PROC 25 |
| :priority | option for process-run-function | PROC 25 |
| :quantum | option for process-run-function | PROC 25 |

| | |
|-----------------------------------|--|
| :restart-after-boot | option for process-run-function PROC 25 |
| :restart-after-reset | option for process-run-function PROC 25 |
| :warm-boot-action | option for process-run-function PROC 25 |
| :name | option for process-run-restartable-function PROC 25 |
| :priority | option for process-run-restartable-function PROC 25 |
| :quantum | option for process-run-restartable-function PROC 25 |
| :restart-after-boot | option for process-run-restartable-function PROC 25 |
| :restart-after-reset | option for process-run-restartable-function PROC 25 |
| :warm-boot-action | option for process-run-restartable-function PROC 25 |
| :character | option for prompt-and-read RN 85, MISCUI 13 |
| :date | option for prompt-and-read RN 85, MISCUI 13 |
| :date-or-never | option for prompt-and-read RN 85, MISCUI 13 |
| :decimal-number | option for prompt-and-read RN 85, MISCUI 13 |
| :decimal-number-or-nil | option for prompt-and-read RN 85, MISCUI 13 |
| :delimited-string | option for prompt-and-read RN 85, MISCUI 13 |
| :delimited-string-or-nil | option for prompt-and-read RN 85, MISCUI 13 |
| :delimiter | option for prompt-and-read RN 85, MISCUI 13 |
| :eval-form | option for prompt-and-read RN 85, MISCUI 13 |
| :eval-form-or-end | option for prompt-and-read RN 85, MISCUI 13 |
| :expression | option for prompt-and-read RN 85, MISCUI 13 |
| :expression-or-end | option for prompt-and-read RN 85, MISCUI 13 |
| :font-list | option for prompt-and-read RN 85, MISCUI 13 |
| :host | option for prompt-and-read RN 85, MISCUI 13 |
| :host-list | option for prompt-and-read RN 85, MISCUI 13 |
| :keyword-list | option for prompt-and-read RN 85, MISCUI 13 |
| :number | option for prompt-and-read RN 85, MISCUI 13 |
| :number-or-nil | option for prompt-and-read RN 85, MISCUI 13 |
| :past-date | option for prompt-and-read RN 85, MISCUI 13 |
| :past-date-or-never | option for prompt-and-read RN 85, MISCUI 13 |
| :pathname | option for prompt-and-read RN 85, MISCUI 13 |
| :pathname-host | option for prompt-and-read RN 85, MISCUI 13 |
| :pathname-list | option for prompt-and-read RN 85, MISCUI 13 |
| :pathname-or-nil | option for prompt-and-read RN 85, MISCUI 13 |
| :string | option for prompt-and-read RN 85, MISCUI 13 |
| :string-list | option for prompt-and-read RN 85, MISCUI 13 |
| :string-or-nil | option for prompt-and-read RN 85, MISCUI 13 |
| :string-trim | option for prompt-and-read RN 85, MISCUI 13 |
| :time-interval-or-never | option for prompt-and-read RN 85, MISCUI 13 |
| :host | option for server PROT 81 |
| :trusted-p | option for server PROT 81 |
| :area init | option for si:eq-hash-table PRIM 43 |
| :growth-factor init | option for si:eq-hash-table PRIM 43 |
| :rehash-before-cold init | option for si:eq-hash-table PRIM 43 |
| :size init | option for si:eq-hash-table PRIM 43 |
| :rehash-threshold init | option for si:equal-hash-table PRIM 44 |
| :force-output | option for si:make-serial-stream NETIO 25 |
| :property-list init | option for si:property-list-mixin FLAV 66 |
| :chaos | option for si:sb-on RN 95, PROC 6 |
| :clock | option for si:sb-on RN 95, PROC 6 |
| :disk | option for si:sb-on RN 95, PROC 6 |
| :keyboard | option for si:sb-on RN 95, PROC 6 |
| :mouse | option for si:sb-on RN 95, PROC 6 |
| :unibus | option for si:sb-on RN 95, PROC 6 |
| New | option for si:sb-on: :mouse (3600 only) RN 95 |
| :function init | option for tv:basic-choose-variable-values MENUS 74 |
| :name-font init | option for tv:basic-choose-variable-values MENUS 74 |
| :selected-choice-font init | option for tv:basic-choose-variable-values MENUS 74 |
| :stack-group init | option for tv:basic-choose-variable-values MENUS 74 |

| | |
|-------------------------------------|---|
| :string-font init | option for tv:basic-choose-variable-values MENU 74 |
| :unselected-choice-font init | option for tv:basic-choose-variable-values MENU 74 |
| :value-font init | option for tv:basic-choose-variable-values MENU 74 |
| :variables init | option for tv:basic-choose-variable-values MENU 74 |
| :configuration init | option for tv:basic-constraint-frame WINDOC 100 |
| :constraints init | option for tv:basic-constraint-frame WINDOC 90, 93 |
| :panes init | option for tv:basic-constraint-frame WINDOC 90, 93 |
| :selected-pane init | option for tv:basic-constraint-frame WINDEX 76 |
| :item-type-alist init | option for tv:basic-mouse-sensitive-items WINDEX 6, 8, MENU 85 |
| :deselected-visibility init | option for tv:blinker WINDOC 65 |
| :follow-p init | option for tv:blinker WINDOC 65 |
| :half-period init | option for tv:blinker WINDOC 66 |
| :visibility init | option for tv:blinker WINDOC 65 |
| :x-pos init | option for tv:blinker WINDOC 65 |
| :y-pos init | option for tv:blinker WINDOC 65 |
| :border-margin-width init | option for tv:borders-mixin WINDOC 85 |
| :borders init | option for tv:borders-mixin WINDOC 83 |
| :char init | option for tv:character-blinker WINDOC 67 |
| :font init | option for tv:character-blinker WINDOC 67 |
| :extra-width init | option for tv:choose-variable-values MENU 62 |
| :function init | option for tv:choose-variable-values MENU 62 |
| :label init | option for tv:choose-variable-values MENU 62 |
| :margin-choices init | option for tv:choose-variable-values MENU 63 |
| :near-mode init | option for tv:choose-variable-values MENU 62 |
| :superior init | option for tv:choose-variable-values MENU 63 |
| :width init | option for tv:choose-variable-values MENU 62 |
| :io-buffer init | option for tv:choose-variable-values-window MENU 75 |
| :margin-choices init | option for tv:choose-variable-values-window MENU 74 |
| :io-buffer init | option for tv:command-menu MENU 31 |
| :io-buffer init | option for tv:constraint-frame-with-shared-io-buffer WINDOC 90 |
| :item-list-pointer init | option for tv:dynamic-...menu MENU 37 |
| :column-spec-list init | option for tv:dynamic-multicolumn-mixin MENU 37 |
| :create | option for tv:edit-namespace-object PROT 19 |
| :locally | option for tv:edit-namespace-object PROT 19 |
| :new | option for tv:edit-namespace-object PROT 19 |
| :property-list | option for tv:edit-namespace-object PROT 19 |
| :wait | option for tv:edit-namespace-object PROT 19 |
| :activate-p init | option for tv:essential-window WINDOC 23 |
| :edges-from init | option for tv:essential-window WINDOC 79 |
| :expose-p init | option for tv:essential-window WINDOC 23 |
| :minimum-height init | option for tv:essential-window WINDOC 79 |
| :minimum-width init | option for tv:essential-window WINDOC 79 |
| :timeout-window init | option for tv:essential-window-with-timeout-mixin WINDEX 77 |
| :hysteresis init | option for tv:hysteretic-window-mixin WINDOC 73 |
| :height init | option for tv:ibeam-blinker WINDOC 67 |
| :label init | option for tv:label-mixin WINDOC 85 |
| :margin-choices init | option for tv:margin-choice-mixin MENU 92 |
| :space init | option for tv:margin-space-mixin RN 75 |
| :activate-p init | option for tv:menu MENU 97 |
| :borders init | option for tv:menu MENU 22, 97 |
| :bottom init | option for tv:menu MENU 97 |
| :character-height init | option for tv:menu MENU 97 |

| | | | |
|---|------|--|---------------|
| :character-width | init | option for tv:menu | MENUS 97 |
| :columns | init | option for tv:menu | MENUS 14, 98 |
| :default-font | init | option for tv:menu | MENUS 22, 98 |
| :edges | init | option for tv:menu | MENUS 98 |
| :edges-from | init | option for tv:menu | MENUS 98 |
| :expose-p | init | option for tv:menu | MENUS 98 |
| :fill-p | init | option for tv:menu | MENUS 14, 98 |
| :font-map | init | option for tv:menu | MENUS 22, 98 |
| :geometry | init | option for tv:menu | MENUS 14, 98 |
| :height | init | option for tv:menu | MENUS 98 |
| :inside-height | init | option for tv:menu | MENUS 98 |
| :inside-size | init | option for tv:menu | MENUS 99 |
| :inside-width | init | option for tv:menu | MENUS 99 |
| :item-list | init | option for tv:menu | MENUS 22, 99 |
| :label | init | option for tv:menu | MENUS 22, 99 |
| :left | init | option for tv:menu | MENUS 99 |
| :minimum-height | init | option for tv:menu | MENUS 99 |
| :minimum-width | init | option for tv:menu | MENUS 99 |
| :name | init | option for tv:menu | MENUS 99 |
| :position | init | option for tv:menu | MENUS 99 |
| :reverse-video-p | init | option for tv:menu | MENUS 99 |
| :right | init | option for tv:menu | MENUS 99 |
| :rows | init | option for tv:menu | MENUS 14, 100 |
| :screen | init | option for tv:menu | MENUS 100 |
| :top | init | option for tv:menu | MENUS 100 |
| :vsp | init | option for tv:menu | MENUS 22, 100 |
| :width | init | option for tv:menu | MENUS 100 |
| :x | init | option for tv:menu | MENUS 100 |
| :y | init | option for tv:menu | MENUS 100 |
| :highlighted-items | init | option for tv:menu-highlighting-mixin | MENUS 42 |
| :special-choices | init | option for tv:multiple-menu-mixin | MENUS 42 |
| :process | init | option for tv:process-mixin | WINDEX 7, 8 |
| :width | init | option for tv:rectangular-blinker | WINDOC 66 |
| :type-alist | init | option for tv:scroll-mouse-mixin | SCROLL 9 |
| :backspace-not-overprinting-flag | init | option for tv:sheet | WINDOC 23, 31 |
| :bottom | init | option for tv:sheet | WINDOC 78 |
| :character-height | init | option for tv:sheet | WINDOC 79 |
| :character-width | init | option for tv:sheet | WINDOC 78 |
| :cr-not-newline-flag | init | option for tv:sheet | WINDOC 23, 32 |
| :deexposed-typein-action | init | option for tv:sheet | WINDOC 31 |
| :deexposed-typeout-action | init | option for tv:sheet | WINDOC 31 |
| :edges | init | option for tv:sheet | WINDOC 78 |
| :font-map | init | option for tv:sheet | WINDOC 56 |
| :height | init | option for tv:sheet | WINDOC 78 |
| :inside-height | init | option for tv:sheet | WINDOC 78 |
| :inside-size | init | option for tv:sheet | WINDOC 78 |
| :inside-width | init | option for tv:sheet | WINDOC 78 |
| :integral-p | init | option for tv:sheet | WINDOC 79 |
| :left | init | option for tv:sheet | WINDOC 77 |
| :more-p | init | option for tv:sheet | WINDOC 30 |
| :name | init | option for tv:sheet | WINDOC 85 |
| :position | init | option for tv:sheet | WINDOC 78 |
| :right | init | option for tv:sheet | WINDOC 78 |
| :right-margin-character-flag | init | option for tv:sheet | WINDOC 31 |
| :size | init | option for tv:sheet | WINDOC 78 |
| :tab-nchars | init | option for tv:sheet | WINDOC 23, 32 |
| :top | init | option for tv:sheet | WINDOC 78 |
| :vsp | init | option for tv:sheet | WINDOC 31 |
| :width | init | option for tv:sheet | WINDOC 78 |
| :x | init | option for tv:sheet | WINDOC 78 |
| :y | init | option for tv:sheet | WINDOC 78 |
| :asynchronous-characters | init | option for tv:stream-mixin | WINDOC 54 |
| :verify | | option for window size and position messages | WINDOC 77 |
| nil | | option for window size and position messages | WINDOC 77 |
| :ascii | | option for with-open-file | STR 59 |
| :block | | option for with-open-file | STR 59 |

| | | |
|---|---|---------------|
| :byte-size | option for with-open-file | STR 59 |
| :deleted | option for with-open-file | STR 59 |
| :direction | option for with-open-file | STR 59 |
| :fixnum | option for with-open-file | STR 59 |
| :in | option for with-open-file | STR 59 |
| :noerror | option for with-open-file | STR 59 |
| :out | option for with-open-file | STR 59 |
| :print | option for with-open-file | STR 59 |
| :probe | option for with-open-file | STR 59 |
| :raw | option for with-open-file | STR 59 |
| :read | option for with-open-file | STR 59 |
| :single | option for with-open-file | STR 59 |
| :super-image | option for with-open-file | STR 59 |
| :temporary | option for with-open-file | STR 59 |
| :write | option for with-open-file | STR 59 |
| :buffer-name | option for zwei:open-editor-stream | MISCUI 20 |
| :create-p | option for zwei:open-editor-stream | MISCUI 20 |
| :default | option for zwei:open-editor-stream | MISCUI 20 |
| :end | option for zwei:open-editor-stream | MISCUI 20 |
| :hack-fonts | option for zwei:open-editor-stream | MISCUI 20 |
| :interval | option for zwei:open-editor-stream | MISCUI 20 |
| :kill | option for zwei:open-editor-stream | MISCUI 20 |
| :load-p | option for zwei:open-editor-stream | MISCUI 20 |
| :ordered-p | option for zwei:open-editor-stream | MISCUI 20 |
| :pathname | option for zwei:open-editor-stream | MISCUI 20 |
| :start | option for zwei:open-editor-stream | MISCUI 20 |
| :window | option for zwei:open-editor-stream | MISCUI 20 |
| :buffer-name | option for zwei:with-editor-stream | MISCUI 20 |
| :create-p | option for zwei:with-editor-stream | MISCUI 20 |
| :defaults | option for zwei:with-editor-stream | MISCUI 20 |
| :end | option for zwei:with-editor-stream | MISCUI 20 |
| :hack-fonts | option for zwei:with-editor-stream | MISCUI 20 |
| :interval | option for zwei:with-editor-stream | MISCUI 20 |
| :kill | option for zwei:with-editor-stream | MISCUI 20 |
| :load-p | option for zwei:with-editor-stream | MISCUI 20 |
| :ordered-p | option for zwei:with-editor-stream | MISCUI 20 |
| :pathname | option for zwei:with-editor-stream | MISCUI 20 |
| :start | option for zwei:with-editor-stream | MISCUI 20 |
| :window | option for zwei:with-editor-stream | MISCUI 20 |
| :hardcopy-devices | option in the site file | HARD 1, 7 |
| | Option settings | ZMAILC 7 |
| :combination symbol in :documentation | option to defflavor | FLAV 35 |
| :default-init-plist | option to defflavor | TOOLS 108 |
| :documentation | option to defflavor | TOOLS 131 |
| :essential-mixin symbol in :documentation | option to defflavor | FLAV 35 |
| :gettable-instance-variables | option to defflavor | TOOLS 105 |
| :lowlevel-mixin symbol in :documentation | option to defflavor | FLAV 35 |
| :mixin symbol in :documentation | option to defflavor | FLAV 35 |
| :required-flavors | option to defflavor | TOOLS 108 |
| :required-methods | option to defflavor | TOOLS 105 |
| :special-purpose symbol in :documentation | option to defflavor | FLAV 35 |
| :array symbol in :type | option to defstruct | DEFS 7 |
| :array-leader symbol in :type | option to defstruct | DEFS 7 |
| :fixnum symbol in :type | option to defstruct | DEFS 7 |
| :fixnum-array symbol in :type | option to defstruct | DEFS 7 |
| :flonum-array symbol in :type | option to defstruct | DEFS 7 |
| :grouped-array symbol in :type | option to defstruct | DEFS 7 |
| :list symbol in :type | option to defstruct | DEFS 7 |
| :named-array symbol in :type | option to defstruct | DEFS 7 |
| :named-array-leader symbol in :type | option to defstruct | DEFS 7 |
| :named-list symbol in :type | option to defstruct | DEFS 7 |
| :tree symbol in :type | option to defstruct | DEFS 7 |
| :default-value | option to make-plane | RN 80, ARR 21 |
| :extension | option to make-plane | RN 80, ARR 21 |
| :initial-dimensions | option to make-plane | RN 80, ARR 21 |
| :initial-origins | option to make-plane | RN 80, ARR 21 |
| :type | option to make-plane | RN 80, ARR 21 |
| :batch | option to make-system | TOOLS 73 |

| | | |
|---|-----------|--|
| :request-array | option to | netl:funcall-server-internal-function PROT 82 |
| :request-array-end | option to | netl:funcall-server-internal-function PROT 82 |
| :request-array-start | option to | netl:funcall-server-internal-function PROT 82 |
| :response-array | option to | netl:funcall-server-internal-function PROT 82 |
| :response-array-end | option to | netl:funcall-server-internal-function PROT 82 |
| :response-array-start | option to | netl:funcall-server-internal-function PROT 82 |
| :submit | option to | open STR 60 |
| Compare | option to | Operation Wanted [Reload/Retrieve] parameter SITE 10 |
| List Tape | option to | Operation Wanted [Reload/Retrieve] parameter SITE 10 |
| Reload All | option to | Operation Wanted [Reload/Retrieve] parameter SITE 10 |
| Retrieve Single Files | option to | Operation Wanted [Reload/Retrieve] parameter SITE 10 |
| :no-pointer | option to | sl:printing-random-object PRIM 89 |
| :typep | option to | sl:printing-random-object PRIM 89 |
| Leave | option to | Tape when done dump parameter SITE 5 |
| Offline | option to | Tape when done dump parameter SITE 5 |
| Query | option to | Tape when done dump parameter SITE 5 |
| Rewind | option to | Tape when done dump parameter SITE 5 |
| :density | option to | tape:make-stream TAPE 1 |
| :direction | option to | tape:make-stream TAPE 1 |
| :host | option to | tape:make-stream TAPE 1 |
| :input-stream-mode | option to | tape:make-stream TAPE 1 |
| :lock-reason | option to | tape:make-stream TAPE 1 |
| :minimum-record-length | option to | tape:make-stream TAPE 1 |
| :minimum-record-length-granularity | option to | tape:make-stream TAPE 1 |
| :no-bot-prompt | option to | tape:make-stream TAPE 1 |
| :norewind | option to | tape:make-stream TAPE 1 |
| :pad-char | option to | tape:make-stream TAPE 1 |
| :prompt | option to | tape:make-stream TAPE 1 |
| :record-length | option to | tape:make-stream TAPE 1 |
| :reel | option to | tape:make-stream TAPE 1 |
| :unit | option to | tape:make-stream TAPE 1 |
| :arg | option to | trace TOOLS 89, DEBUG 20 |
| :argpdl | option to | trace TOOLS 89, DEBUG 20 |
| :both | option to | trace TOOLS 89, DEBUG 20 |
| :break | option to | trace TOOLS 89, 93, DEBUG 20 |
| :cond | option to | trace TOOLS 89, DEBUG 20 |
| :entry | option to | trace TOOLS 89, DEBUG 20 |
| :entrycond | option to | trace TOOLS 89, DEBUG 20 |
| :entryprint | option to | trace TOOLS 89, DEBUG 20 |
| :error | option to | trace TOOLS 89, 93, DEBUG 20 |
| :exit | option to | trace TOOLS 89, DEBUG 20 |
| :exitbreak | option to | trace TOOLS 89, 93, DEBUG 20 |
| :exitcond | option to | trace TOOLS 89, DEBUG 20 |
| :exitprint | option to | trace TOOLS 89, DEBUG 20 |
| :nil | option to | trace TOOLS 89 |
| :print | option to | trace TOOLS 89, DEBUG 20 |
| :step | option to | trace TOOLS 89, 91, DEBUG 20 |
| :value | option to | trace TOOLS 89, DEBUG 20 |
| :wherein | option to | trace TOOLS 89, DEBUG 20 |
| :function | option to | tv:choose-variable-values TOOLS 124 |
| :blinker-p init | option to | tv:minimum-window TOOLS 108 |
| :edges-from init | option to | tv:minimum-window TOOLS 108 |

- :expose-p** init option to **tv:minimum-window** TOOLS 108
- :minimum-height** init option to **tv:minimum-window** TOOLS 108
- :minimum-width** init option to **tv:minimum-window** TOOLS 108
- :process** init option to **tv:process-mixin** TOOLS 120
- IF-EXISTS QFILE OPEN option values PROT 103
- Functions for Altering User Option Variables MENUS 67
- Functions for Defining User Option Variables MENUS 66
- New **open** option: **:estimated-length** RN 25
- Second argument to **si:install-microcode** now &optional NOTA 1
- New optional RN 94
- New optional argument to **gc-immediately** RN 98
- New Optional argument to **mapatoms-all** and **where-is** eliminated RN 7
- New optional argument to **read** RN 61
- New optional argument to **tv:mouse-wait** RN 101
- New **&optional** arguments INT 47
- New Optional arguments INT 47
- New optional arguments to **print-notifications** RN 99
- New optional arguments to **read-from-string** RN 84
- New optional arguments to **string-upcase** and **string-downcase** RN 80
- The Optional Constraint Function MENUS 61
- &optional** keyword EVAL 11, DEFS 16
- :optional** keyword EVAL 19
- &optional** keyword for **defmacro** MAC 31
- &optional** lambda-list keyword FUNC 14
- Optional parameters EVAL 11
- Classes of options ZMAILC 7
- deffavor** Options FLAV 35
- Geometry Init-plist Options MENUS 13
- Init options FLAV 13
- Keyword Options MISCUI 20
- Menu Item Options MENUS 11
- Messages and Init Options COND 49
- New SELECT Key Options LMS 35
- open** options RN 24, 25, STR 61, 63
- Profile mode options ZMAILC 7
- QFILE DIRECTORY Options PROT 120
- QFILE OPEN options PROT 88, 97
- Saving options ZMAILC 7
- Setting and Saving Options ZMAILC 7
- tv:basic-choose-variable-values** Init-plist Options MENUS 73
- tv:basic-mouse-sensitive-items** Init-plist Options MENUS 85
- tv:choose-variable-values** Options MENUS 62
- tv:command-menu** Init-plist Options MENUS 31
- tv:multiple-menu-mixin** Init-plist Options MENUS 42
- Useful **tv:menu** Init-plist Options MENUS 22
- Window position init options WINDOC 77
- Window size init options WINDOC 77
- make-system** options TOOLS
- tv:choose-variable-values** options TOOLS
- tv:process-mixin** init options TOOLS
- Changes to input editor options **:do-not-echo**, **:pass-through**, **:prompt**, **:reprompt** RN 22
- User Options Example MENUS 67
- No-unwind options for **:reset** PROC 18
- New options for **make-plane: :initial-dimensions**, **:initial-origins** RN 80
- :system-release** options for **si:full-gc** STOR 8
- Init-plist Options for **tv:menu** MENUS 97
- Options to **defstruct** DEFS 7
- Options to **defstruct-define-type** DEFS 30
- Options to **defsystem** MAINT 23
- Adding New options to programs MENUS 66
- Setting parameter Options to **trace** DEBUG 20
- User options window ZMAILC 7, 21
- New **open** options: **:if-exists** and **:if-does-not-exist** RN 25
- New input editor options: **:no-input-save**, **:activation**, **:command**,

- :preemptable** RN 57
- [File Inclusive Logical] Profile Mode menu item ZMAILC 28
- or** FLOW 5
- or** function FLOW 5
- :or** method combination type FLAV 49
- or** special form FLOW 5
- Row-major order ARR 4
- Order of application of whoppers FLAV 27
- Order of application of wrappers FLAV 26, 27
- Order of Definition FLAV 57
- Order of initializations INIT 1
- :ordered-instance-variables** option for **defflavor** FLAV 35
- :ordered-p** option for **zwei:open-editor-stream** MISCUI 20
- :ordered-p** option for **zwei:with-editor-stream** MISCUI 20
- Priority ordering WINDOC 13
- Ordering list WINDOC 93
- Ordering of flavors WINDEX 6
- Print ordinal number STR 25
- Organization of the Screen ZMACS 15
- Organization of this manual ZMACS 2
- Origin INED 3
- Retrieve element at origin INED 9
- Orphans SITE 14
- [Or] Filter Creation Display menu item ZMAILC 10
- ostring** function STR 39
- Other Aspects of the Display FED 26
- Miscellaneous Other Clauses FLOW 47
- Other Commands ZMAILT 47
- Other Components STR 85, FILE 28
- Other Kinds of Functions FUNC 11
- Moving the New Release to Other Lisp Machines At the Site SIG 20
- Other mail file names ZMAILC 33
- Other Process Functions PROC 23
- Other Sites SIG 23
- Installing World Loads From other than **t** or **nil** need to be edited RN 129
- Babyl files with **summary-window-format** Other Utilities and Applications MISCUI 3
- Peek: Other Window ZMACS 118
- Scroll Other Window ZMACS 118
- Scroll Other Window (c-m-V) TOOLS 60
- Other Window (c-X 0) TOOLS 60
- c-m-V (Scroll Other Window) TOOLS 60
- c-X 0 (Other Window) TOOLS 60
- other-sites-ignored-in-zmail-summary:** site object attribute PROT 17
- otherwise** symbol FLOW 4
- out LMS 6
- Getting Started and Logging Out LMS 4
- Logging out LMS 6
- Zmacs commands for finding out about flavors ZMACS 202
- Zmacs commands for finding out about Lisp ZMACS 201
- Finding Out About Patchable Systems MAINT 29
- Zmacs commands for finding out about the state of buffers ZMACS 201
- Zmacs commands for finding out about the state of Zmacs ZMACS 201
- Finding Out About Zmacs Commands ZMACS 34
- Force out any buffered stream output NETIO 81
- Getting Out of Trouble ZMACS 32
- :out** option for **fs:complete-pathname** STR 81, FILE 24
- :out** option for **with-open-file** STR 59
- Comment Out Region ZMACS 159
- New Zwei command: Comment Out Region (c-X c-;) RN 125
- Comment Out Region (c-X c-;) Zwei command RN 125
- Finding Out Why Your Machine Crashed NETIO 14
- Elements out-of-bounds COND 61
- Instance variable out-of-bounds COND 61

- Multiple and **format:**
- WIN T window size for
 - Ability to Character
 - Clear buffered
- Concatenating constant and variable
- Controlling the Format of **trace**
- FEP Show Status Command
- File opened for
- Force out any buffered stream
- Formatted
- Input and
- Lisp Machine Implementation Packet Input and
- Lisp Machine Implementation Stream Input and
- New format for **trace**
- Put keyboard character in
- Tops-20/TENEX Implementation Packet Input and
- Tops-20/TENEX Implementation Stream Input and **trace**
- VAX/VMS character
- Vax/VMS Implementation Packet Input and
- Vax/VMS Implementation Stream Input and
- NOS number of
- Out-of-bounds subscripts COND 61
- Out-of-order Evaluation MAC 21
- outfmt** macro STR 38
- outgoing half of this connection NETIO 77
- Output WINDOC 9
- output RN 21, STR 39
- output STR 14
- output STR 37
- Output DEBUG 23
- Output NETIO 17
- output RN 24, STR 61
- output NETIO 81
- Output STR 25
- Output NETIO 73
- Output NETIO 89
- Output NETIO 88
- output RN 96
- output STR 25
- Output NETIO 81
- Output NETIO 81
- output DEBUG 23
- output NETIO 94
- Output NETIO 94
- Output NETIO 94
- output "slots" available NETIO 77
- Output a page separator character STR 25
- Output a space STR 25
- Output a tilde STR 25
- Output carriage return STR 25
- Output channel number NETIO 75
- :output** disk stream INT 69
- Output Disk Streams INT 72
- output format style RN 21, STR 39
- output format style RN 21, STR 39
- output format style RN 21, STR 39
- Output Functions PRIM 115
- output functions PRIM 117
- Output hold flag WINDOC 9, 23, 33
- Output Hold process state ZMAILT 24
- Output Hold state WINDOC 9
- output** macro STR 38
- Output messages from the garbage collector STOR 9
- Output operations NETIO 25
- Output operations on windows WINDOC 2
- output packets NETIO 81
- Output padding STR 40
- OUTPUT pathname type abbreviation FILE 44
- Output space RN 21, STR 30
- output streams WINDOC 19, 23
- Output streams to buffered asynchronous devices STR 15
- Output Subsystem STR 37
- output tape streams TAPE 4
- output tape streams TAPE 4
- output tape streams TAPE 4
- output to file RN 114
- :output** value of **open** option **:direction** RN 24, STR 61
- output window NETIO 81
- :output-xoff-character** serial I/O parameter RN 109, NETIO 27
- :output-xon-character** serial I/O parameter RN 109, NETIO 27
- Outside World Interface Menu Items FED 30
- Outside-accessible instance variables feature FLAV 5
- :outside-accessible-instance-variables** option for **deffavor** FLAV 35
- Input and
- :editor**
- :read**
- :sail**
- Slashification-related
- format:**
- Number of unacknowledged
- Windows as
- The
- :force-output** message to
- :write-eof** message to
- :write-error-status** message to
- Logging host
- Number of packet slots available in

Exponent overflow PRIM 61
 Exponent overflow error COND 56
 Stack overflow error COND 57
 :overhead option for **defstruct-define-type** DEFS 30
 Arrays Overlaid with Lists ARR 15
 Overlapping disk transfers with computation INT 76
 Overlapping Mouse-Sensitive Regions WINDEX 39
 Introduction: Overlapping Mouse-Sensitive Regions WINDEX 40
 Source Code: Overlapping Mouse-Sensitive Regions WINDEX 42
 Overlapping windows WINDOC 2
 overstrike PRIM 103
 Overstrike RN 114
 OVERSTRIKE key 3600 5
 Overstriking WINDOC 23
 Overview ZMACS 2, 46, 178, WINDOC 19
 Overview and Definitions COND 1
 Overview of the Choice Facilities MENUS 2
 Overview of This Document COND 2
 Overwrite Mode (m-X) Zmacs command ZMACS 181
 :overwrite symbol in **:if-exists** option for **open** INT 69
 :overwrite value of **open** option for **:if-exists** RN 25, STR 63
 New [map Over] Menu Item: [reply] RN 130
 New [map Over] Menu Item: [select Conversation] RN 130
 [Map over] Zmail menu item ZMAILC 17, 19, 20, 21, 30, 31
 Making Your Own Stream STR 19
 Owning of a window by the mouse WINDOC 67

P

P

P

SELECT P ZMACS 30
 P Dired command ZMACS 140
 P Peek command MISCU 3
 π prefix STR 3
 P Zmail command ZMAILT 53, ZMAILC 17
%p-cdr-code function INT 19
%p-contents-as-locative function INT 17
%p-contents-as-locative-offset function INT 17
%p-contents-offset function 3600 19, INT 17
%p-data-type function INT 19
%p-deposit-field function 3600 23, INT 19
%p-deposit-field-offset function 3600 23, INT 19
%p-dpb function INT 18
%p-dpb-offset function 3600 19, INT 18
%p-flag-bit function INT 19
%p-ldb function INT 18
%p-ldb-offset function 3600 19, INT 18
%p-mask-field function 3600 23, INT 19
%p-mask-field-offset function 3600 23, INT 19
sys: **p-n-string** variable 3600 29
%p-pointer function 3600 21, INT 19
sys: **%p-store-cdr-and-contents** function 3600 24
 %p-store-cdr-code function INT 19
sys: **%p-store-cdr-type-and-pointer** function 3600 24
 %p-store-contents function INT 18
 %p-store-contents-offset function INT 18
 %p-store-data-type function INT 19
 %p-store-flag-bit function INT 20
 %p-store-pointer function 3600 21, INT 19
 %p-store-tag-and-pointer function INT 18
sys: **%p-structure-offset** function 3600 24
 P.r. PRIM 89
 PA signal NETIO 106
 Disk pack INT 55
 Change current package PKG 31

chaos package PKG 49
 Chaos: package NETIO 84
 cl package PKG 49
 Common Lisp Compatibility Package PKG 49
common-lisp-global package PKG 49
compiler package PKG 49
 Condition system package PKG 49
 Current package PKG 31
dbg package PKG 49
debugger package PKG 49
 Defining a Package PKG 32
 Editor package PKG 49
file-system package PKG 49
fonts package RN 6, PKG 49, WINDOC 54
format package PKG 49
fs package PKG 49
global package RN 1, 6, 3600 27, PKG 5, 49
 Home package PKG 40
keyword package RN 1, 6, PKG 49
 Keyword package FLAV 11
 Lisp language package PKG 49
lmfs package PKG 49
net package PKG 49
neti package PKG 49
network package PKG 49
network-internals package PKG 49
 NETWRK subroutine package NETIO 73
 Pathnames package PKG 49
 Remove package PKG 37
 Removing symbol from package PKG 40
 Set Package (m-X) offers to create a package RN 123
 si package PKG 49
 Symbols moved to or from **global** package RN 9
 sys package PKG 49
 system package 3600 27, PKG 5, 49
system-internals package PKG 49
 The Current Package PKG 31
 The **global** Package PKG 5
 tv package PKG 49
 user package RN 1, 6, PKG 13, 49
 User package NOTA 1
 Window system package PKG 49
 Zmail package PKG 49
zwei package PKG 49
 Package "Commands" PKG 46
 Set Package (m-X) TOOLS 11
 Set Package (m-X) offers to create a package RN 123
 Set Package (m-X) Zmacs command RN 123, ZMACS
 126, 127, 128
 Package attribute PKG 13
sys:dump-forms-to-file always puts package attribute into binary file RN 82
 Package cell PRIM 1, 58
 The Package Cell PRIM 58
 Package commands PKG 46
 Package Differences 3600 27
 Package file attribute STR 72
 Package Functions, Special Forms, and
 Variables PKG 31
 Package Inheritance PKG 4, 33
 Package Iteration PKG 42
 :package message to
 sys:external-symbol-not-found PKG 51
 :package message to **sys:package-locked** COND
 63, PKG 51
 Package name conflicts PKG 15
 Package Names PKG 15
 Relative Package Names PKG 16, 44
 Shadowing package names PKG 16

- Home
- format** \ directives can have
 - #:
 - :
 - ::
 - global**
 - keyword**
- Compatibility with the Old Functions moved from the si
- Interning errors based on **sys:**
 - sys:**
 - :package** message to **sys:**
 - :symbol** message to **sys:**
 - sys:**
 - :name** message to **sys:**
 - :relative-to** message to **sys:**
 - sys:**
- Adding new symbols to locked
- Changes to
- Examples:
 - Invisible
- Mapping Between Names and Name Conflicts:
 - Sharing of Symbols Among Subroutine
 - System
 - External-only
- Symbols in **global** and **keyword**
- ANS Answer to a simple transaction
 - BRD Broadcast
 - Chaos
 - CLS Close connection
 - DAT 16-bit Data
 - DAT 8-bit Data
 - EOF End of File
- Error message from a received CLS or LOS
 - Foreign
- FWD Forward a request for connection
 - LOS Lossage
 - LSN Listen
 - MNT Maintenance
 - OPN Open connection
 - QFILE
 - Receive a
- RFC Request for connection
 - Routing
 - RUT
 - RUT Routing Information
 - Send a
 - Sending a CLS
 - SNS Sense status
 - STS Status
 - UNC Uncontrolled Data
- Package of a Symbol PKG 7, 40
- :package** option for **defsystem** MAINT 3
- package prefixes RN 92
- package qualifier PKG 19
- package qualifier PKG 19, 33, 35
- package qualifier PKG 33, 35
- package symbols RN 9
- package symbols RN 7
- Package system PRIM 58
- Package System PKG 57
- package to **global: deallocate-whole-resource, map-resource** RN 13
- package** variable PKG 13, 31, MENU 57
- package-declare** macro RN 7
- package-declare** special form PKG 57
- package-error** COND 62
- package-error** flavor COND 62, PKG 51
- package-external-symbols** function PKG 45
- package-locked** COND 63, PKG 51
- package-locked** COND 63, PKG 51
- package-locked** flavor COND 63, PKG 51
- package-not-found** COND 62, PKG 51
- package-not-found** COND 62, PKG 51
- package-not-found** flavor COND 62, PKG 51
- Package-related Conditions PKG 51
- package-shadowing-symbols** function PKG 46
- package-use-list** function PKG 44
- package-used-by-list** function RN 7, PKG 44, 57
- Packages RN 1, LMS 18, TOOLS 9, 10, 19, 34, 39, ZMACS 125, 126
- packages PKG 58
- Packages RN 6
- Packages PKG 23
- packages PKG 15
- Packages PKG 41
- Packages PKG 27
- Packages PKG 3
- Packages NETIO 79
- Packages PKG 49
- Packages and Locking PKG 58
- Packages and Writing Programs PKG 13
- Packages storage area STOR 5
- packages with the same names RN 7
- packet NETIO 53
- packet NETIO 58
- packet PROT 65
- packet NETIO 53
- packet NETIO 57
- packet NETIO 57
- packet NETIO 57
- packet NETIO 81
- packet NETIO 68
- packet NETIO 53
- packet NETIO 56
- packet NETIO 53
- packet NETIO 60
- packet NETIO 53
- packet PROT 85
- packet NETIO 81
- packet NETIO 53
- packet NETIO 46
- packet NETIO 46
- packet NETIO 60
- packet NETIO 81
- packet NETIO 57
- packet NETIO 56
- packet NETIO 56
- packet NETIO 57, 68

- QFILE
- Passing
 - Acknowledgement Count
 - Destination Address
 - Destination Index
 - Operation
 - Packet Number
 - Source Address
 - Source Index
- Lisp Machine Implementation
- Tops-20/TENEX Implementation
- Vax/VMS Implementation
- Window into the set of
 - Waiting for Acknowledgement of the EOF
- QFILE
 - The
 - Maximum
 - Number of
 - Number of
 - Sending a
 - chaos:send-unc-pkt** automatically returns the
- QFILE
 - neti:**
 - neti:**
- Available input
- Control
- Controlled
 - Data
- Free pool of
- Freeing
- Miscellaneous:
 - Number of available input
 - Number of unacknowledged output
 - QFILE Marks and EOF
 - Reference Material:
 - SNS
 - Status
 - STS
 - Subpackets: Coercing
 - Uncontrolled
 - Wired
 - Number of input
 - IBF number of input
 - PBF number of input
 - ACK number of received
 - Delivering
- format:**
- Output
 - Packet buffer panic PROT 69
 - Packet Contents NETIO 44
 - Packet Data Contents PROT 91
 - packet error information NETIO 56
 - Packet forwarding NETIO 46
 - packet header field NETIO 44, 50, 56
 - packet header field NETIO 44
 - packet header field NETIO 44
 - packet header field NETIO 44
 - packet header field NETIO 44
 - packet header field NETIO 44
 - packet header field NETIO 44
 - packet header field NETIO 44
 - Packet header fields NETIO 44
 - Packet Input and Output NETIO 89
 - Packet Input and Output NETIO 81
 - Packet Input and Output NETIO 94
 - Packet Number packet header field NETIO 44
 - Packet Numbers NETIO 44
 - packet numbers NETIO 50
 - Packet on Writing with QFILE PROT 109
 - Packet opcode NETIO 44
 - Packet Opcodes PROT 91
 - Packet Pool PROT 63
 - Packet Reception PROT 76
 - packet size NETIO 81
 - Packet slots available NETIO 75
 - packet slots available in output window NETIO 81
 - packet slots available in transmit window NETIO 95
 - Packet to an Interface PROT 72
 - packet to the free pool RN 108
 - Packet Transmission PROT 77
 - Packet types NETIO 53
 - packet types PROT 94
 - packet-being-transmitted** function PROT 68
 - packet-buffer-panic** function PROT 69
 - packet-gateway** Service PROT 58
 - Packet-switching network PROT 12
 - Packets NETIO 35, PROT 63
 - packets NETIO 75
 - packets NETIO 84
 - packets NETIO 44, 50
 - packets NETIO 84
 - packets PROT 69
 - packets PROT 72
 - Packets PROT 68
 - packets NETIO 81
 - packets NETIO 81
 - Packets PROT 94
 - Packets PROT 65
 - packets NETIO 50
 - packets NETIO 50, 56
 - packets NETIO 50
 - Packets PROT 65
 - packets NETIO 44, 50
 - packets PROT 63
 - packets available NETIO 95
 - packets buffered NETIO 77
 - packets buffered NETIO 77
 - packets to be acknowledged NETIO 77
 - packets to networks PROT 72
 - Packets with array leader PROT 67
 - pad** macro STR 40
 - :pad-char** option to **tape:make-stream** TAPE 1
 - :padchar** option for formatting functions STR 37
 - padding STR 40
 - PAGE LMS 42
 - page** PRIM 103

| | |
|------------------------------|--|
| Count Lines | Page ZMACS 38 |
| Cursor Motion by | Page ZMACS 59 |
| Mark | Page ZMACS 81 |
| Motion by | Page ZMACS 59 |
| Next | Page ZMACS 23, 59 |
| Previous | Page ZMACS 24, 59 |
| | Page character 3600 5, STR 3 |
| | Page fault PROC 3 |
| | PAGE FEP file type INT 75 |
| Xbus | page number NETIO 107 |
| Disk | page number (DPN) INT 55 |
| | PAGE partition FILE 72 |
| | page partition SIG 39 |
| | Page separator character STR 3 |
| Output a | page separator character STR 25 |
| sys: | %page-cons-alarm variable INT 28 |
| sys: | page-in-area function INT 23 |
| sys: | page-in-array function INT 23 |
| sys: | page-in-region function INT 23 |
| sys: | page-in-structure function INT 23 |
| sys: | page-in-words function INT 23 |
| sys: | page-out-area function INT 24 |
| sys: | page-out-array function INT 24 |
| sys: | page-out-region function INT 24 |
| sys: | page-out-structure function INT 24 |
| sys: | page-out-words function INT 24 |
| | Page-related meters INT 30 |
| | page-size printer attribute HARD 5 |
| | page-size: printer object attribute PROT 15 |
| Disk | pages INT 55 |
| Number of extra | pages to be read from disk 3600 29 |
| Demand | paging 3600 29 |
| Using a Spare World Load for | Paging FILE 75 |
| | Paging algorithm performance 3600 1 |
| | Paging files NETIO 7 |
| | Paging Partition SIG 39 |
| Extra | paging space FILE 75 |
| | Paging subprimitives 3600 23 |
| The | Paging System INT 23 |
| Add | Paging-file command NETIO 7 |
| Clear | Paging-files command NETIO 7 |
| | Pair PROT 2, 26 |
| Dotted | pair NOTA 1 |
| | pair primitive type PROT 30 |
| | pairlis function PRIM 39 |
| Bands List | pane TAPE 14 |
| Black | pane FED 15 |
| Drawing | pane FED 5, 32 |
| Graphic | pane WINDEX 75 |
| Inspect | pane WINDEX 75 |
| Inspect history | pane WINDEX 75 |
| Inspector history | pane MISCT 1 |
| Inspector inspection | pane MISCT 3 |
| Inspector interaction | pane MISCT 4 |
| Interaction | pane WINDEX 75 |
| Keyboard | pane WINDEX 30 |
| Mouse-sensitive text scroll | pane WINDEX 75 |
| Prompt | pane FED 5 |
| Register | pane FED 5, 17, 33 |
| Sample | pane FED 5, 11, 23, 32 |
| Size of boxes in the drawing | pane FED 26, 29 |
| Stack | pane WINDEX 30 |
| Status | pane FED 5 |
| Systems List | pane TAPE 15 |
| The Character Select | Pane FED 33 |
| The Drawing | Pane FED 32 |
| The Inspector History | Pane MISCT 1 |
| The Inspector Inspection | Pane MISCT 3 |

- The Inspector Interaction Pane MISCT 4
- The Inspector Menu Pane MISCT 5
- The Register Pane FED 33
- The Sample Pane FED 32
- Using the mouse in the character select pane FED 33
- Using the mouse in the drawing pane FED 32
- Using the mouse in the register pane FED 33
- Using the mouse in the sample pane FED 32
- Pane border WINDOC 88
- pane constraint WINDOC 93
- pane constraint WINDOC 93
- pane constraint WINDOC 93
- pane constraint WINDOC 93
- pane constraint WINDOC 93
- pane constraint WINDOC 93
- pane constraint WINDOC 93
- Pane Display MISCT 3
- Pane flavors WINDEX 30
- pane-mixin** flavor WINDOC 88
- pane-name** method of
 - tv:basic-constraint-frame** WINDOC 99
- pane-no-mouse-select-mixin** flavor WINDEX 30, 31
- Panes WINDOC 19, 87
- panes WINDOC 88
- panes WINDOC 3
- panes WINDOC 93
- panes WINDOC 3
- Panes and Constraints WINDOC 90
- Panes and Constraints WINDOC 93
- Panes and Frames WINDOC 88
- panes** init option for
 - tv:basic-constraint-frame** WINDOC 90, 93
- panic PROT 69
- paragraph ZMACS 83
- Paragraph ZMACS 23, 58
- Paragraph ZMACS 58
- Paragraph ZMACS 83
- Paragraph ZMACS 23, 58
- Paragraph ZMACS 80
- Paragraph ZMACS 58
- Paragraphs (m-X) Zmacs command ZMACS 100
- parallel systems 3600 30
- Parallel Systems for the LM-2 and the 3600 MAINT 19
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter RN 109, NETIO 27
- parameter RN 109, NETIO 27
- parameter RN 109, NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter RN 109, NETIO 27
- parameter RN 109, NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter NETIO 27
- parameter SITE 5
- Append to tape dump

Comment dump parameter SITE 5
 Compare option to Operation Wanted [Reload/Retrieve]
 parameter SITE 10
 Consolidate from dump parameter SITE 5
 Dump deleted files dump parameter SITE 5
 Dump Type dump parameter SITE 5
 File Host [Reload/Retrieve] parameter SITE 10
 Files to retrieve [Reload/Retrieve] parameter SITE 10
 Leave option to Tape when done dump parameter SITE 5
 List Tape option to Operation Wanted [Reload/Retrieve]
 parameter SITE 10
 Offline option to Tape when done dump parameter SITE 5
 Operation Wanted [Reload/Retrieve] parameter SITE 10
 Pathnames dump parameter SITE 5
 Person operating dump parameter SITE 5
 Query option to Tape when done dump parameter SITE 5
 Reload All option to Operation Wanted [Reload/Retrieve]
 parameter SITE 10
 Restart pathname dump parameter SITE 5
 Retrieve Single Files option to Operation Wanted [Reload/Retrieve]
 parameter SITE 10
 Rewind option to Tape when done dump parameter SITE 5
 Set date dumped dump parameter SITE 5
 Stream parameter RN 65, STR 52
 Tape Drive [Reload/Retrieve] parameter SITE 10
 Tape Host dump parameter SITE 5
 Tape Host [Reload/Retrieve] parameter SITE 10
 Tape Name [Reload/Retrieve] parameter SITE 10
 Tape Reel ID dump parameter SITE 5
 Tape when done dump parameter SITE 5
 Setting parameter options to programs MENUS 66
 Parameters EVAL 11
 Actual parameters EVAL 11
 Default forms of lambda-list parameters EVAL 11
 Formal parameters EVAL 11
 Initialize border parameters MENUS 22, 97
 Keyword parameters EVAL 11
 Modem control parameters NETIO 27
 Multiple choice window parameters MENUS 51, 55
 Optional parameters EVAL 11
 Positional parameters EVAL 11
 Reading serial I/O parameters NETIO 25
 Required parameters EVAL 11
 Rest parameters EVAL 11
 Serial I/O Parameters NETIO 27
 Serial I/O format of transmitted characters parameters NETIO 27
 Serial I/O stream creation parameters NETIO 27
 Set edge parameters MENUS 98
 Setting serial I/O parameters NETIO 25
 XON/XOFF protocol parameters NETIO 27
 Font Parameters menu FED 5
 The Font Parameters Menu FED 33
 Using the mouse in the Font Parameters menu FED 33
 Parameters: 3600 Serial I/O NETIO 27
 QFILE parcel PROT 85
 Parentheses NOTA 1
 Insert Matching parentheses ZMACS 164
 Find Unbalanced Parentheses (m-X) TOOLS 24
 Find Unbalanced Parentheses (m-X) Zmacs command ZMACS 38
 Check Unbalanced Parentheses When Saving ZMACS 195
 Parenthesizing Expressions ZMACS 164
 Changes to Serial I/O: Parity Recovery and Xon/Xoff Character Setting RN 109
 :parity serial I/O parameter NETIO 27
 time: parse function MISCUI 5
 :parse-address message PROT 74
 New error flavors: sys: parse-error and sys:parse-ferror RN 23
 sys: parse-error flavor RN 23

- New error flavors: **sys:parse-error** and **sys:**
 New function: **sys:**
sys:
si:
time:
- Meaning of argument changed for **fs:**
fs:
time:
- Typeout to
 Auxillary
 File
 File system
 FSPT
lodn
mcr
metr
 PAGE
page
 Paging
 Zero a disk
- Label and
 File system
 Adding a
 Program
- Disk
 Loading and Saving Disk
 LOD
 MCR
 Microload
 Miscellaneous
 Multiple
 World Load
 LMFS multiple
 Dummy
- parse-ferror** RN 23
parse-ferror RN 24
parse-ferror flavor RN 24
parse-ferror function RN 24, COND 26
parse-host function PROT 28
parse-interval-or-never function MISCUI 6
parse-number function ARR 30
parse-pathname RN 32
parse-pathname function RN 33, FILE 23
parse-pathname-error flavor COND 72
parse-universal-time function MISCUI 5
 Parsed addresses PROT 74
 Parser for file attribute list STR 72
parse_host function NETIO 93
 Parsing file attribute lists STR 72
 Parsing pathnames RN 33, FILE 23
 Partially visible windows WINDOC 2, 13
 partially visible windows WINDOC 13
 partition FILE 68
 partition SIG 42
 partition SIG 41
 partition FILE 68
 partition SIG 40
 partition SIG 40
 partition SIG 41
 partition FILE 72
 partition SIG 39
 Partition SIG 39
 partition SIG 44
 Partition comments FILE 72
 Partition Operations SIG 41
 partition table FILE 67
 Partition to LMFS FILE 68
 partitioning FLAV 57
 Partitions TAPE 9
 partitions FILE 71, SIG 39
 Partitions 3600 31
 partitions FILE 71
 partitions FILE 71
 Partitions SIG 40
 Partitions SIG 41
 Partitions FILE 67
 Partitions SIG 40
 partitions FILE 67
 parts WINDOC 93
:pass-through option RN 22, WINDOC 48, STR 47
:pass-through option for **:rubout-handler**
 message WINDOC 47, STR 46
:pass-through, :prompt, :reprompt RN 22
 passing FLAV 9, 11
 Passing packet error information NETIO 56
 Passing, and Flavors FLAV 1
 passwords RN 70, STR 70
 past edge of screen error COND 57
 past the end-of-file error COND 56
:past-date option for **prompt-and-read** RN 85,
 MISCUI 13
:past-date variable type MENUS 59
:past-date-or-never option for **prompt-and-read** RN
 85, MISCUI 13
 Patch MAINT 27
 Patch (m-X) RN 124
 Patch (m-X) RN 124
 Patch (m-X) Zmacs command ZMACS 174, MAINT
 34
 Add Patch (m-X) Zmacs command ZMACS 173, MAINT
 34
 Finish Patch (m-X) Zmacs command ZMACS 174, MAINT
- Changes to input editor options **:do-not-echo,**
 Message
- Introduction: Objects, Message
 Suppress prompting for
 Drawing
 Read
- New Zmacs command: Resume
 New Zmacs command: Start Private
 Abort
 Add
 Finish

- 34
- Resume Patch (m-X) Zmacs command RN 124, MAINT 34
- Start Patch (m-X) Zmacs command ZMACS 172, MAINT 34
- Start Private Patch (m-X) Zmacs command RN 124, ZMACS 172, MAINT 34
- Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
 - Add Patch Changed Definitions (m-X) Zmacs command RN 123, ZMACS 173
 - Changes to Add Patch Changed Definitions (m-X) and Add Patch Changed Definitions of Buffer (m-X) RN 123
 - Add Patch Changed Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
 - Patch directory file MAINT 30
 - Patch Facility MAINT 27
 - Patch file MAINT 27
- Add region to patch file MAINT 34
 - Install patch file MAINT 34
 - Set Patch File (m-X) TOOLS 11
 - Set Patch File (m-X) Zmacs command ZMACS 128
- File types of patch files STR 72, TAPE 15
 - Types of patch files MAINT 30
 - Patch Files MAINT 30
 - Patch level RN 70, MAINT 30
 - Patch Notes NETIO 31
 - Patch Tape Format SIG 22
 - PATCH-DIRECTORY pathname type abbreviation FILE 44
 - Patch-File file attribute ZMACS 129
 - Patch-File file attribute STR 72
- New function: **si:** **patch-loaded-p** RN 70
 - si:** **patch-loaded-p** function RN 70, MAINT 30
 - :patchable** option for **defsystem** MAINT 3, 27, 30
- Status of a patchable system MAINT 37
 - Maintaining a Patchable System on the LM-2 and 3600 3600 30
 - Patchable System Status MAINT 37
- Finding Out About Patchable Systems MAINT 29
 - Patches RN 123, TAPE 15
- Loading Patches MAINT 33
 - Machine-dependent patches 3600 30
 - Making patches 3600 30, MAINT 34
 - Adding patches to Lisp image SITE 20
- Service access Patching ZMACS 172
 - The **interned-symbols** path PROT 39
 - An Example Path FLOW 54
 - Loop iteration Path Definition FLOW 58
- :canonical-type** method of **fs:** **pathname** FILE 33
 - :device** method of **fs:** **pathname** FILE 32
 - :device-wild-p** method of **fs:** **pathname** FILE 39
 - :directory** method of **fs:** **pathname** FILE 32
 - :directory-pathname-as-file** method of **fs:** **pathname** FILE 10
 - :directory-wild-p** method of **fs:** **pathname** FILE 39
 - :generic-pathname** method of **fs:** **pathname** FILE 37
 - :get** method of **fs:** **pathname** FILE 38
 - :getl** method of **fs:** **pathname** FILE 38
 - :host** method of **fs:** **pathname** FILE 32
 - :name** method of **fs:** **pathname** FILE 32
 - :name-wild-p** method of **fs:** **pathname** FILE 39
 - :new-canonical-type** method of **fs:** **pathname** FILE 35
 - :new-default-pathname** method of **fs:** **pathname** FILE 36
 - :new-device** method of **fs:** **pathname** FILE 34
 - :new-directory** method of **fs:** **pathname** FILE 34
 - :new-name** method of **fs:** **pathname** FILE 34
 - :new-pathname** method of **fs:** **pathname** FILE 36
 - :new-raw-device** method of **fs:** **pathname** FILE 35

- :new-raw-directory** method of **fs:** **pathname** FILE 35
- :new-raw-name** method of **fs:** **pathname** FILE 35
- :new-raw-type** method of **fs:** **pathname** FILE 35
- :new-type** method of **fs:** **pathname** FILE 34
- :new-version** method of **fs:** **pathname** FILE 34
- :pathname-as-directory** method of **fs:** **pathname** FILE 10
- :pathname-match** method of **fs:** **pathname** FILE 38
- :plist** method of **fs:** **pathname** FILE 38
- :putprop** method of **fs:** **pathname** FILE 38
- :raw-device** method of **fs:** **pathname** FILE 33
- :raw-directory** method of **fs:** **pathname** FILE 33
- :raw-name** method of **fs:** **pathname** FILE 33
- :raw-type** method of **fs:** **pathname** FILE 33
- :remprop** method of **fs:** **pathname** FILE 38
- :string-for-directory** method of **fs:** **pathname** FILE 38
- :string-for-dired** method of **fs:** **pathname** FILE 37
- :string-for-editor** method of **fs:** **pathname** FILE 37
- :string-for-host** method of **fs:** **pathname** FILE 37
- :string-for-printing** method of **fs:** **pathname** FILE 37
- :string-for-wholine** method of **fs:** **pathname** FILE 37
- :system-type** method of **fs:** **pathname** FILE 34
- :translate-wild-pathname** method of **fs:** **pathname** FILE 40
- :type** method of **fs:** **pathname** FILE 32
- :type-wild-p** method of **fs:** **pathname** FILE 39
- :types-for-canonical-type** method of **fs:** **pathname** FILE 36
- :version** method of **fs:** **pathname** FILE 33
- :version-wild-p** method of **fs:** **pathname** FILE 39
- :wild-p** method of **fs:** **pathname** FILE 39
- Converting logical pathname to physical **pathname** FILE 49, 53
- Converting physical pathname to logical **pathname** FILE 53
 - Opening **pathname** RN 24, STR 61
 - Source **pathname** RN 26
 - Target **pathname** RN 26
 - UNIX **pathname** abbreviations FILE 44
 - VAX/VMS **pathname** abbreviations FILE 44
 - Pathname** completion on VMS RN 109
 - pathname** component FILE 15
 - pathname** component FILE 15
 - pathname** component FILE 46
 - pathname** component FILE 15
 - pathname** component FILE 15
 - pathname** component FILE 15
 - pathname** component FILE 48
 - pathname** component FILE 15
 - pathname** component FILE 48
 - pathname** component FILE 46
 - pathname** component FILE 46
 - pathname** component case FILE 12
 - pathname** component case FILE 12
 - Pathname** components LMS 16
 - pathname** components FILE 12
 - pathname** components FILE 13, 24
 - pathname** components FILE 12
 - Pathname** Components FILE 7
 - Pathname** defaults FILE 13, 24
 - pathname** display FILE 46
 - pathname** dump parameter SITE 5
 - Pathname** Errors COND 72
 - pathname** flavor FILE 19
 - Pathname** Functions FILE 23
 - Pathname** history INED 5
 - Pathname** Mapping FILE 19
 - :pathname** message STR 76
 - Pathname** Messages: Naming of Files FILE 32
 - Pathname** Name, Type, and Version Now Separated by Periods RN 35
 - pathname** operations PROT 53
 - :pathname** option for **prompt-and-read** RN 85, MISCUI 13

- Manipulating
 - Invalid
 - Lisp Machine
 - Converting physical
 - Converting logical
 - Logical
 - Reversible wild
 - Wild
- Changes to Logical
 - Physical
 - BABYL
 - CWARNS
 - INIT
 - LISP
 - MAIL
 - MIDAS
 - OUTPUT
 - PATCH-DIRECTORY
 - (PDIR)
 - PRESS
 - QFASL
 - QWABL
 - TEXT
 - ULOAD
 - UNFASL
 - XMAIL
 - Translating
- :init canonical
- Standard
 - :pathname option for
 - zwei:open-editor-stream** MISCUI 20
 - :pathname option for
 - zwei:with-editor-stream** MISCUI 20
 - pathname property lists FILE 32
 - Pathname special variables FILE 13
 - Pathname syntax LMS 16
 - pathname syntax errors COND 69
 - pathname system PROT 53
 - pathname to logical pathname FILE 53
 - pathname to physical pathname FILE 49, 53
 - Pathname Translation FILE 50
 - pathname translation RN 35, FILE 50
 - pathname translation RN 35, FILE 50
 - Pathname Translations RN 35
 - pathname translations RN 35
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type abbreviation FILE 44
 - pathname type field FILE 17
 - pathname type removed RN 35
 - pathname types FILE 44
 - :pathname variable type MENUS 59
- New Default Representations for Newest and Oldest Logical
 - Pathname Versions RN 35
- :pathname-as-directory method of
 - fs:pathname** FILE 10
- :pathname-default option for **defsystem** MAINT 3
- fs:
 - pathname-error flavor COND 72
 - :pathname-host option for **prompt-and-read** RN 85, MISCUI 13
 - :pathname-host variable type MENUS 59
 - :pathname-list option for **prompt-and-read** RN 85, MISCUI 13
 - :pathname-list variable type MENUS 59
 - :pathname-match method of **fs:pathname** FILE 38
 - :pathname-or-nil option for **prompt-and-read** RN 85, MISCUI 13
 - :pathname-or-nil variable type MENUS 59
- fs:
 - pathname-plist function FILE 31
 - Pathnames RN 1, LMS 16, FLOW 52, TOOLS 40, STR 59, FILE 1
 - pathnames FILE 15
 - pathnames RN 27, STR 66
 - Pathnames FILE 17
 - Pathnames FILE 12
 - Pathnames RN 30
 - Pathnames RN 35
 - pathnames FILE 46
 - pathnames FILE 49
 - pathnames FILE 48
 - pathnames FILE 49
 - Pathnames FILE 15
 - Pathnames FILE 3
 - pathnames FILE 12
- :generic-pathname message to
- :rename message to
 - Canonical Types in
 - Case in
 - Changes to Host Determination in
 - Changes to Logical
 - Circle-x (⊗) character in TOPS-20
 - Double-arrow character (↔) in logical
 - Equivalence sign (≡) character in ITS
 - Equivalence sign character (≡) in logical
 - Generic
 - Host Determination in
 - Interchange case in

| | | |
|--------------------------------------|--|-----------------|
| Interning of | Pathnames | FILE 5 |
| ITS | pathnames | FILE 48 |
| Logical | pathnames | LMS 16, FILE 49 |
| Messages to | pathnames | FILE 12 |
| Parsing | pathnames | RN 33, FILE 23 |
| Printing | Pathnames | FILE 6 |
| Raw case in | pathnames | FILE 12 |
| Right horseshoe (⊃) character in ITS | pathnames | FILE 48 |
| Surface type in | pathnames | FILE 17 |
| TENEX | pathnames | FILE 46 |
| TOPS-20 | pathnames | FILE 46 |
| Wildcard | pathnames | FILE 19 |
| Directory | Pathnames and Directory Pathnames as Files | FILE 8 |
| Directory Pathnames and Directory | Pathnames as Files | FILE 8 |
| | Pathnames dump parameter | SITE 5 |
| Both default | pathnames for Source Compare (m-X) now use | |
| | :newest version | RN 123 |
| Default | Pathnames in Dired | ZMACS 134 |
| Logical | Pathnames Now Hierarchical | RN 35 |
| | Pathnames package | PKG 49 |
| Init File | Pathnames Standardized | RN 34 |
| Zmail Init File | Pathnames Standardized | RN 129 |
| | Pathnames, Files, and Directories | LMS 16 |
| Relative | Pathnames: Files | FILE 16 |
| Defining | Paths | FLOW 56 |
| File access | paths | PROT 53 |
| Iteration | Paths | FLOW 52 |
| Predefined | Paths | FLOW 54 |
| Selecting | paths | PROT 36 |
| Multiple | paths to a service | PROT 41 |
| Finding | Paths to Hosts | PROT 42 |
| :black | pattern in dummy description | WINDOC 93 |
| :white | pattern in dummy description | WINDOC 93 |
| Array as | pattern in dummy description | WINDOC 93 |
| List as | pattern in dummy description | WINDOC 93 |
| Symbol as | pattern in dummy description | WINDOC 93 |
| | Pauses | WINDOC 23 |
| | PB signal | NETIO 106 |
| | PBF number of input packets buffered | NETIO 77 |
| Current micro | PC (CPC) status information | RN 137 |
| | PC Metering on the 3600 | INT 85 |
| Macro | PC status information | RN 137 |
| Program counter | (PC) metering | RN 50 |
| Decoding Macro | Pcs | NETIO 16 |
| Decoding Micro | Pcs | NETIO 14 |
| Old | PCs (OPC) status information | RN 137 |
| | (PDIR) pathname type abbreviation | FILE 44 |
| | Pdl | INT 37 |
| Regular | pdl | INT 1 |
| Special | pdl | INT 1 |
| | Pdl buffer meters | INT 30 |
| | :pdl option for make-area | 3600 29, STOR 2 |
| sys: | pdl-overflow flavor | COND 57 |
| | PDL-POP address type | INT 44, 52 |
| | PDP-10 file server | STR 59 |
| | PDP-11/VAX single-precision floating-point | |
| | format | ARR 4 |
| Entering | Peek | ZMACS 30 |
| A | Peek command | MISCU 3 |
| F | Peek command | MISCU 3 |
| H | Peek command | MISCU 3 |
| nZ | Peek command | MISCU 3 |
| P | Peek command | MISCU 3 |
| Print message | Peek command | MISCU 3 |
| Q | Peek command | MISCU 3 |
| Set sleep time between updates | Peek command | MISCU 3 |
| W | Peek command | MISCU 3 |
| Z | Peek command | MISCU 3 |

- Peek commands MISCU 3
- peek** function MISCU 5
- [Quit] Peek menu item MISCU 3
- :peek** message PROT 80
- Interaction with Peek Network Mode PROT 80
- Peek subsystem SCROLL 1
- :peek-header** message PROT 80
- Peek: Other Utilities and Applications MISCU 3
- Pending-RFC queue NETIO 79
- per byte STR 59
- per clock sequence break meter INT 30
- Perform on Functions FUNC 7
- Performance 3600 1
- performance 3600 1
- Performance INT 76
- Performance INT 78
- performance 3600 1
- performance 3600 1
- Performing Dumps SITE 5
- Performs Style Checking on All Forms RN 81
- Set the RFC timeout period NETIO 81
- Logical Pathname Name, Type, and Version Now Separated by
Periods RN 35
- peripheral**: host object attribute PROT 9
- Peripherals 3600 11
- Permanent process PROC 11
- permanent-storage-area** variable STOR 4
- :permit** deexposed timeout action WINDOC 9
- :permit** deexposed timeout option WINDOC 13
- permitted RN 145
- Person operating dump parameter SITE 5
- Personal default fonts HARD 1, 7
- personal-name**: user object attribute PROT 10
- Philosophy PROT 86
- physical characters WINDOC 59
- physical hosts FILE 49
- Physical location of host PROT 7
- Physical memory STOR 15
- physical pathname FILE 49, 53
- physical pathname to logical pathname FILE 53
- Physical pathname translations RN 35
- physical-page-data** variable 3600 29
- pictures onto arrays WINDOC 33
- %PIIOC interrupt NETIO 75
- Pins NETIO 23
- Pins in Asynchronous Null Modems NETIO 23
- Pixel ZMACS 180, FED 5
- Pixels WINDOC 5
- Pixels and Bit-save Arrays WINDOC 5
- pkg-add-relative-name** function PKG 16, 44
- pkg-area** variable STOR 5
- pkg-bind** macro PKG 32
- pkg-contained-in** function PKG 57
- pkg-create-package** function RN 7, PKG 58
- pkg-debug-copy** function PKG 57
- pkg-delete-relative-name** function PKG 16, 44
- pkg-find-package** function PKG 41
- pkg-global-package** variable PKG 50
- pkg-goto** function PKG 31, TOOLS 19
- pkg-keyword-package** variable PKG 50
- pkg-kill** function PKG 37
- pkg-load** function PKG 57
- pkg-name** function PKG 41
- pkg-refname-alist** function PKG 57
- pkg-super-package** function PKG 57
- pkg-system-package** variable PKG 50
- Pkt NETIO 84, 89
- Opcode pkt header field NETIO 89
- Inspecting hash arrays of **eq** hash tables not
- QFILE File Transfer
- Logical characters and
Translating logical hosts to
- Converting logical pathname to
Converting
- Drawing
- Assignment of RS-232 Signals to
Assignment of RS-232 Signals to

- chaos:** **pkt-link** function NETIO 91
- chaos:** **pkt-nbytes** function NETIO 89
- chaos:** **pkt-opcode** function NETIO 89
- chaos:** **pkt-string** function NETIO 89
- PKTIOT system call NETIO 73
- PL1 mode ZMACS 145
- Electric PL1 mode ZMACS 145
- Move In Place Of Referenced Msg (m-X) Zmail command ZMAILC 21
- Clear gray plane FED 15, 30
- Constructive Use of the Gray Plane FED 16
- Gray plane FED 5, 15
- Move drawing in the gray plane FED 15, 30
- The Gray Plane FED 15
- Gray Plane Menu Items FED 30
- plane-aref** function ARR 22
- plane-aset** function ARR 22
- plane-default** function ARR 22
- plane-extension** function ARR 22
- plane-origin** function ARR 22
- plane-ref** function ARR 22
- plane-store** function ARR 22
- Planes ARR 21
- Plist PRIM 39
- List Item plist SCROLL 3, 11
- plist** function PRIM 57, TOOLS 35
- :plist** method of **fs:pathname** FILE 38
- plural** function STR 41
- Pluralize STR 25, 41
- Pluralizing words ARR 30
- *plus** function 3600 27, PRIM 74
- plus** function PRIM 68
- Plus-minus PRIM 103
- plusp** function PRIM 64
- pname-area** variable 3600 29, STOR 5
- Pocket Calculator, Version 1 WINDEX 5
- Introduction: Pocket Calculator, Version 1 WINDEX 6
- Source Code: Pocket Calculator, Version 1 WINDEX 10
- Pocket Calculator, Version 2 WINDEX 23
- Introduction: Pocket Calculator, Version 2 WINDEX 24
- Source Code: Pocket Calculator, Version 2 WINDEX 25
- Pocket Calculator, Version 3 WINDEX 29
- Introduction: Pocket Calculator, Version 3 WINDEX 30
- Source Code: Pocket Calculator, Version 3 WINDEX 32
- Point ZMACS 15, 37, 54, 74
- 3600 Supports IEEE Single- and Double-precision Floating Point RN 48
- Describe Variable At Point ZMACS 38
- Dired move point ZMACS 136
- Move to Default Previous Point ZMACS 76
- Move to Previous Point ZMACS 76
- Print number in floating point STR 25, 39
- Trailing decimal point PRIM 90
- Exclamation point (!) line continuation indicator ZMACS 20, 46
- Move To Previous Point (c-m-SPACE) TOOLS 55
- Describe Variable At Point (c-sh-V) TOOLS 35
- Move to Default Previous Point (m-X) Zmail command ZMAILT 54
- Move to Previous Point (m-X) Zmail command ZMAILT 54
- Swap Point And Mark ZMACS 77
- Swap Point And Mark (c-X c-X) TOOLS 55
- c-X c-X (Swap Point And Mark) TOOLS 55
- Using the RESUME key with floating point conditions COND 55
- Floating point exceptions COND 55
- Push Pop Point Explicit (m-SPACE) TOOLS 55
- m-SPACE (Push Pop Point Explicit) TOOLS 55
- Reader Accepts Common Lisp Floating Point Exponents RN 17
- :point** method of **tv:graphics-mixin** WINDOC 35
- Point motion along nesting level ZMACS 54

Point Motion Among Top-Level Expressions ZMACS 55
Point motion between nesting levels ZMACS 54
point mouse click ZMACS 49
point mouse click ZMACS 49
point numbers RN 1
Point on the 3600 3600 15
Point on the LM-2 3600 15
:point window-positioning mode WINDOC 82
Point) TOOLS 55
Point) TOOLS 35
Point-pdl ZMACS 75
Pointer PRIM 85
pointer 3600 23
pointer 3600 23
pointer ARR 4, 12
pointer COND 16
pointer PRIM 29, INT 12
pointer MAC 35
Returning a locative
pointer INT 20
Subr
pointer PRIM 1
Destroying
pointer field INT 19
Extracting
pointer field INT 19
%pointer function 3600 21, INT 14
Pointer Manipulation INT 13
%pointer-difference function INT 14
%pointer-lessp function 3600 24
%pointer-type-p function 3600 24, INT 35
The sys:%pointerp and sys:
%pointer-type-p Subprimitives INT 34
The sys:
%pointerp and sys:%pointer-type-p
Subprimitives INT 34
sys:
%pointerp function 3600 24, INT 35
Pointers INT 17
pointers ZMACS 74
Conses represented as
pointers PRIM 29
Invisible
pointers INT 9
Clear all
points FED 29
Restart
points COND 1
[Clear
Points] Font Editor draw mode menu item FED 11
[Flip
Points] Font Editor draw mode menu item FED 11
[Set
Points] Font Editor draw mode menu item FED 11
Poking Around in the Lisp World MISC 1
System Source
Policy TAPE 10
chaos:send-unc-pkt automatically returns the packet to the free
pool RN 108
The Packet
Pool PROT 63
Free
pool of packets PROT 69
Yank
Pop ZMACS 64
Yank
Pop (m-Y) TOOLS 57
%pop function INT 22
POP instruction INT 40, 49, 52
pop macro MAC 38
Set
Pop Mark ZMACS 76
Set
Pop Mark (c-SPACE) TOOLS 55
c-SPACE (Set
Pop Mark) TOOLS 55
Push
Pop Point Explicit (m-SPACE) TOOLS 55
m-SPACE (Push
Pop Point Explicit) TOOLS 55
m-Y (Yank
Pop) TOOLS 57
Basic and Mixin
Pop-up and Momentary Menus MENUS 20
Instantiable
Pop-up and Momentary Menus MENUS 21
Pop-up menus MENUS 2, 19, 35
Momentary and
Pop-up Menus MENUS 19
:pop-up value of zwei:*converse-mode*
variable CONV 7
tv:
pop-up-menu Example MENUS 26
tv:
pop-up-menu flavor MENUS 21
tv:
pop-up-multiple-menu-choose-menu
flavor MENUS 49

- tv:** **pop-up-multiple-menu-choose-resource**
 resource MENUS 48
- General Purpose I/O Port NETIO 109
 Serial I/O Port NETIO 109
 Serial I/O Port Troubleshooting NETIO 30
 Ports NETIO 68
- Based on Position ZMAILC 17
 Cursor position WINDOC 19, 23, 27, 63
 Default column position ZMACS 57
 Jump to Saved Position ZMACS 78
 Mouse position WINDOC 71, WINDEX 59
 Save Position ZMACS 78
- Selecting messages based on position ZMAILT 53, ZMAILC 17
 Jump To Saved Position (c-X J) TOOLS 55
 Jump to Saved Position (c-X J) Zmacs command RN 127
 Save Position (c-X S) TOOLS 55
 Extract position field of a byte-specifier RN 50, PRIM 80
:position init option for **tv:menu** MENUS 99
:position init option for **tv:sheet** WINDOC 78
- Window position init options WINDOC 77
:verify option for window size and position messages WINDOC 77
 Cursor position messages WINDOC 27, 29
nil option for window size and position messages WINDOC 77
 Window position messages WINDOC 77
:position method of **tv:sheet** WINDOC 81
 Position of blinkers WINDOC 63
 Position of window WINDOC 19
- c-X J (Jump To Saved Position) TOOLS 55
 c-X S (Save Position) TOOLS 55
- Positional parameters EVAL 11
 Positioning the Drawing FED 25
 Positioning Window Around Definition ZMACS 48
- Sizes and Positions WINDOC 77
 Testing for positive number PRIM 64
 Possibilities ZMACS 98
- Next Possibility ZMACS 98, 168
 Possibility Buffers ZMACS 98
:possible-medium-for-protocol message PROT 76
:possibly-qualified-string message PROT 29
 Post-step-endtest FLOW 51
 Power supplies NETIO 106
 Powering down NETIO 7
- Cold boot after powering up LMS 4
 Powering up a 3600 NETIO 2
 Powering up the 3600 LMS 4, NETIO 2
 Ppss PRIM 78
ppss slot DEFS 27
:pre-process-function list item keyword SCROLL 11
 Pre-step-endtest FLOW 51
 Predefined filters ZMAILC 8
 Predefined Paths FLOW 54
 Predefined universes ZMAILC 13
 Predefined Variable Types MENUS 59
 Predicate PRIM 3
:predicate option for **defstruct** DEFS 13
:predicate option for **defstruct-define-type** DEFS 32
- sort** predicate should return **nil** for equal elements RN 144
 Predicates PRIM 3, INT 52
- Numeric Predicates PRIM 64
 Predicates: Notes on the 3600 for LM-2 Users 3600 31
- New input editor options: **:no-input-save**, **:activation**, **:command**,
:preemptable RN 57
:preemptable option RN 43, 58, WINDOC 50, STR 49
:preemptable option for **:rubout-handler**

- message WINDOC 47, STR 46
- tv:** **preemptable-read-any-tyl-mixin** flavor RN 43
- Flavor **tv:** **preemptable-read-any-tyl-mixin** obsolete RN 43
- Preferred surface type FILE 17
- Preferred Way to Warm Boot or Halt LMS 34
- α prefix STR 3
- β prefix STR 3
- ϵ prefix STR 3
- λ prefix STR 3
- π prefix STR 3
- Set Fill Prefix ZMACS 83
- Prefix character commands ZMACS 5
- Prefix Commands ZMACS 35
- :prefix-intern-function** option for **defpackage** PKG 33
- :prefix-intern-function** option for **make-package** PKG 35
- :prefix-name** option for **defpackage** PKG 33
- :prefix-name** option for **make-package** PKG 35
- Prefixes ZMACS 32
- prefixes RN 92
- prefixes ZMACS 32
- prefixes ZMACS 35
- prefixes NETIO 79
- format** \ directives can have package
- Nullifying
- Online documentation for
- Symbol
- tv:** **prepare-sheet** special form WINDEX 60
- Prepend To File (m-X) Zmacs command ZMACS 112
- Prepending, and Inserting Text ZMACS 112
- Prerequisites SIG 1
- :preserve-dates** file-opening option STR 59
- PRESERVE-DATES QFILE OPEN option PROT 101
- :preset** method of **si:process** PROC 18
- Presetting a function PROC 1
- Presetting the stack group INT 1
- press files to Dover printer NETIO 67
- PRESS pathname type abbreviation FILE 44
- press** value of **format** printer attribute HARD 5
- press** value of **type** printer attribute HARD 5
- :press-fonts** HARD 10
- pretty-name** printer attribute HARD 5
- pretty-name:** host object attribute PROT 7
- pretty-name:** printer object attribute PROT 14
- pretty-name:** site object attribute PROT 15
- Pretty-printing STR 42
- previous address ZMAILT 47
- Previous Buffer ZMACS 105
- Select Default Previous Buffer ZMACS 105
- Select Previous Buffer (c-m-L) TOOLS 55
- Select Previous Buffer (c-m-L) Zmacs command RN 125
- c-m-L (Select Previous Buffer) TOOLS 55
- Previous frame COND 16
- Yanking previous input RN 22
- Displaying previous keystrokes ZMACS 36
- Previous Page ZMACS 24, 59
- Previous Point ZMACS 76
- Move to Previous Point ZMACS 76
- Move to Default Move To Previous Point (c-m-SPACE) TOOLS 55
- Move to Previous Point (m-X) Zmail command ZMAILT 54
- Move to Default Move To Previous Point (m-X) Zmail command ZMAILT 54
- c-m-SPACE (Move To Previous Point) TOOLS 55
- Previous Screen ZMACS 24, 48
- Return to previous window ZMACS 30
- Previously Undocumented Feature: Coroutine Streams RN 89
- Previously undocumented function: **clear-resource** RN 78
- Previously undocumented function: **describe-system** RN 94
- Previously undocumented function:

- fs:set-logical-pathname-host** RN 38
- Previously undocumented function:
 - string-compare** RN 81
- Previously undocumented functions: **tv:add-to-system-menu-programs-column**,
 - tv:add-to-system-menu-create-menu** RN 103
- Previously undocumented macro: **swapf** RN 82
- Previously undocumented reader macro: **#|** and **|#** RN 83
- Previously undocumented special form:
 - destructuring-bind** RN 77
- Previously undocumented variables: **sys:mouse-x-scale-array** and **sys:mouse-y-scale-array** (LM-2 only) RN 100
- [Previous] Zmail menu item **ZMAILT** 13, 53, 59, **ZMAILC** 17
- Primary mail file **ZMAILT** 11, 47
- Primary method type **FLAV** 49
- Primary methods **FLAV** 19, **TOOLS** 105, 110, 112
- Primary name of object **PROT** 29
- Primary namespace server **PROT** 21
- primary-name-server** keyword for terminal-f-argument attribute **PROT** 19
- primary-name-server**: namespace object attribute **PROT** 19
- Hash
 - primitive** **PRIM** 47
- element** primitive type **PROT** 30
- global-name** primitive type **PROT** 30
- name** primitive type **PROT** 30
- pair** primitive type **PROT** 30
- set** primitive type **PROT** 30
- token** primitive type **PROT** 30
- triple** primitive type **PROT** 30
- Primitive types **PROT** 30
- :primitive-item** message **WINDEX** 6
- :primitive-item** message
 - tv:basic-mouse-sensitive-items** **MENUS** 85
- :primitive-item** method of
 - tv:basic-mouse-sensitive-items** **WINDEX** 8
- Primitives for string operations 3600 1
- New
 - primitives replace **apply** and **lexpr-funcall** on arrays 3600 18
 - prin1** function **PRIM** 115
 - prin1** variable **MISCF** 8
 - prin1-then-space** function **PRIM** 115
 - princ** function **PRIM** 115, **PKG** 20
 - :princ** variable type **MENUS** 59
 - prinlength** variable **PRIM** 92
 - prinlevel** variable **PRIM** 92, **MENUS** 57
 - [Print after] menu item **TOOLS** 89
 - [Print before] menu item **TOOLS** 89
 - Print cardinal number **STR** 25
 - Print compiler warnings database **COMP** 13
 - [Print Disk Label] File System Maintenance menu item **SITE** 1
 - Print file **STR** 68
- Dired
 - Print File subcommand **HARD** 1
 - Print formats **PROT** 14
 - print** function **PRIM** 115, **FUNC** 36
 - [Print Herald] File System Maintenance menu item **SITE** 1
 - Print host status **NETIO** 91
- Ratios read in current **ibase** and
 - print in current **base** RN 19
 - Print in octal **STR** 25
 - :print** message **STR** 57
 - Print message Peek command **MISCU** 3
 - Print messages received **CONV** 3
 - Print Modifications (m-X) **TOOLS** 53

- Print name PRIM 1, 57
- The Print Name PRIM 57
- Symbol print names storage area STOR 5
- Print number as decimal integer STR 25
- Print number in exponential notation STR 25
- Print number in floating point STR 25, 39
- Formatted print of function definitions STR 42
- Print old Roman numeral STR 25
- :print** option for **defstruct** DEFS 13
- :print** option for **fs:complete-pathname** STR 81, FILE 24
- :print** option for **with-open-file** STR 59
- :print** option to **trace** TOOLS 89, DEBUG 20
- Print ordinal number STR 25
- Print queue RN 115
- Print roman numeral STR 25
- The **:read** and **:print** Stream Operations STR 57
- Print with slashification STR 25
- chaos:** **print-all-pkts** function NETIO 92
- time:** **print-brief-universal-time** function MISCUI 4
- print-compiler-warnings** function COMP 13
- chaos:** **print-conn** function NETIO 92
- time:** **print-current-date** function MISCUI 3
- time:** **print-current-time** function MISCUI 3
- time:** **print-date** function MISCUI 4
- si:** **print-disk-error-log** function MISC 5
- print-disk-label** function FILE 72, SIG 27, SITE 17
- print-disk-label** Service PROT 59
- print-error-mode** function 3600 27
- si:** **print-fep-file-system** function INT 84
- dbg:** **print-frame-locals** function COND 21
- dbg:** **print-function-and-args** function COND 20
- meter:** **print-functions-in-bucket** function RN 51, INT 86
- :as-if-band** option for **print-herald** RN 39
- :verbose** option for **print-herald** RN 39
- Change in arguments to **print-herald** RN 39
- print-herald** function RN 39, SIG 36, SITE 22
- time:** **print-interval-or-never** function MISCUI 6
- Show Hardcopy Status (m-X) replaces **chaos:** **print-lgp-queue** RN 115
- format:** **print-list** function STR 37
- si:** **print-list** function STR 57
- si:** **print-loaded-band** function SIG 43, SITE 19
- si:** **print-login-history** function MISC 5, SITE 22
- chaos:** **print-lpg-queue** function RN 115
- Symbol **print-name** quoter RN 17
- sys:** **print-not-readable** flavor COND 63
- New optional arguments to **print-notifications** RN 99
- print-notifications** function RN 99, MISC 5
- si:** **print-object** function STR 57
- si:** ***print-object-error-message*** variable COND 63
- :print-only** option for **make-system** MAINT 13
- chaos:** **print-pkt** function NETIO 92
- Print-Print consistency PKG 25
- Print-Read consistency PKG 25
- si:** **print-readably** variable PRIM 92
- :print-self** message PRIM 89, FLAV 19, 47
- :print-self** messages DEFS 23
- print-sends** function MISC 5, CONV 4
- print-spooler-options** host object attribute HARD 3
- print-spooler-options:** host object attribute PROT 8
- print-system-modifications** function MAINT 29
- si:** **print-system-status-warning** function SIG 37
- time:** **print-time** function MISCUI 3
- si:** **print-unibus-map** function NETIO 106
- time:** **print-universal-date** function MISCUI 4
- time:** **print-universal-time** function MISCUI 3
- Maximum number of list elements to be printed PRIM 92
- Printed representation PRIM 1, 89, PKG 1

- Printed representation of a bignum PRIM 89, 93
- Printed representation of a cons PRIM 89
- Printed representation of a fixnum PRIM 89, 93
- Printed representation of a flonum PRIM 89, 93
- Printed representation of a named structure PRIM 89
- Printed representation of a small-flonum PRIM 89, 93
- Printed representation of a string PRIM 89
- Control over printed representation of a structure DEFS 13
- Printed representation of a symbol PRIM 89, 93
- Printed representation of an entity PRIM 89
- Printed representation of an instance PRIM 89
- Printed representation of arrays PRIM 89
- Printed Representation of Symbols PKG 20
- Printed Representations COND 63
- Printed without slashification STR 25
- Printer PRIM 89
- printer HARD 7
- Errors inside Lisp printer COND 63
- Installing a Printer SIG 17
- Sending press files to Dover printer NETIO 67
- ascii** value of **format** printer attribute HARD 5
- ascii** value of **type** printer attribute HARD 5
- character-size** printer attribute HARD 5
- default-font** printer attribute HARD 5
- dplt-logo** printer attribute HARD 5
- dr11-c** value of **interface** printer attribute HARD 5
- font-widths-file** printer attribute HARD 5
- format** printer attribute HARD 5
- header-font** printer attribute HARD 5
- host** printer attribute HARD 5
- interface** printer attribute HARD 5
- interface-options** printer attribute HARD 5
- lgp** value of **format** printer attribute HARD 5
- lgp** value of **type** printer attribute HARD 5
- name** printer attribute HARD 5
- page-size** printer attribute HARD 5
- press** value of **format** printer attribute HARD 5
- press** value of **type** printer attribute HARD 5
- pretty-name** printer attribute HARD 5
- protocol** printer attribute HARD 5
- serial** value of **interface** printer attribute HARD 5
- site** printer attribute HARD 5
- type** printer attribute HARD 5
- xgp** value of **format** printer attribute HARD 5
- xgp** value of **type** printer attribute HARD 5
- Printer attributes PROT 13
- Changes to Readtable, Reader, and Default Printer for Common Lisp RN 16
- printer for screen copies HARD 7
- printer** host object attribute HARD 3
- Printer object PROT 2
- character-size:** printer object attribute PROT 15
- default-font:** printer object attribute PROT 15
- dplt-logo:** printer object attribute PROT 15
- font-widths-file:** printer object attribute PROT 15
- format:** printer object attribute PROT 14
- header-font:** printer object attribute PROT 15
- host:** printer object attribute PROT 14
- interface-options:** printer object attribute PROT 14
- interface:** printer object attribute PROT 14
- page-size:** printer object attribute PROT 15
- pretty-name:** printer object attribute PROT 14
- protocol:** printer object attribute PROT 14
- site:** printer object attribute PROT 13
- type:** printer object attribute PROT 13
- Printer Object Attributes HARD 5
- Printer Objects PROT 13
- Printer Produces PRIM 89
- Printer selection HARD 1
- What the

- Host Object Attributes Relating to
- Network Database Attributes Relating to
- Site Object Attributes Relating to
 - Specifying
- Minor Changes to Your Site: New Hosts, New
 - Reading and
- Depth of recursion of
 - Reading and
- :no-pointer** option to **si:**
- :typep** option to **si:**
- sys:**
- Negative
 - Sorting
- How to Choose Process
- New Zmacs command: Start
 - Start
- FILEPOS QFILE command byte size
 - Samefringe
 - Known
 - Known
 - Connection
 - Local Network
 - Login
 - Network connection
 - Remote Network
 - Zmail
 - Band compressing
 - Recovering
- printer:** host object attribute PROT 7
- Printers PROT 3
- Printers HARD 3
- Printers HARD 3
- Printers HARD 4
- printers HARD 1
- Printers, New Users SIG 21
- Printing Character Objects RN 19
- Printing closures FLAV 61
- Printing Dates and Times MISCUI 3
- Printing entities FLAV 61
- Printing garbage collector statistics STOR 9
- printing lists PRIM 89
- Printing messages ZMAILC 20
- Printing nested lists PRIM 92
- Printing or Changing the Label SIG 41
- Printing Pathnames FILE 6
- Printing Time Intervals MISCUI 5
- Printing Uninterned Symbols RN 19
- printing-random-object** PRIM 89
- printing-random-object** PRIM 89
- printing-random-object** macro PRIM 92
- [Print] menu item TOOLS 89
- priorities WINDOC 13
- Priority WINDOC 13
- priority WINDOC 13
- Priority Levels PROC 26
- :priority** method of **si:process** PROC 16
- :priority** option for **make-process** PROC 11
- :priority** option for **process-run-function** PROC 25
- :priority** option for **process-run-restartable-function** function PROC 25
- Priority ordering WINDOC 13
- Private Patch (m-X) RN 124
- Private Patch (m-X) Zmacs command RN 124, ZMACS 172, MAINT 34
- Private symbol PKG 5
- :probe** disk stream INT 69
- Probe file opening RN 24, STR 61
- :probe** option for **with-open-file** STR 59
- PROBE QFILE OPEN option PROT 98
- :probe** value of **open** option **:direction** RN 24, STR 61
- PROBE-DIRECTORY QFILE OPEN option PROT 101
- :probe-directory** value of **open** option **:direction** RN 24, STR 61
- :probe-link** value of **open** option **:direction** RN 24, STR 61
- probed** function STR 70
- Probing NETIO 50, 56
- problem PROT 111
- problem INT 7
- problem with **si:gc-reclaim-immediately** RN 148
- problem: **char-upcase** and **char-downcase** undefined for modified characters RN 145
- Problems COND 74
- Problems COND 73
- Problems COND 66
- problems COND 74
- Problems COND 74
- problems ZMAILT 24
- Problems During Dumping TAPE 18
- procedure SITE 23
- procedures LMS 8
- Procedures for Installing Release 5.0 SIG 5
- :proceed** can return **nil** COND 39
- :proceed** message COND 40
- :proceed** method COND 37, 40, TOOLS 124, 125,

Symbolics, Inc. March 1984

Get Common Property Lists process RN 143
 Keyboard process WINDOC 41
 Macro expansion in compiler process FUNC 10
 Mouse process WINDOC 67
 Mouse process communicating with user process WINDOC 41
 Permanent process PROC 11
 Receiver process NETIO 84
 Resetting a process PROC 1
 Screen Manager Background Process WINDOC 13
 Sending command to user process MENUS 29
 Server process NETIO 42
 Simple process PROC 21
 The User's Process and the Mouse Process MENUS 5
 User process NETIO 42
 The User's Process and the Mouse Process MENUS 5
 Process Attributes PROC 15
 Mouse process communicating with user process WINDOC 41
 si: process flavor PROC 21
 Process Flavors PROC 21
 Other Process Functions PROC 23
 :process init option for **tv:process-mixin** WINDEX 7, 8
 :process init option to **tv:process-mixin** TOOLS 120
 Process Messages PROC 15
 process name RN 148
 JNAME user process name NETIO 77
 UNAME user process name NETIO 77
 FUNCTION 2 W displays current process name in status line RN 148
 How to Choose Process Priority Levels PROC 26
 Process scheduler 3600 1
 Process state LMS 10
 Arrest process state ZMAILT 24
 Output Hold process state ZMAILT 24
 Screen process state LMS 10
 Wait Forever process state ZMAILT 24
 Process wait-function PROC 1
 Process Warm-boot Action PROC 25
 process-allow-schedule function PROC 3, 5
 si: **process-dequeue** function RN 71, PROC 10
 New functions: **si:make-process-queue, si:process-enqueue, si:process-dequeue, si:process-queue-locker, si:reset-process-queue** RN 71
 process-disable function PROC 23
 process-enable function PROC 23
 si: **process-enqueue** function RN 71, PROC 10
 New functions: **si:make-process-queue, si:process-enqueue, si:process-dequeue, si:process-queue-locker, si:reset-process-queue** RN 71
 process-initial-form function PROC 23
 process-initial-stack-group function PROC 23
 process-lock function PROC 9
 :process init option for **tv:process-mixin** WINDEX 7, 8
 :process init option to **tv:process-mixin** TOOLS 120
 tv: **process-mixin** flavor TOOLS 120, TOOLS 120, WINDEX 7, 8
 tv: **process-mixin** init options TOOLS
 process-name function PROC 23
 process-preset function PROC 23
 si: **process-queue-locker** function RN 71, PROC 10
 New functions: **si:make-process-queue, si:process-enqueue, si:process-dequeue, si:process-queue-locker, si:reset-process-queue** RN 71
 process-reset function PROC 23
 process-reset-and-enable function PROC 23
 process-run-function PROC 25
 process-run-function PROC 25
 process-run-function PROC 25
 :name option for
 :priority option for
 :quantum option for

- :restart-after-boot** option for
- :restart-after-reset** option for
- :warm-boot-action** option for
 - More information on

- :name** option for
- :priority** option for
- :quantum** option for
- :restart-after-boot** option for
- :restart-after-reset** option for
- :warm-boot-action** option for

- Change in argument to
- si:**
- si:**
- Active
- Background
- Channels attached to user
- Display status of active
- Foreground
- Interim Changes:
- Introduction:
- Names of
- Restarting
- Stopped
- Stopping
- MORE
- Text
- Zmail
- Front End
- Front-end
- General Information: Front-end
- Introduction: General Information: Front-end

- What the Printer
- [Filters (M)] Zmail
- [Universes (M)] Zmail

- [Filters]
- [Default]
- [Exit]
- [File options]
- [Filters]
- [Keywords]
- [Mail files]
- [Reset]
- [Universes]

- process-run-function** PROC 25
- process-run-function** PROC 25
- process-run-function** PROC 25
- process-run-function** PROC 25
- process-run-function** function PROC 12, 25
- process-run-restartable-function** function PROC 13, 25
- process-run-restartable-function** function PROC 25
- process-run-restartable-function** function PROC 25
- process-run-restartable-function** function PROC 25
- process-run-restartable-function** function PROC 25
- process-run-restartable-function** function PROC 25
- process-run-restartable-function** function PROC 25
- process-run-restartable-function** function PROC 12, 25
- process-sleep** function PROC 5
- process-stack-group** function PROC 23
- process-unlock** function PROC 9
- process-wait** function PROC 3, 4
- process-wait-argument-list** function PROC 23
- process-wait-function** function PROC 23
- process-wait-with-timeout** RN 95
- process-wait-with-timeout** function RN 95, PROC 5
- process-warm-boot-delayed-restart** function PROC 25
- process-warm-boot-restart** function PROC 25
- process-whostate** function PROC 24
- Processes TOOLS 120, 121, WINDEX 7
- processes PROC 1, 3
- processes ZMAILC 3, 4
- processes NETIO 43
- processes MISCU 3
- processes ZMAILC 3
- Processes PROC 25
- Processes PROC 1
- processes PROC 25
- processes PROC 18
- processes PROC 1
- processes PROC 18
- processing RN 113, 114, WINDOC 19, 23, 30
- processing ARR 25
- processing items ZMAILC 10
- Processor INT 68
- Processor NETIO 1
- Processor NETIO 1
- Processor NETIO 1
- Processor run bar INT 29
- Produces PRIM 89
- Profile mode ZMAILT 3, ZMAILC 7
- Profile Mode command ZMAILC 21
- Profile Mode command ZMAILC 21
- Profile mode display ZMAILC 7
- Profile mode filters ZMAILC 10
- Profile Mode menu ZMAILC 25
- Profile Mode menu item ZMAILC 7
- Profile Mode menu item ZMAILC 7
- Profile Mode menu item ZMAILC 28
- Profile Mode menu item ZMAILC 10, 12, 27
- Profile Mode menu item ZMAILC 25, 26, 27
- Profile Mode menu item ZMAILC 27, 28
- Profile Mode menu item ZMAILC 7
- Profile Mode menu item ZMAILC 13, 15
- Profile mode options ZMAILC 7
- [Profile] Zmail command ZMAILC 7
- [Profile] Zmail menu item ZMAILC 7
- prog** special form EVAL 25, FLOW 20, MAC 17, COMP 6
- prog** tags FLOW 15

- Compiler now warns about implicit
 - ATSIGN CHAOS
 - Chaosnet Network Control
 - compress**
 - File System Maintenance
 - Free Records: File System Maintenance
 - Mailer
 - Network Control
 - Reloader
 - Responsibilities of Your
 - Supdup
 - Telnet
 - Terminal
 - Write a breakpoint into a
 - New terminal
 - Displaying
 - Introduction: Window System
 - New Terminal
 - Goto-less
 - Object-oriented
 - MDL
 - Hardware
 - Zmail
 - CHASTA utility
 - Editing Lisp
 - ITS Implementation Server
 - ITS Implementation Utility
 - Loading Sync
 - Multipackage
 - Packages and Writing
 - Setting parameter options to
 - TOPS-20/TENEX Chaosnet utility
 - Tops-20/TENEX Implementation Server
 - Tops-20/TENEX Implementation Utility
 - Communication between
 - Adding an item to the
 - How
 - How
 - Writing
 - Invisible blocks in
 - Loop
 - Add
 - Adding
 - To:
- prog*** special form FLOW 22, COMP 6
- Prog-context Conflicts MAC 17
- prog1** special form EVAL 23
- prog2** special form EVAL 23
- :progn** method combination type FLAV 49
- progn** special form EVAL 22
- progn**s in **loops** RN 82
- program NETIO 75
- Program NETIO 41
- program SITE 22
- Program SITE 1
- Program SITE 13
- program ZMAILC 3, 5
- Program NETIO 34
- program SITE 10
- Program MENUS 30
- program LMS 35
- program LMS 35
- program RN 1
- program MISC F 7
- program (SELECT T) RN 114
- Program control FLOW 1
- Program counter (PC) metering RN 50
- program counters information RN 137
- Program Examples WINDEX 1
- Program partitioning FLAV 57
- Program SELECT T LMS 35
- Program source file STR 70
- Programmer-defined keywords DEFS 30
- Programmer-defined object types FLAV 5
- Programmer-defined operations FLAV 5
- programming FLOW 20
- programming FLAV 1
- programming environment FLOW 35
- Programming Information NETIO 70
- programming items ZMAILC 10
- programs NETIO 83
- Programs ZMACS 155
- Programs NETIO 79
- Programs NETIO 77
- Programs RN 135
- Programs PKG 53
- Programs PKG 13
- programs MENUS 66
- programs NETIO 83
- Programs NETIO 83
- Programs NETIO 83
- programs and input editor RN 63
- Programs Column MENUS 39
- Programs Examine Functions FUNC 22
- Programs Manipulate Definitions FUNC 16
- Programs That Use Magnetic Tape TAPE 1
- progs** and **dos** RN 78
- progv** special form EVAL 7, INT 22
- progrw** special form EVAL 8
- project**: user object attribute PROT 11
- prologue FLOW 35, 42
- prompt STR 52
- prompt RN 65
- prompt ZMAILT 8
- :prompt** option RN 23, WINDOC 48, STR 48
- :prompt** option for **:rubout-handler**
 - message WINDOC 47, STR 46
- :prompt** option to **tape:make-stream** TAPE 1
- Prompt pane FED 5
- Prompt string COND 37, 48
- Changes to input editor options **:do-not-echo**, **:pass-through**,
 - :prompt**, **:reprompt** RN 22

Symbolics, Inc. March 1984

- :no-eof** property PROT 82
- :not-backed-up** file property STR 79
- :raw** I/O buffer property WINDOC 41
- :reference-date** file property STR 79
- :reject-unless-trusted** property PROT 81
- :stream-options** property PROT 82
- :super-image** property WINDOC 41
- :truename** FEP file property INT 74
- :who-line** property PROT 81
- Adding a Type Keyword Property MENUS 69
- Answered message property ZMAILT 3, 35
- Badheader message property ZMAILT 3, 37
- compiler:style-checker** property RN 81
- Deleted property ZMAILC 18
- Deleted message property ZMAILT 3, 59
- Elements of the **tv:choose-variable-values-keyword** Property MENUS 70
- Filed message property ZMAILT 3
- Forwarded message property ZMAILT 3
- FREE-SPACE-DESCRIPTION file system property PROT 118
- Last message property ZMAILT 3
- named-structure-invoke** property DEFS 23
- net:network-type-flavor** property PROT 73
- Recent message property ZMAILT 3, 47
- Redistributed message property ZMAILT 3
- SETTABLE-PROPERTIES file system property PROT 118
- si:defstruct-description** property DEFS 5, 27
- tv:choose-variable-values-keyword** property MENUS 69
- Unseen message property ZMAILT 3, 47
- File property errors COND 70
- Property filters ZMAILC 8
- :property** function spec type FUNC 1
- Property list PRIM 1, 39
- property list PRIM 39
- property list PRIM 39
- property list WINDOC 41
- property list PRIM 39
- property list DEFS 7
- property list PRIM 39
- Property List PRIM 56
- Property list indicators PRIM 39
- Property list keywords PRIM 39
- Property List Messages FLAV 65
- Property list storage area STOR 5
- Property list values PRIM 39
- Property Lists PRIM 39
- property lists FILE 32
- property lists FUNC 1
- Property Lists process RN 143
- property names PRIM 56
- property names PRIM 56
- :property** option for **defstruct** DEFS 7, 27
- :property** option for **net:define-protocol** PROT 48
- property-alist** DEFS 27
- property-cell-location** function PRIM 57
- :property-list** init option for
 - si:property-list-mixin** FLAV 66
- :property-list** method of
 - si:property-list-mixin** FLAV 66
- :property-list** option for
 - tv:edit-namespace-object** PROT 19
- property-list-area** variable STOR 5
- property-list-mixin** FLAV 65
- property-list-mixin** FLAV 65
- property-list-mixin** FLAV 66
- property-list-mixin** FLAV 66
- property-list-mixin** FLAV 65
- property-list-mixin** FLAV 65
- property-list-mixin** FLAV 65
- property-list-mixin** FLAV 65
- property-list-mixin** FLAV 65
- :get** method of **si:**
- :getl** method of **si:**
- :property-list** init option for **si:**
- :property-list** method of **si:**
- :push-property** method of **si:**
- :putprop** method of **si:**
- :remprop** method of **si:**

- :set-property-list** method of **si:**
- si:**
- Unwind
- Arpanet Name/Finger
- arpanet** RFC 811
- Arpanet Time
- Chaosnet File Transfer
- Chaosnet RFC/ANS time
- EFTP
- Error-correcting
- FILE
- FINGER
- Hardware
- Internet
- MAIL
- NAME
- Namespace Timestamp
- Network Namespace
- PULSAR
- PUP
- PUP Byte Stream
- Selecting
- SEND
- STATUS
- Supdup
- System 3600 EIA RS-232
- Telnet
- TIME
- Transmission Control
- User Datagram
- Chaosnet File
- Introduction: Chaosnet File
- XON/XOFF**
- MAIL
- Software
- Software
- Arpanet Telnet and Supdup
- Connection-initiation
- Defined Services and
- Defining
- Generic
- Hardware
- Higher-level
- Implementing
- Nongeneric
- Server functions for datagram
- Status
- Using Foreign
- neti:**
- prune-namespace-changes-file** function PROT 25
- Pruning header fields ZMAILC 19
- psetq** special form EVAL 5
- pseudo terminal NETIO 75
- Pseudo-steps FLOW 51
- property-list-mixin** FLAV 66
- property-list-mixin** flavor FLAV 65
- Protecting Files ZMACS 139
- protection FLOW 25
- Protection-violation errors COND 68
- Protocol PROT 36
- protocol NETIO 65
- protocol PROT 25
- protocol NETIO 65
- Protocol PROT 85
- protocol PROT 48
- protocol NETIO 67
- protocol PROT 42
- protocol NETIO 64
- protocol NETIO 65
- Protocol NETIO 34
- protocol NETIO 68
- protocol NETIO 64
- protocol NETIO 65
- Protocol PROT 34
- Protocol PROT 32
- protocol NETIO 63
- protocol NETIO 68
- Protocol PROT 42
- protocol PROT 36
- protocol NETIO 65
- protocol NETIO 58, 61
- protocol NETIO 63
- protocol NETIO 23
- protocol NETIO 63
- protocol NETIO 58, 65
- Protocol NETIO 68, PROT 42
- Protocol NETIO 68
- Protocol (QFILE) PROT 85
- Protocol (QFILE) PROT 85
- Protocol for Proceeding COND 37
- protocol** global-name to **spooled-printer** HARD 3
- protocol parameters NETIO 27
- protocol** printer attribute HARD 5
- protocol reply NETIO 64
- Protocol--details NETIO 53
- Protocol--world View NETIO 41
- :protocol-address** message PROT 72
- :protocol-supported** message PROT 71
- Protocol-translating gateway NETIO 68
- protocol:** printer object attribute PROT 14
- protocols NETIO 63
- protocols NETIO 53
- Protocols PROT 54
- Protocols PROT 48
- protocols PROT 42
- Protocols NETIO 37
- Protocols NETIO 61
- protocols PROT 50
- protocols PROT 42
- protocols PROT 82
- Protocols NETIO 61
- Protocols and Services PROT 36
- Protocols in Chaosnet NETIO 68
- Protocols supported by host PROT 8
- [Prune systems] Choice Boxes menu item TAPE 17
- [Prune Yanked Headers] Editor menu item ZMAILT 47

:pseudonet medium PROT 42
pseudonet-gateway Service PROT 59
 Defining a Pseudosystem TAPE 19
 Pseudosystems TAPE 9
 Assign PSI interrupt channels NETIO 81
 Pulsar NETIO 63
 PULSAR protocol NETIO 63
 PUP Byte Stream Protocol PROT 42
 Xerox 3-MB Ethernet PUP network PROT 12
pup network type PROT 12
 PUP protocol NETIO 68
:pup-bsp connection PROT 42
:pup-datagram connection PROT 42
 General Purpose I/O Port NETIO 109
 Purpose of functions MAC 1
 Purpose of the Window System WINDOC 1
 Purpose of This Document WINDOC 1
 General Purpose Stream Operations STR 9
 Special Purpose Stream Operations STR 15
%push function INT 22
push macro MAC 38
 m-SPACE Push Pop Point Explicit (m-SPACE) TOOLS 55
 (Push Pop Point Explicit) TOOLS 55
 Push-down List INT 37
 PUSH-E instruction INT 44
:push-property method of
 si:property-list-mixin FLAV 65
 Put keyboard character in output STR 25
:put method of **si:serial-stream** NETIO 26
 Put Register ZMACS 78
 Put Register (c-X X) TOOLS 58
 c-X X (Put Register) TOOLS 58
:put-hash message PRIM 45
puthash function PRIM 46
puthash-equal function PRIM 46
putprop function PRIM 41, FLAV 3, 65
:putprop method of **fs:pathname** FILE 38
:putprop method of **si:property-list-mixin** FLAV 65
sys:dump-forms-to-file always puts package attribute into binary file RN 82
 Putting Data in Compiled Code Files COMP 25
 New Function for Putting Data in Compiled Code Files 3600 32

Q

Q

Q

Q INT 18
 Changes to FUNCTION C, FUNCTION M, and FUNCTION
 Q RN 113
 FUNCTION Q HARD 7
 FUNCTION Q command RN 113
 NETWORK Q command RN 114
 Q Dired command ZMACS 134
 Q Font Editor command FED 30
 Q Peek command MISCU 3
 FUNCTION Q screen copy command HARD 1
 c-X Q Zmacs command ZMACS 185
 Q Zmail command ZMAILT 17
%%q-all-but-cdr-code variable INT 21
%%q-all-but-pointer variable INT 21
%%q-all-but-typed-pointer variable INT 21
%%q-cdr-code variable INT 20
%%q-data-type variable INT 20
q-data-types variable 3600 20
%%q-fixnum variable 3600 21
%%q-flag-bit variable 3600 21, INT 20
%%q-high-half variable 3600 21, INT 21
%%q-high-type variable 3600 21
%%q-low-half variable 3600 21, INT 21

- %%q-pointer variable 3600 21, INT 20
 - %%q-pointer-within-page variable INT 20
 - %%q-typed-pointer variable INT 20
 - :qbin canonical type RN 34, FILE 54
 - QBIN file type COMP 1
 - qc-file function 3600 13, 27
 - qc-file-load function 3600 13, 27
 - QFASL files FED 27
 - QFASL files STR 72
 - QFASL pathname type abbreviation FILE 44
 - QFILE PROT 85
 - QFILE PROT 88
 - QFILE PROT 87
 - QFILE PROT 87
 - QFILE PROT 87
 - QFILE PROT 87
 - QFILE PROT 87
 - QFILE PROT 109
 - QFILE active channel PROT 86
 - QFILE Asynchronous Marks PROT 124
 - QFILE binding PROT 87
 - QFILE CLOSE and Synchronous Marks PROT 108
 - QFILE close-abort PROT 87
 - QFILE command PROT 85
 - QFILE command PROT 122
 - QFILE command PROT 87, 107, 108
 - QFILE command PROT 123
 - QFILE command PROT 113
 - QFILE command PROT 114
 - QFILE command PROT 114
 - QFILE command PROT 95
 - QFILE command PROT 111
 - QFILE command PROT 117
 - QFILE command PROT 114
 - QFILE command PROT 110
 - QFILE command PROT 110
 - QFILE command PROT 116
 - QFILE command PROT 87, 96
 - QFILE command PROT 121
 - QFILE command PROT 112
 - QFILE command PROT 115
 - QFILE command PROT 96
 - QFILE Command and Response Format PROT 90
 - QFILE command byte size problem PROT 111
 - QFILE Command Descriptions PROT 95
 - QFILE connection PROT 85
 - QFILE control connection PROT 85
 - QFILE data channel PROT 86
 - QFILE data connection PROT 86
 - QFILE DIRECTORY Data Format PROT 118
 - QFILE DIRECTORY option PROT 120
 - QFILE DIRECTORY option PROT 120
 - QFILE DIRECTORY option PROT 120
 - QFILE DIRECTORY option PROT 120
 - QFILE DIRECTORY Options PROT 120
 - QFILE EOF PROT 87
 - QFILE Error Codes PROT 124, 125
 - QFILE Error Responses PROT 123
 - QFILE Errors and Asynchronous Marks PROT 123
 - QFILE file handle PROT 87
 - QFILE File Transfer Philosophy PROT 86
 - QFILE free channel PROT 86
 - QFILE mark PROT 86
 - QFILE Marks and EOF Packets PROT 94
 - QFILE NORMAL character set translation mode PROT 88
 - QFILE OPEN option PROT 98
 - QFILE OPEN option PROT 99
 - QFILE OPEN option PROT 98
- Loading
- Character Set Translation in
- Ending the Transfer with
- Opening a File with
- Transferring Data with
- Waiting for Acknowledgement of the EOF Packet on Writing with
- CHANGE-PROPERTIES
- CLOSE
- COMPLETE
- CONTINUE
- CREATE-DIRECTORY
- CREATE-LINK
- DATA-CONNECTION
- DELETE
- DIRECTORY
- EXPUNGE
- FILEPOS
- FINISH
- LOGIN
- OPEN
- PROPERTIES
- RENAME
- SET-FILE-SYSTEM
- UNDATA-CONNECTION
- FILEPOS
- DELETED
- DIRECTORIES-ONLY
- FAST
- NO-EXTRA-INTO
- BINARY
- BYTE-SIZE
- CHARACTER

| | | |
|--------------------------------------|--|---------------------------|
| DEFAULT | QFILE OPEN option | PROT 99 |
| DELETED | QFILE OPEN option | PROT 100 |
| ESTIMATED-LENGTH | QFILE OPEN option | PROT 102 |
| IF-DOES-NOT-EXIST | QFILE OPEN option | PROT 104 |
| IF-EXISTS | QFILE OPEN option | PROT 102 |
| INHIBIT-LINKS | QFILE OPEN option | PROT 101 |
| PRESERVE-DATES | QFILE OPEN option | PROT 101 |
| PROBE | QFILE OPEN option | PROT 98 |
| PROBE-DIRECTORY | QFILE OPEN option | PROT 101 |
| RAW | QFILE OPEN option | PROT 100 |
| READ | QFILE OPEN option | PROT 97 |
| SUBMIT | QFILE OPEN option | PROT 102 |
| SUPER | QFILE OPEN option | PROT 100 |
| TEMPORARY | QFILE OPEN option | PROT 101 |
| WRITE | QFILE OPEN option | PROT 98 |
| IF-EXISTS | QFILE OPEN option values | PROT 103 |
| | QFILE OPEN options | PROT 88, 97 |
| | QFILE OPEN Response Result Values | PROT 104 |
| | QFILE open stream | PROT 86 |
| | QFILE packet | PROT 85 |
| | QFILE Packet Data Contents | PROT 91 |
| | QFILE Packet Opcodes | PROT 91 |
| | QFILE packet types | PROT 94 |
| | QFILE parcel | PROT 85 |
| | QFILE RAW character set translation mode | PROT 90 |
| | QFILE response | PROT 85 |
| | QFILE return value | PROT 85 |
| | QFILE String Values | PROT 92 |
| | QFILE SUPER-IMAGE character set translation mode | PROT 90 |
| | QFILE synchronization check | PROT 99 |
| | QFILE synchronous marks | PROT 108 |
| | QFILE Syntax | PROT 92 |
| | QFILE TID | PROT 85 |
| CMD | QFILE token | PROT 93 |
| FH | QFILE token | PROT 93 |
| TID | QFILE token | PROT 93 |
| | QFILE Tokens | PROT 92 |
| | QFILE transaction identifier | PROT 85 |
| | QFILE unbinding | PROT 87 |
| | QFILE user-server dialogue | PROT 85 |
| Chaosnet File Protocol | (QFILE) PROT 85 | |
| Introduction: Chaosnet File Protocol | (QFILE) PROT 85 | |
| | qreply function | CONV 4 |
| | qsend function | CONV 3, MISCU 2 |
| | zwei: qsends-off | CONV 4 |
| | zwei: qsends-off function | CONV 4 |
| | zwei: qsends-on | CONV 4 |
| | zwei: qsends-on function | CONV 4 |
| | Quad-high I/O interface boards | NETIO 106 |
| | Quadruple Numeric Arg | ZMACS 22 |
| | Qualified name | PROT 3 |
| | Qualified Names | PKG 19, 23 |
| Forms of Multilevel | qualified names | PKG 20 |
| | Qualified Names | PKG 21 |
| | Qualified Names as Interfaces | PKG 20 |
| | :qualified-string message | PROT 29 |
| #: package | qualifier | PKG 19 |
| : package | qualifier | PKG 19, 33, 35 |
| :: package | qualifier | PKG 33, 35 |
| | :quantum method of si:process | PROC 16 |
| | :quantum option for make-process | PROC 11 |
| | :quantum option for process-run-function | PROC 25 |
| | :quantum option for process-run-restartable-function | function function PROC 25 |
| | :quantum-remaining method of si:process | PROC |

16

Kbd Macro
 Major-mode-setting Commands Now
 Tags
 Atom
 Multiple
 Tags
 Tags Multiple
 Multiple
 m-%
 si:
 Disk Format Command Asks Different
 Yes-or-no
 Lock
 Pending-RFC
 Print
 Unlock
 c-sh-A
 Notation Conventions
 c-Z
 Single
 Single
 Character
 String
 Symbol print-name
 Double

Queries to network database PROT 32
 Query ZMACS 185
 Query About Updating File Attribute List RN 126
 Query option to Tape when done dump
 parameter SITE 5
 Query Replace ZMACS 90
 Query Replace (m-%) TOOLS 54
 Query Replace (m-X) TOOLS 54
 Query Replace (m-X) Zmacs command ZMACS 90
 Query Replace (m-X) Zmacs command ZMACS 93
 Query Replace (m-X) Zmacs command ZMACS 91
 Query Replace (m-X) Zmacs command ZMACS 95
 Query Replace (m-X) Zmacs command ZMACS 96
 Query Replace From Buffer (m-X) Zmacs
 command ZMACS 92
 Query Replace Last Kill (m-X) Zmacs
 command ZMACS 92
 Query Replace Let Binding (m-X) Zmacs
 command ZMACS 92
 (Query Replace) TOOLS 54
query-io variable TOOLS 128, 129, STR 18
query-type variable MAINT 21
 Querying the User MISCUI 9
 Question RN 134
 question MISCUI 9
 queue RN 71, PROC 10
 queue NETIO 79
 queue RN 115
 queue RN 71, PROC 10
 Quick Arglist ZMACS 37
 Quick Arglist (c-sh-A) TOOLS 39
 (Quick Arglist) TOOLS 39
 Quick Reference NOTA 7
 Quit (c-Z) TOOLS 76
 (Quit) TOOLS 76
 [QUIT] File System Maintenance menu item SITE 1
 [Quit] Peek menu item MISCUI 3
 [Quit] Save-Exit menu item ZMAILT 17
 [Quit] Zmail menu item ZMAILT 17
***quo** function 3600 27, PRIM 74
 quotation mark NOTA 1
quote PRIM 103
 quote (') EVAL 19
 Quote (') macro character PRIM 98
 QUOTE key RN 116, 3600 3
"e keyword FUNC 7
"e lambda-list keyword FUNC 14
quote special form EVAL 19
 quoter RN 17
 quoter RN 17
 quoter RN 17
 quotes PROT 21
quotient function PRIM 70
 Quoting PROT 21
 Quoting characters PRIM 89
 QWABL pathname type abbreviation FILE 44

R

R

R

R Dired command ZMACS 137
 R Fed command RN 113
 R WIN window size for incoming half of this
 connection NETIO 77
 R Zmail command ZMAILT 35, 44
 (R)] ZMACS 44
 (R)] Zmail command ZMAILC 20

- [Select (R)] Zmail command ZMAILC 27
- [Move (R)] Zmail menu item ZMAILC 20
- R2:System menu mouse click ZMACS 50
- R:Menu mouse click ZMACS 50
- Radians in trigonometric functions PRIM 74, 75
- Radix PRIM 90
- Fixnum radix PRIM 94
- Specifying radix PRIM 99, STR 25, 38
- Radix 16 PRIM 99
- Radix 8 PRIM 99
- Radix numbers NOTA 1
- Ramifications of Host Colon Change for Babyl Files RN 129
- Keyboard as random access device WINDOC 75
- random function PRIM 81
- Seed for random number generator PRIM 80
- Random Numbers PRIM 80
- :random returned by **typep** PRIM 5
- Random-array PRIM 80
- sl: random-create-array function PRIM 81
- sl: random-initialize function PRIM 81
- meter: range-of-bucket function RN 52, INT 86
- rass function PRIM 38
- rassoc function PRIM 38
- rassq function PRIM 38
- Raster height WINDOC 59, 62
- Raster width WINDOC 59, 62
- Blink rate WINDOC 63
- Read rational number in binary RN 18, PRIM 101
- Ratios read in current **ibase** and print in current **base** RN 19
- Raw case in pathnames FILE 12
- Raw case representation FILE 12
- QFILE RAW character set translation mode PROT 90
- :raw I/O buffer property WINDOC 41
- :raw option for **with-open-file** STR 59
- Raw pathname component case FILE 12
- RAW QFILE OPEN option PROT 100
- :raw-device message FILE 12
- :raw-device method of **fs:pathname** FILE 33
- :raw-directory message FILE 12
- :raw-directory method of **fs:pathname** FILE 33
- :raw-name message FILE 12
- :raw-name method of **fs:pathname** FILE 33
- :raw-type message FILE 12
- :raw-type method of **fs:pathname** FILE 33
- RCHST system call NETIO 75
- Disk read INT 61
- New optional argument to read RN 61
- The :read and :print Stream Operations STR 57
- How to Read Assembly Language (LM-2) INT 37
- Introduction: How to Read Assembly Language (LM-2) INT 37
- Read Buffer register NETIO 70
- [Read File] Font Editor menu item RN 113, FED 27, 30
- Number of extra pages to be read from disk 3600 29
- m-SUSPEND selects frame with **break** read function RN 61, PRIM 29, 89, 110, STR 57
- read function for Debugger RN 116
- Read function interpretation of conses PRIM 93
- Read function interpretation of numbers PRIM 93
- Read function interpretation of strings PRIM 93
- Read function of symbols PRIM 93
- Syntax errors in read functions RN 23
- Ratios read in current **ibase** and print in current **base** RN 19
- :read message STR 57
- :read operation STR 57
- :read option for **fs:complete-pathname** STR 81,

- FILE 24
- Streams that
- :read** option for **with-open-file** STR 59
 - read or write magnetic tape TAPE 1
 - :read** output format style RN 21, STR 39
 - Read past the end-of-file error COND 56
 - READ QFILE OPEN option PROT 97
 - Read rational number in binary RN 18, PRIM 101
- New methods of **tv:stream-mixin**: **:start-timeout**, **:finish-timeout**, **:rescanning-p**, **:force-rescan**, **:replace-input**,
- :read-bp** RN 63
 - :read-bp** method of **tv:stream-mixin** RN 65, WINDOC 51
- sys:** **%read-compare-enables** variable INT 29
- :read-cursorpos** message STR 16
 - :read-cursorpos** method of **tv:blinker** WINDOC 65
 - :read-cursorpos** method of **tv:sheet** WINDOC 27
- New variable: **cl:** ***read-default-float-format*** RN 17
- cl:** ***read-default-float-format*** variable RN 17, PRIM 95
- New function:
- read-delimited-string** RN 60
 - read-delimited-string** function RN 60, PRIM 112
 - sys:** **read-end-of-file** flavor COND 63
 - sys:** **read-error** flavor COND 63
 - Read-eval-print loop MISCF 7, 8
 - si:** ***read-extended-lbase-signed-number*** variable RN 20, PRIM 97
 - si:** ***read-extended-lbase-unsigned-number*** variable RN 19, PRIM 96
 - si:** **read-fep-label** function INT 83
 - read-for-top-level** function PRIM 110
 - :read-frame** method of **si:serial-hdlc-mixin** RN 111, NETIO 32
- New optional arguments to
- read-from-string** RN 84
 - read-from-string** function RN 84, PRIM 113
 - :read-input-buffer** message STR 17
 - time:** **read-interval-or-never** function MISCUI 6
 - sys:** **read-list-end-of-file** flavor COND 63
 - Read-locked INT 74
 - read-meter** function 3600 27, INT 30
 - si:** ***read-multi-dot-tokens-as-symbols*** variable PRIM 98
 - netl:** **read-nic-host-table** function PROT 25
 - netl:** **read-object-file-and-update** function PROT 25
 - Read-only error COND 57
 - :read-only** option for **make-area** 3600 29, STOR 2
- New function: **si:** **read-or-end** RN 62
- read-or-end** function RN 62, PRIM 110
 - chaos:** **read-pkts** function NETIO 91
 - :read-pointer** message STR 17
 - read-preserve-delimiters** variable PRIM 110
 - Read-Read consistency PKG 25
- New function to be called by reader macros: **si:** **read-recursive** RN 83
- si:** **read-recursive** function RN 83, PRIM 99
 - sys:** **read-string-end-of-file** flavor COND 64
 - Read-time conditionalization facility PRIM 99
 - [Read/Create file] Zmail Select menu item ZMAILC 27
 - readch** function PRIM 113
 - Reader PRIM 89, 93
- Comments for Lisp
- Lisp
- What the
- Reader Accepts PRIM 93
 - Reader Accepts Common Lisp Floating Point Exponents RN 17
 - #B** reader macro RN 18, PRIM 101
 - New reader macro: **#B** RN 18
 - Previously undocumented reader macro: **#|** and **|#** RN 83
 - #** reader macros PRIM 99

- Number-sign introducing Sharp sign
- New function to be called by Changes to Readtable,
 - reader macros NOTA 1
 - reader macros PRIM 99
 - reader macros: **si:read-recursive** RN 83
 - Reader, and Printer for Common Lisp RN 16
 - readfile** function STR 71
 - :readfile** transformation MAINT 7
 - Reading a Message ZMAILT 12
 - Reading a UNIBUS location NETIO 107
 - Reading Ambiguous Tokens RN 19
 - Reading an Xbus location NETIO 107
 - Reading and Printing Character Objects RN 19
 - Reading and Printing Time Intervals MISCUI 5
 - Reading characters from an input stream STR 12
 - Reading characters from the keyboard WINDOC 19, 41
 - Reading Dates and Times MISCUI 4
 - Reading font files FED 27
 - Reading from streams RN 65, STR 52
 - Reading function to use input editor RN 59, STR 80
 - Reading Mail ZMAILT 47
 - Reading Mail ZMAILT 31
 - Reading mouse clicks SCROLL 9
 - Reading octal character codes PRIM 93
 - Reading serial I/O parameters NETIO 25
 - Reading Your Mail ZMAILT 11
 - readline** and **readline-trim** return additional values RN 62
 - readline** function RN 62, PRIM 111
 - readline-or-nil** RN 63
 - readline-or-nil** function RN 63, PRIM 112
 - readline-trim** function RN 62, PRIM 111
 - readline-trim** return additional values RN 62
 - readlist** function PRIM 114
 - Readtable PRIM 104
 - readtable RN 83, PRIM 99
 - readtable PRIM 104
 - Readtable PRIM 104
 - readtable** variable MISCF 7, PRIM 104, MENUS 57
 - Readtable, Reader, and Printer for Common Lisp RN 16
 - Readtables ARR 23
 - Ready to be exposed WINDOC 6
 - Real Line ZMACS 23, 56, 136
 - Real Line ZMACS 23, 56, 136
 - Real-time tracking of the mouse 3600 1
 - Reallocating windows WINDEX 56
 - Reap File (m-X) Zmacs command ZMACS 122
 - reap file flag FSED 5
 - Reap Flag ZMACS 139
 - Reaping ZMACS 139
 - Rearranging mail sequence commands ZMAILC 21
 - *rearray** Maclisp function ARR 23
 - reason NETIO 90
 - reason NETIO 90
 - reason NETIO 90
 - reasons PROC 1
 - reasons PROC 1
 - Reasons PROC 17
 - Receipt NETIO 50
 - Receive a packet NETIO 81
 - receive direction NETIO 95
 - Receive Done bit NETIO 70
 - Receive Interrupt Enable bit NETIO 70
 - Receive window size NETIO 75, 81
 - receive window size NETIO 81
 - receive-band** function SIG 30, SITE 24
 - :receive-packet** message PROT 77
 - received CONV 3
- What to Do After
 - New Rules for
- Sending and
 - Down
 - Up
- New function:
 - readline** and
- Common Lisp Manipulating the The
 - Changes to
- \$ character, do not Dired Complement No
- :change-of-state interrupt
 - :input interrupt
 - :output interrupt
 - Arrest
 - Run
 - Run and Arrest
- Window size in the
 - Set the
 - si:**
- Print messages

- Error message from a
 RFC
 ACK number of
 Clear
- received CLS or LOS packet NETIO 81
 Received connection state NETIO 60, 87
 received packets to be acknowledged NETIO 77
 Receiver bit NETIO 70
 Receiver process NETIO 84
 Receiving blips RN 40
 Receiving mouse clicks RN 40
 Recent message property ZMAILT 3, 47
 Recenter Window ZMACS 47
 Recently Seen Messages ZMAILC 18
- Based on the Stack of
 Packet
 Bug mail
 Message
 Reply
 Special Characters
- Reception PROT 76
 recipients ZMAILT 33
 recipients ZMAILT 3, 8, 31, 41
 recipients ZMAILT 35
 Recognized by the Inspector MISCT 4
 Recognizing instances of a structure DEFS 13
 Recommendation X.25 interface PROT 12
:recompile option for **make-system** MAINT 13
recompile-flavor function FLAV 30
- Class definition
 Free
 Eliminate
- record for **host** PROT 30
 Record Format PROT 21
 record map SITE 13
 record of changes PROT 25
:record-length option to **tape:make-stream** TAPE 1
 Record-mode Connections NETIO 99
record-source-file-name FUNC 18
record-source-file-name function RN 147, FUNC 17
record-source-file-name instead of (**remprop**
symbol **:source-file-name**) RN 147
:record-status message to input tape streams TAPE
 4
- Lost
 Structured
- records SITE 13
 records PRIM 32
 Records in use SITE 13
 Records: File System Maintenance Program SITE 13
 Records] File System Maintenance menu item SITE
 1
- [Check
 Records] Maintenance Operations menu item SITE 1
 Recovering LMS 8
 Recovering from Errors and Stuck States LMS 8
 Recovering From Stuck States LMS 41
 Recovering From Stuck States ZMAILT 23
 Recovering procedures LMS 8
- FUNCTION Key:
 Help and
- recovery INT 60
 recovery ZMACS 32
- Automatic error
 Error
- Recovery and Xon/Xoff Character Setting RN 109
:rectangle window-positioning mode WINDOC 82
rectangular-blinker WINDOC 66, WINDEX 19
rectangular-blinker WINDOC 66
rectangular-blinker flavor WINDOC 66
- Changes to Serial I/O: Parity
- :set-size** method of **tv**:
:width init option for **tv**:
tv:
- Recursion FLOW 1
 Recursion in Bound and Default Handlers
 Eliminated RN 97
- Depth of
 Enter mail mode
- recursion of printing lists PRIM 89
 recursively ZMAILT 47
 [Recycled collection] Move menu item ZMAILC 28
 [Recycled temporary] Move menu item ZMAILC 28
 Redefining functions RN 147, FUNC 17
- Illegal
sys:
- redefinition error COND 58
redefinition flavor COND 58
:redirect-screen-array message to screens RN 79,
 WINDOC 9
 Redisplay ZMACS 47, SCROLL 1
:redisplay message SCROLL 3
:redisplay method of
tv:basic-scroll-window SCROLL 3
:redisplay-variable message
tv:choose-variable-values-window MENUS

- 76
- Redisplaying the Window ZMACS 47
 - Redistribute Msg (m-X) Zmail command ZMAILT 31
 - Redistribute the current message ZMAILT 31
 - Redistributed message property ZMAILT 3
 - Redistributed- header fields RN 130
 - Redistributed-by field ZMAILT 37
 - Redistributed-date field ZMAILT 37
 - Redistributed-to field ZMAILT 37
 - [Redistribute] Mail menu item ZMAILT 31, ZMAILC 20
 - [Redistribute] Map over menu item ZMAILC 30
 - Redistributing ZMAILC 20
 - Redistributing messages ZMAILC 20, 30
 - Redo (m-X) ZMAILT 29
 - :redo option for **add-initialization** INT 1
 - *redo-all*** variable MAINT 21
 - Redraw menu MENUS 101
 - Reducing disk latency INT 79
 - Reel ID dump parameter SITE 5
 - :reel option to **tape:make-stream** TAPE 1
 - reel tape files NETIO 7
 - reentrant COMP 3
 - Reexecuting yanked forms INED 15
 - :ref option for **defstruct-define-type** DEFS 29, 30
 - ref-macro-name** slot DEFS 27
 - Reference COND 49
 - reference EVAL 3
 - Reference NOTA 7
 - Reference commands ZMAILC 21
 - Reference Information ZMAILC 33
 - Reference Manual ZMAILT 33
 - Reference Manual ZMAILT 6
 - Reference Manual ZMAILT 11
 - Reference Manual ZMAILT 11
 - Reference Manual ZMAILT 1
 - Reference Manuals ZMAILT 23
 - Reference material LMS 7
 - reference material LMS 7
 - Reference Material: Application: Handlers Examining the Stack COND 17
 - Reference Material: Default Handlers and Complex Modularity COND 30
 - Reference Material: Establishing Handlers COND 10
 - Reference Material: Packets PROT 65
 - Reference Material: Proceeding COND 41
 - Reference Material: Restart Handlers COND 34
 - Reference Material: Signalling Conditions COND 25
 - Reference Material: Starting Servers PROT 83
 - reference meters INT 30
 - :**reference-date** file property STR 79
 - Referenced message commands ZMAILC 21
 - Referenced messages ZMAILC 13
 - Referenced Msg (m-X) Zmail command ZMAILC 21
 - Referenced Msg (m-X) Zmail command ZMAILC 21
 - Referenced Msg (m-X) Zmail command ZMAILC 21
 - Referenced Msgs (m-X) Zmail command ZMAILC 18, 21
 - included references ZMAILT 37
 - References (m-X) Zmail command ZMAILC 18
 - References (m-X) Zmail command RN 130, ZMAILC 21
 - References (m-X) Zmail command RN 130, ZMAILC 21
 - References (m-X) Zmail command ZMAILC 21
 - References (m-X) Zmail command ZMAILC 21
 - References (m-X) Zmail command RN 130
 - References (m-X) Zmail command RN 130, ZMAILC 21
- Forwarding and
 - Undo (m-X) and
 - si:
 - Tape
 - Multiple Compiler not
 - Condition Flavors
 - Free
 - Notation Conventions Quick
 - Adding Bug Lists to Zmail: Zmail Tutorial and Command Menu: Zmail Tutorial and Encryption Available: Zmail Tutorial and Fonts in Messages: Zmail Tutorial and Introduction: Zmail Tutorial and
 - Help
 - Virtual memory
 - Append To
 - Move In Place Of
 - Select
 - Delete
 - Included
 - Append Conversation By
 - Delete Conversation By
 - Select
 - Select All Conversations By
 - Select Conversation By

- References field ZMAILT 37
 - References: Chaosnet NETIO 103
 - referencing 3600 17
 - Referencing 3600 17
 - Referencing INT 17
 - Referencing byte fields INT 18
 - referencing functions INT 49
 - Referred to by the Current Message ZMAILC 21
 - Reflecting Drawings FED 19
 - Reflecting the drawing FED 19, 29
 - [Reflect] Font Editor menu item FED 19, 29
 - REFRESH LMS 42
 - Refresh character 3600 5
 - REFRESH Font Editor command FED 31
 - REFRESH key 3600 5
 - :refresh** message WINDEX 7
 - :refresh** message **tv:menu** MENUS 101
 - :refresh** method for **tv:sheet** TOOLS 111, 122
 - :refresh** method of **tv:sheet** WINDEX 9
 - Refusal NETIO 53
 - Regenerate window's content WINDEX 7
 - Regenerating contents of windows WINDOC 5
 - Region ZMACS 74, MENUS 91
 - region ZMACS 83
 - region RN 125
 - Region ZMACS 148
 - Region ZMACS 159
 - Region ZMACS 82
 - Region ZMACS 38
 - Region ZMACS 75
 - Region ZMACS 160
 - Region ZMACS 83
 - Region ZMACS 151
 - Region ZMACS 25, 82
 - region MISCT 1
 - Region ZMACS 148
 - Region ZMACS 148
 - region ZMACS 49
 - region INT 28
 - region MENUS 91
 - region ZMACS 49
 - Region ZMACS 82
 - Region ZMACS 117
 - Region ZMACS 148
 - Region (c-m-\) TOOLS 23
 - Region (c-sh-C) TOOLS 66
 - Region (c-sh-E) TOOLS 70
 - Region (c-X c-;) RN 125
 - Region (c-X c-;) Zwei command RN 125
 - Region (m-l) TOOLS 57
 - Region (m-X) Zmacs command ZMACS 82
 - Region (m-X) Zmacs command ZMACS 160, 161
 - Region (m-X) Zmacs command HARD 1
 - Region (m-X) Zmacs command ZMACS 159
 - Region (m-X) Zmacs command ZMACS 148
 - Region (m-X) Zwei command RN 125
 - Region (m-X) Zwei command RN 125
 - Region boundaries WINDEX 40
 - Region Marking Mode ZMACS 194
 - Region Right Margin Mode ZMACS 194
 - region to patch file MAINT 34
 - Region Verbose ZMACS 160, 161
 - Region) TOOLS 23
 - Region) TOOLS 66
 - Region) TOOLS 70
 - Region) TOOLS 57
 - sys:** **%region-cons-alarm** variable INT 28
 - Region-Manipulating Commands ZMACS 82
- Array
 - Change in Array
 - Special Memory
 - Array
 - Operating on Messages
 - Adjust
 - Change case of
 - Changing Case of
 - Comment Out
 - Compile
 - Count Lines
 - Creating a
 - Evaluate
 - Fill
 - Indent
 - Kill
 - Line
 - Lowercase
 - Lowercase Code in
 - Make
 - MAR feature
 - Margin
 - Mark
 - Save
 - Two Windows Showing
 - Uppercase
 - Indent
 - Compile
 - Evaluate
 - New Zwei command: Comment Out
 - Comment Out
 - Save
 - Compile
 - Evaluate
 - Hardcopy
 - Uncomment
 - Uppercase Code in
 - Lowercase Code in
 - Uppercase Code in
 - Add
 - Evaluate
 - c-m-\ (Indent
 - c-sh-C (Compile
 - c-sh-E (Evaluate
 - m-l (Save
 - sys:**

- sys:** **%%region-map-bits** option for **make-area** STOR 2
- sys:** **%%region-map-bits** option for **make-area** 3600 29
- %%region-number** function STOR 4
- sys:** **%%region-scavenge-enable** option for **make-area** STOR 2
- :region-size** option for **make-area** 3600 29, STOR 2
- sys:** **%%region-space-type** option for **make-area** STOR 2
- sys:** **region-table-overflow** flavor COND 57
- What is a Region? ZMACS 74
- Regions STOR 1
- Commands to Mark Regions ZMACS 80
- Commenting Regions ZMACS 159
- Exchange Regions ZMACS 82
- Introduction: Overlapping Mouse-Sensitive Regions WINDEX 40
- Mouse-sensitive regions WINDEX 40, 49
- Overlapping Mouse-Sensitive Regions WINDEX 39
- Screen regions WINDOC 2
- Source Code: Overlapping Mouse-Sensitive Regions WINDEX 42
- Working with Regions ZMACS 73
- ARG base register INT 37, 52
- Base register INT 37
- Bit Count register NETIO 70
- Command/Status Register NETIO 70
- Constant base register INT 44, 52
- FEF base register INT 37, 52
- LOCAL base register INT 40, 52
- My Address register NETIO 70
- Open Get Register ZMACS 78
- Put Register ZMACS 78
- Read Buffer register NETIO 70
- Save current location in register ZMACS 78
- Start Transmission register NETIO 70
- Write Buffer register NETIO 70
- Open Get Register (c-X G) TOOLS 58
- Put Register (c-X X) TOOLS 58
- Register clearing NETIO 7
- Register into buffer ZMACS 78
- Register pane FED 5, 17, 33
- Register Pane FED 33
- register pane FED 33
- Register) TOOLS 58
- Register) TOOLS 58
- Registering Users in the Site's Namespace SIG 17
- Registers TOOLS 58, ZMACS 78, FED 5, 17
- registers NETIO 107
- registers NETIO 6
- Regular pdl INT 1
- :regular-pdl-area** option for **make-stack-group** 3600 29, INT 5
- :regular-pdl-size** option for **make-process** PROC 11
- :regular-pdl-size** option for **make-stack-group** 3600 29, INT 5
- :regular-pdl-area** option for **make-process** PROC 11
- Rehash PRIM 47
- :rehash-before-cold** init option for **si:eq-hash-table** PRIM 43
- :rehash-threshold** init option for **si:equal-hash-table** PRIM 44
- Reinitializing Zmacs ZMACS 11, MISCU 1
- reject** function NETIO 86
- :reject** message PROT 79
- :reject-unless-secure** option for **net:define-server** PROT 50
- :reject-unless-trusted** property PROT 81
- Grouping related disk transfers INT 62

- Host Object Attributes
- Network Database Attributes
- Site Object Attributes
- Interpackage
- Translate
- Notes:
 - Converting a
 - Changes to Networks in
 - Changes to the FEP in
 - Changes to the File System in
 - Changes to the Keyboard in
 - Changes to the Lisp Language and Compiler in
 - Changes to Utilities in
 - Changes to Zmacs in
 - Changes to Zmail in
 - Clarifications and Corrections for
 - Converting a Release 4.5 Site to
 - Improvements to Lisp in
 - Improvements to Utilities in
 - Improvements to Zmacs in
 - Improvements to Zmail in
 - Incompatible Changes to Lisp in
 - Incompatible Changes to Networks in
 - Incompatible Changes to the File System in
 - Incompatible Changes to Utilities in
 - Incompatible Changes to Zmacs in
 - Incompatible Changes to Zmail in
 - Introduction: Updated Information for
 - New Features in Lisp in
 - New Features in Networks in
 - New Features in the File System in
 - New Features in Utilities in
 - New Features in Zmacs in
 - New Features in Zmail in
 - Notes on Operations in
 - Procedures for Installing
 - Updated Information for
- New Microcode in
- Moving the New
- Installing New
- Installing New Backup Tape
- Relating to Printers HARD 3
- Relating to Printers HARD 3
- Relating to Printers HARD 4
- Relations PKG 44
- Relationship between methods and messages FLAV 9
- Relationship of mouse to windows WINDOC 67
- relative file block number into disk address INT 72
- Relative Package Names PKG 16, 44
- Relative Pathnames: Files FILE 16
- :relative-names** option for **defpackage** PKG 16, 33
- :relative-names** option for **make-package** PKG 16, 35
- :relative-names-for-me** option for **defpackage** PKG 16, 33
- :relative-names-for-me** option for **make-package** PKG 16, 35
- :relative-to** message to
 - sys:package-not-found** COND 62, PKG 51
- :relaxed** boundary condition for
 - :draw-cubic-spline** WINDOC 39
- Release 4.4 Patch Notes NETIO 31
- Release 4.5 Site to Release 5.0 SIG 6
- Release 5.0 RN 107
- Release 5.0 RN 133
- Release 5.0 RN 119
- Release 5.0 LMS 35
- Release 5.0 RN 5
- Release 5.0 RN 113
- Release 5.0 RN 123
- Release 5.0 RN 129
- Release 5.0 RN 143
- Release 5.0 SIG 6
- Release 5.0 RN 77
- Release 5.0 RN 116
- Release 5.0 RN 126
- Release 5.0 RN 130
- Release 5.0 RN 5
- Release 5.0 RN 107
- Release 5.0 RN 119
- Release 5.0 RN 113
- Release 5.0 RN 123
- Release 5.0 RN 129
- Release 5.0 LMS 34
- Release 5.0 RN 44
- Release 5.0 RN 108
- Release 5.0 RN 120
- Release 5.0 RN 114
- Release 5.0 RN 124
- Release 5.0 RN 130
- Release 5.0 RN 151
- Release 5.0 SIG 5
- Release 5.0 LMS 34
- Release 5.0 Prerequisites SIG 1
- Release 5.0 Terminology SIG 2
- Release 5.0 Update LMS 33
- Release 5.0: 270 on 3600, 998 on LM-2 RN 3
- Release 5.0: Introduction and Highlights RN 1
- Release 5.0: Notes and Clarifications RN 143
- Release 5.0: Operations and Site Management RN 151
- Release to Other Lisp Machines At the Site SIG 20
- :released** symbol in **make-system :version** option MAINT 13
- :released** system status MAINT 37
- Releases Distributed in Patch Tape Format SIG 22
- Releases Distributed in World Load Format SIG 22
- Reliability RN 151

- Reload All option to Operation Wanted
 - [Reload/Retrieve] parameter SITE 10
 - :reload** option for **make-system** MAINT 13
 - [Reload/Retrieve] File System Maintenance menu item RN 151, SITE 1
- Compare option to Operation Wanted
 - File Host [Reload/Retrieve] parameter SITE 10
 - Files to retrieve [Reload/Retrieve] parameter SITE 10
- List Tape option to Operation Wanted
 - Operation Wanted [Reload/Retrieve] parameter SITE 10
- Reload All option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- Retrieve Single Files option to Operation Wanted [Reload/Retrieve] parameter SITE 10
 - Tape Drive [Reload/Retrieve] parameter SITE 10
 - Tape Host [Reload/Retrieve] parameter SITE 10
 - Tape Name [Reload/Retrieve] parameter SITE 10
- Reloader program SITE 10
- Reloading and Retrieving SITE 10
- Reloading files SITE 4
- Dumping, Reloading, and Retrieving SITE 4
- Relocate cursor ZMACS 49
- rem** function PRIM 35
- :rem-hash** message PRIM 45
- rem-if** function PRIM 36
- rem-if-not** function PRIM 36
- Replying and Remailing ZMAILC 19
- remainder** function PRIM 71
- %remainder-double** function PRIM 83
- Analyzing Structures Remains the Same 3600 23
- Multidimensional Arrays on the 3600 **remarks:** user object attribute PROT 12
- New variable: **fs:** ***remember-passwords*** RN 70
- fs:** ***remember-passwords*** variable RN 70, STR 70
- Forgetting objects remembered by a resource RN 78, STOR 21
- remhash** function PRIM 46
- remhash-equal** function PRIM 46
- remob** function PKG 7, 27, 40
- Remote file servers STR 59
- Remote Network Problems COND 74
- sys:** **remote-network-error** flavor COND 74
- Remove flavor RN 53, FLAV 30
- remove** function PRIM 35
- Remove package PKG 37
- :remove-asynchronous-character** method of **tv:stream-mixin** WINDOC 54
- chaos:** **remove-conn** function NETIO 84
- :remove-highlighted-item** message **tv:menu-highlighting-mixin** MENUS 43
- :remove-highlighted-value** message **tv:menu-highlighting-mixin** MENUS 43
- :init** canonical pathname type removed RN 35
- [Remove] Zmail menu item ZMAILC 29
- Removing a **defun-method** FLAV 30
- Removing elements from list MAC 38
- Removing keywords ZMAILC 30
- Removing methods RN 53, FLAV 30
- Removing symbol from package PKG 40
- remprop** function RN 147, PRIM 41, FLAV 5
- :remprop** method of **fs:pathname** FILE 38
- :remprop** method of **st:property-list-mixin** FLAV 65
- (**remprop symbol** **'source-file-name**) RN 147
- remq** function PRIM 35
- Rename Buffer (m-X) Zmacs command ZMACS 108
- [Rename Char] Font Editor menu item FED 9, 30
- File rename errors COND 70
- Rename file RN 27, ZMACS 120, STR 66
- Dired Rename File ZMACS 137
- Rename File (m-X) Zmacs command ZMACS 120, FILE 19

- :rename** message STR 77
- :rename** message to pathnames RN 27, STR 66
- :rename** message to streams RN 27, STR 66
- RENAME QFILE command PROT 112
- :rename** value of **open** option for **:if-exists** RN 25, STR 63
- fs: rename-across-directories** flavor COND 70
- New condition flavor: **fs: rename-across-hosts** RN 70
- fs: rename-across-hosts** flavor RN 70, COND 70
- :rename-and-delete** value of **open** option for **:if-exists** RN 25, STR 63
- fs: rename-failure** COND 70
- fs: rename-failure** flavor COND 70
- lmfs: rename-local-file-tool** function FILE 42
- fs: rename-to-existing-file** flavor COND 70
- Rename-within FUNC 29
- Rename-within Encapsulations FUNC 29
- si: rename-within-new-definition-maybe** function FUNC 29
- :clear-screen, :clear-eol, and :clear-eof** messages to windows renamed RN 44
- chaos:stream, chaos:close, and chaos:finish** renamed RN 107
- Renamed inbox file names ZMAILC 33
- Renamed Keys 3600 5
- Changes to **renamef** and **copyf** RN 26
- renamef** function RN 27, STR 66
- [Rename] File System Editor menu item FSED 1
- Function renaming FUNC 29
- Saving, Expunging, Killing, and Renaming ZMAILC 30
- Renaming FEP Files FILE 74
- Renaming Files ZMACS 137
- Renaming mail buffers ZMAILC 30
- Rendezvous subprotocols NETIO 68
- Reordering ZMAILC 21
- Reordering messages ZMAILC 21
- Reparse Attribute List (m-X) TOOLS 11
- Reparse Attribute List (m-X) Zmacs command ZMACS 125, 127
- Repatriating files SITE 14
- REPEAT key 3600 5
- Repeat Last Minibuffer Command ZMACS 41, 64
- Global search and replace ZMACS 94
- Query Replace ZMACS 90
- Replace (c-%) TOOLS 54
- Query Replace (m-%) TOOLS 54
- Tags Query Replace (m-X) TOOLS 54
- Atom Query Replace (m-X) Zmacs command ZMACS 93
- Multiple Query Replace (m-X) Zmacs command ZMACS 91
- Query Replace (m-X) Zmacs command ZMACS 90
- Tags Multiple Query Replace (m-X) Zmacs command ZMACS 96
- Tags Query Replace (m-X) Zmacs command ZMACS 95
- New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
- New primitives replace **apply** and **lexpr-funcall** on arrays 3600 18
- netl:reset, netl:enable, and netl:disable** replace **chaos:reset, chaos:enable, and chaos:disable** RN 107
- Multiple Query Replace From Buffer (m-X) Zmacs command ZMACS 92
- Replace history INED 5
- Evaluate And Replace Into Buffer (m-X) TOOLS 70
- Evaluate and Replace Into Buffer (m-X) Zmacs command ZMACS 92, 161
- Query Replace Last Kill (m-X) Zmacs command ZMACS 92
- Query Replace Let Binding (m-X) Zmacs command ZMACS 92
- Replace String ZMACS 90
- Replace String (m-X) Zmacs command ZMACS 90
- Replace yanked text INED 7
- format** directives **~@T** and **~@*** replace **~X** and **~G** RN 21

- c-% (Replace) TOOLS 54
- m-% (Query) (Replace) TOOLS 54
- :replace-input** method of **tv:stream-mixin** RN 65, WINDOC 51
- New methods of **tv:stream-mixin**: **:start-typeout**, **:finish-typeout**, **:rescanning-p**, **:force-rescan**, **:replace-input**, **:read-bp** RN 63
- Show Hardcopy Status (m-X) replaces **chaos:print-igp-queue** RN 115
- fs:make-logical-pathname-host** replaces **fs:add-logical-pathname-host** RN 37
- Flavor **fs:undefined-logical-pathname-translation** replaces **fs:undefined-logical-pathname-directory** RN 37
- si:halt** replaces **sys:%halt** RN 133
- Replacing TOOLS 53
- Replacing Strings Automatically ZMACS 90
- Replacing, and Sorting ZMACS 85
- Copy message into reply ZMAILT 35, ZMAILC 19
- MAIL protocol reply NETIO 64
- Reply Command ZMAILT 35
- Reply commands ZMAILT 35
- Reply mode ZMAILT 13, 35
- reply mode ZMAILT 13, 35
- All reply mode ZMAILT 35
- All-Cc reply mode ZMAILT 35
- Cc-All reply mode ZMAILT 35
- Cc-To reply mode ZMAILT 35
- Sender reply mode ZMAILT 13, 35
- To reply mode ZMAILT 35
- To-Cc reply mode ZMAILT 35
- Zmail reply mode INED 13
- Reply recipients ZMAILT 35
- Add In Reply To Field (m-X) Zmail command ZMAILT 41
- [Add In Reply To Field] Headers Editor menu item ZMAILT 41
- Reply window mode ZMAILT 35
- One-window reply window mode ZMAILT 35
- Two-windows reply window mode ZMAILT 35
- Yank reply window mode ZMAILT 35
- Reply-to field ZMAILT 37
- Replying ZMAILC 19
- Replying and Remailing ZMAILC 19
- Replying to Mail ZMAILT 13
- Replying to messages ZMAILC 19, 30
- [reply] RN 130
- [Reply] Map Over menu item RN 130, ZMAILC 30
- [Reply] Zmail menu item ZMAILT 13, 35, 44, ZMAILC 19
- Host status report NETIO 92
- meter:** **report** function RN 51, INT 86
- :report** message COND 49
- :report** method COND 7, TOOLS 124, 128
- :report** method of **condition** COND 50
- :report-stream** option for **copyf** RN 28, STR 68
- :report-string** method of **condition** COND 51
- Reporting a bug MISCU 1
- reports DEBUG 9, 15
- Debugger Bug Reports COND 44
- Reposition Window ZMACS 48
- Bit representation NETIO 37
- E exponential representation PRIM 61, 89
- Interchange case representation FILE 12
- Native case representation FILE 12
- Printed representation PRIM 1, 89, PKG 1
- Raw case representation FILE 12
- S exponential representation PRIM 61, 89
- Special function keys character representation STR 3
- Font representation as array WINDOC 59
- Printed representation of a bignum PRIM 89, 93
- Printed representation of a cons PRIM 89
- Printed representation of a fixnum PRIM 89, 93

- Printed representation of a flonum PRIM 89, 93
- Printed representation of a named structure PRIM 89
- Printed representation of a small-flonum PRIM 89, 93
- Printed representation of a string PRIM 89
- Control over printed representation of a structure DEFS 13
- Printed representation of a symbol PRIM 89, 93
- Printed representation of an entity PRIM 89
- Printed representation of an instance PRIM 89
- Printed representation of arrays PRIM 89
- Octal representation of characters STR 3
- String representation of fixnums ARR 25
- Printed Representation of Symbols PKG 20
- :representation** option for **make-area** 3600 29, STOR 2
- Data representation type STOR 1
- Errors Involving Lisp Printed Representations COND 63
- Manipulating graphic representations WINDEX 74
- New Default Representations for Newest and Oldest Logical Pathname Versions RN 35
- Conses represented as pointers PRIM 29
- Reprint messages MISC 5, CONV 4
- Reprints notifications RN 99, MISC 5
- Changes to input editor options **:do-not-echo**, **:pass-through**, **:prompt**, **:reprompt** RN 22
- :reprompt** option RN 23, WINDOC 48, STR 48
- :reprompt** option for **:rubout-handler** message WINDOC 47, STR 46
- Answer to STATUS request NETIO 61
- Database deletion request PROT 32
- who-am-i* request SIG 2
- Request failures based on **fs:file-request-failure** COND 66
- FWD Forward a request for connection packet NETIO 53
- RFC Request for connection packet NETIO 53
- Accept Request for Connection NETIO 81
- :request-array** option for **net:define-server** PROT 50
- :request-array** option to **neti:funcall-server-internal-function** PROT 82
- :request-array-end** option to **neti:funcall-server-internal-function** PROT 82
- :request-array-start** option to **neti:funcall-server-internal-function** PROT 82
- :request-to-send** serial I/O parameter NETIO 27
- Broadcasting requests PROT 75
- Required parameters EVAL 11
- :required-flavors** option for **defflavor** FLAV 35
- :required-flavors** option to **defflavor** TOOLS 108
- :required-init-keywords** RN 53
- :required-init-keywords** option RN 54
- :required-init-keywords** option for **defflavor** RN 54, FLAV 36
- :required-instance-variables** option for **defflavor** FLAV 35
- :required-methods** option for **defflavor** FLAV 35
- :required-methods** option to **defflavor** TOOLS 105
- :rescanning-p** method of **tv:stream-mixin** RN 64, WINDOC 51
- New methods of **tv:stream-mixin**: **:start-typeout**, **:finish-typeout**, **:rescanning-p**, **:force-rescan**, **:replace-input**, **:read-bp** RN 63
- Resent- header fields RN 130
- Resent-by field ZMAILT 37
- Resent-date field ZMAILT 37
- Resent-to field ZMAILT 37

- si:** **resequence-fep-file-system** function INT 84
- :reset** NETIO 25
- :reset** PROC 18
- :reset** PROC 18
- Reset bit NETIO 70
- Reset button NETIO 5
- Reset command NETIO 5, 7
- chaos:** **reset** function RN 107
- netl:** **reset** function RN 107, 108, NETIO 92
- :reset** message PROT 78
- :reset** method of **si:process** PROC 18
- RESET system call NETIO 75
- Initialization, Reset, and Enable PROT 77
- netl:reset**, **netl:enable**, and **netl:disable** replace **chaos:reset**, **chaos:enable**, and **chaos:disable** RN 107
- netl:** **reset**, **netl:enable**, and **netl:disable** replace **chaos:reset**, **chaos:enable**, and **chaos:disable** RN 107
- reset-initializations** function INIT 3
- New functions: **si:make-process-queue**, **si:process-queue**, **si:process-dequeue**, **si:process-queue-locker**, **si:reset-process-queue** RN 71
- si:** **reset-process-queue** function RN 71, PROC 10
- The **sys:** **reset-temporary-area** Feature STOR 5
- sys:** **reset-temporary-area** function STOR 5
- reset-user-options** function MENUS 67
- Clock resetting NETIO 7
- Disk resetting NETIO 7, 13
- FEP resetting NETIO 7
- Hardware resetting NETIO 7
- Lbus resetting NETIO 7
- Sequences resetting NETIO 7
- Tape hardware resetting NETIO 7
- Video resetting NETIO 7
- Resetting a network PROT 78
- Resetting a process PROC 1
- Resetting the FEP LMS 8, NETIO 5
- [Reset] Profile Mode menu item ZMAILC 7
- resource RN 13, STOR 20
- resource RN 78, STOR 21
- Resource MENUS 48
- resource INT 57
- resource INT 58
- resource MENUS 21
- resource MENUS 48
- resource MENUS 73
- resource MENUS 55
- Resources TOOLS 117, STOR 17
- resources STOR 17
- resources STOR 17
- Motion with Respect to the Whole Buffer ZMACS 60
- Zmail won't respond to commands ZMAILT 24
- Cancel response ZMACS 32
- QFILE response PROT 85
- Response Format ZMACS 41
- Response Format PROT 90
- Response Help ZMACS 41
- Response Result Values PROT 104
- :response-array** option for **net:define-server** PROT 50
- :response-array** option to **netl:funcall-server-internal-function** PROT 82
- :response-array-end** option to **netl:funcall-server-internal-function** PROT 82
- :response-array-start** option to
- Deallocating allocated objects of a
- Forgetting objects remembered by a
- Multiple Menu Choose Mixin and
- si:disk-array**
- si:disk-event**
- tv:momentary-menu**
- tv:pop-up-multiple-menu-choose-resource**
- tv:temporary-choose-variable-values-window**
- tv:temporary-multiple-choice-window**
- Allocating and freeing Chaosnet storage
- Allocating and freeing window system storage
- Cancel
- QFILE Command and
- QFILE OPEN

- net:funcall-server-internal-function** PROT 82
- QFILE Error Responses PROT 123
Responsibilities of Your Program MENUS 30
&rest NOTA 1
&rest arguments INT 47, 52
&rest keyword EVAL 11, DEFS 16, 23
&rest keyword for **defmacro** MAC 31
&rest lambda-list keyword FUNC 14
- The Format of the Rest of the Instructions INT 44
Rest of This Manual ZMAILT 15
Rest parameters EVAL 11
rest1 function PRIM 20
rest2 function PRIM 20
rest3 function PRIM 21
rest4 function PRIM 21
- Reference Material: Restart handler functions COND 34
Invoking Restart handlers COND 23, 33, TOOLS 76
Restart Handlers COND 34
Restart Handlers Manually COND 36
Restart handling WINDEX 7
Restart pathname dump parameter SITE 5
Restart points COND 1
:**restart-after-boot** option for **process-run-function** PROC 25
:**restart-after-boot** option for process-run-restartable-function function PROC 25
:**restart-after-reset** option for **process-run-function** PROC 25
:**restart-after-reset** option for process-run-restartable-function function PROC 25
- Dumper Restarting and Append-to-tape Default RN 121
Restarting processes PROC 18
- Disk Restore command NETIO 7
[Restore Draft File] Editor menu item ZMAILT 44
- Block restore format NETIO 7
File restore format NETIO 7
Image restore format NETIO 7
Tape restore to disk NETIO 7
tv: **restored-bits-p** variable WINDEX 8
- Saving and Restoring a file system NETIO 7
Restoring Message Drafts ZMAILT 44
Restoring messages to mail buffer ZMAILT 13, 59, ZMAILC 18
Restoring text ZMACS 33
- QFILE OPEN Response Restriction Due to Scope COND 24
Result Values PROT 104
RESUME LMS 42, TOOLS 70, 91
resume PRIM 103
RESUME Debugger command DEBUG 9, 15
RESUME key COND 46
RESUME key with floating point conditions COND 55
- Using the New Zmacs command: Resume Patch (m-X) RN 124
Resume Patch (m-X) Zmacs command RN 124, MAINT 34
RESUME Zmail command ZMAILT 46
Resumer INT 2
Resuming of Stack Groups INT 2
Resumption INT 1
- Dired Set Generation Retention Count ZMACS 139
Retransmission NETIO 50
Retrieve element at origin INED 9
Retrieve Single Files option to Operation Wanted [Reload/Retrieve] parameter SITE 10
retrieve [Reload/Retrieve] parameter SITE 10
- Files to Dumping, Reloading, and Reloading and Retrieving SITE 4
Retrieving SITE 10
Retrieving files SITE 4

- Geometry Example 2: Retrieving Geometry Information MENUS 16
- [Retry] menu item TOOLS 76
- RETURN LMS 42, TOOLS 8
- return** PRIM 103
- Carriage return ZMACS 5
- Output carriage return STR 25
- readline** and **readline-trim** return additional values RN 62
- Carriage Return character STR 3
- Carriage return character STR 3
- RETURN characters SCROLL 3
- return** clause FLOW 47
- RETURN completion command ZMACS 13
- Using the RETURN key in the minibuffer ZMACS 41
- return** keyword FLOW 47
- Functions that return multiple values EVAL 25
- :proceed** can return nil COND 39
- :proceed** methods can now return nil RN 97
- sort** predicate should return nil for equal elements RN 144
- return** special form EVAL 25, FLOW 11, 15
- Return to previous window ZMACS 30
- intern**, **intern-local**, **intern-soft**, and **intern-local-soft** return two values RN 7
- QFILE return value PROT 85
- Debugger functions to return values in current stack frame DEBUG 13
- RETURN Zmacs command ZMACS 43
- %RETURN-2 instruction INT 49
- %RETURN-3 instruction INT 49
- return-array** function ARR 14
- si:** **return-disk-event-task** function INT 59
- return-from** special form FLOW 9
- Return-keyboard-to-lisp command NETIO 7
- Return-keyboard-to-lisp FEP command RN 137
- return-list** function FLOW 11
- %RETURN-N instruction INT 49
- return-next-value** function 3600 27
- return-pkt** function RN 108, NETIO 89
- Returned STR 82, FILE 25
- Use **cdr** with locatives returned by **locf** RN 148
- Change in type of array returned by **string-append** RN 16
- :array** returned by **typep** PRIM 5
- :bignum** returned by **typep** PRIM 5
- :closure** returned by **typep** PRIM 5
- :compiled-function** returned by **typep** PRIM 5
- :fixnum** returned by **typep** PRIM 5
- :flonum** returned by **typep** PRIM 5
- :list** returned by **typep** PRIM 5
- :locative** returned by **typep** PRIM 5
- :microcode-function** returned by **typep** PRIM 5
- :random** returned by **typep** PRIM 5
- :select-method** returned by **typep** PRIM 5
- :small-flonum** returned by **typep** PRIM 5
- :stack-group** returned by **typep** PRIM 5
- :string** returned by **typep** PRIM 5
- :symbol** returned by **typep** PRIM 5
- Returning a locative pointer INT 20
- Returning array elements ARR 10
- Returning control from input editor RN 57
- Returning multiple values INT 49
- float** returns a single-precision number RN 48
- floatp** returns t for any floating-point number RN 49
- chaos:send-unc-pkt** automatically returns the packet to the free pool RN 108
- [Return] Inspector menu item MISCT 5
- [Return] menu item TOOLS 96, 97
- :reusable-when** option for **defresource** WINDEX 58
- reverse** function PRIM 24
- Reverse Incremental Search ZMACS 87
- Reverse Search (c-R) TOOLS 54
- c-R (Reverse Search) TOOLS 54

- Dired Reverse Undelete ZMACS 138
:reverse-video-p init option for **tv:menu** MENUS 99
:reverse-video-p method of **tv:sheet** WINDOC 31
 Reversible wild pathname translation RN 35, FILE 50
 Revert Buffer (m-X) Zmacs command ZMACS 109
:revoke-arrest-reason method of **sl:process** PROC 17
:revoke-run-reason method of **sl:process** PROC 17
:rewind message to tape streams TAPE 4
 Rewind option to Tape when done dump parameter SITE 5
- ARPANET RFC 810 format PROT 26
arpanet RFC 811 protocol PROT 25
 RFC Received connection state NETIO 60, 87
 RFC Request for connection packet NETIO 53
 RFC Sent connection state NETIO 60, 87
- Set the RFC timeout period NETIO 81
 Chaosnet RFC/ANS time protocol PROT 48
 RFC/ANS transaction PROT 34
 RFC733 header format ZMAILT 37
 RFC822 domain addressing RN 130
 Rfc822 Domain Addressing Supported RN 130
- Internet RFC822 domain-addressing formats ZMAILC 35
 RFNAME system call NETIO 75
- New variable: **tv:** **rh-typeout-default** RN 65
tv: **rh-typeout-default** variable RN 65, WINDOC 50
 Finding the right command ZMACS 35
 Right horseshoe (⌞) character in ITS pathnames FILE 48
:right init option for **tv:menu** MENUS 99
:right init option for **tv:sheet** WINDOC 78
 Right justify STR 39
 Right margin character flag WINDOC 23
- Region Right Margin Mode ZMACS 194
:right-margin-character-flag init option for **tv:sheet** WINDOC 31
:right-margin-size method of **tv:sheet** WINDEX 41
- Indent Rigidly ZMACS 152
 RMAIL mail file format ZMAILC 34, 35
:roman day-of-the-week-representation MISCUI 8
- Print roman numeral STR 25
 Print old Roman numeral STR 25
 Roman numeral keys 3600 3
roman-i PRIM 103
roman-ii PRIM 103
roman-iii PRIM 103
roman-iv PRIM 103
room STOR 15
- Make Room ZMACS 153
room function STOR 15
:room option for **make-area** 3600 29, STOR 2
room variable STOR 15
- Integer square root PRIM 74
 Square root PRIM 74
 Root directory FILE 71
- Square root of a negative number error COND 56
 [Tree edit root] File System Maintenance menu item FSED 1, SITE 1
rot function 3600 29, PRIM 77
 Rotate bits 3600 29, PRIM 77
 [Rotate] Font Editor menu item FED 19, 29
 Rotating Drawings FED 19
 Rotating the drawing FED 19, 29
 Round-robin locking RN 71
 Rounding PRIM 61
- Escape routines 3600 19
 Routing NETIO 46
- RUT Routing Information packet NETIO 60

- Connection address in
- Connection cost in
- Connection type in
- System 3600 EIA
 - Assignment of
 - Assignment of
- Incompatible Changes to the Input Editor
- New Features Associated with the Input Editor
 - Disable special treatment of
- c-X
 - :activation** option for
 - :command** option for
 - :do-not-echo** option for
 - :full-rubout** option for
 - :initial-input** option for
 - :no-input-save** option for
 - :pass-through** option for
 - :preemptable** option for
 - :prompt** option for
 - :reprompt** option for
- Search
- Coercion
- Consistency
 - Search
- string-length** uses same coercion
 - New
- Disk-active
- Garbage collector
 - Processor
- Estimating
- Routing packet NETIO 46
- Routing table NETIO 46
 - routing table NETIO 46
 - routing table NETIO 46
 - routing table NETIO 46
- Row-major order ARR 4
- :rows** init option for **tv:menu** MENUS 14, 100
- rplaca** can be used with stack lists RN 148
- rplaca** function RN 148, PRIM 27, 29, 85, ARR 4
- rplacd** function RN 148, PRIM 27, 29, 85, ARR 4
- RS-232 protocol NETIO 23
- RS-232 Signals to Pins NETIO 23
- RS-232 Signals to Pins in Asynchronous Null Modems NETIO 23
- RS-232-compatible devices 3600 11
- Rubout ZMACS 25, 66
- RUBOUT LMS 42
- rubout** PRIM 103
- RUBOUT Dired command ZMACS 138
- Rubout handler RN 1, 22
 - (Rubout Handler) RN 21
 - (Rubout Handler) RN 57
- Rubout in ASCII files STR 59
- RUBOUT key ZMACS 20
- RUBOUT Zmacs character ZMACS 66
- RUBOUT Zmacs command ZMACS 25, 33
- RUBOUT Zmacs command ZMACS 25, 72
 - :rubout-handler** message STR 15, 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** message WINDOC 47, STR 46
 - :rubout-handler** method of **tv:stream-mixin** WINDOC 47
 - rubout-handler** variable STR 46
- rule for invoking handlers COND 23, 29
- rules PRIM 61
- Rules PKG 25
- rules PROT 3
- rules as **string** RN 16
- Rules for Reading Ambiguous Tokens RN 19
- Rules for Successful Completion STR 85, FILE 28
- Run and Arrest Reasons PROC 17
- run bar INT 29
- run bar INT 29
- run bar INT 29
- Run bars LMS 11
- Run reasons PROC 1
- Run Time INT 52
- Run time of arithmetic operations INT 52
- Run time of array accessing INT 52
- Run time of bignum arithmetic INT 52
- Run time of fixnum arithmetic INT 52
- Run time of flonum arithmetic INT 52
- run-in-maclisp-switch** variable 3600 32, COMP 10, 23
- :run-reason** method of **si:process** PROC 17
- :run-reasons** method of **si:process** PROC 17
- :run-reasons** option for **make-process** PROC 11
- :runnable-p** method of **si:process** PROC 18
- Running stack group INT 1
- running stack group INT 27
- Argument list of currently

Number of arguments to the currently
sg-state of currently
 running stack group INT 27
 running stack group INT 27
 RUT packet NETIO 46
 RUT Routing Information packet NETIO 60

S

Analyzing Structures Remains the
:draw-filled-in-circle uses
 Using **copy-array-portion** on the
string-length uses
 Symbols in **global** and **keyword** packages with the

The
 Using the mouse in the

The

[Set

Kill Or

c-X S

m-W

zwei:

[Abort]

[Ask]

[Don't Save]

[Logout]

[Quit]

[Save]

M2:

Jump to

Jump To

Jump to

S

c-X S (Save Position) TOOLS 55
 S connection flag NETIO 77
 S exponent identifier RN 17
 S exponential representation PRIM 61, 89
 S Font Editor command FED 30
 c-X S Zmacs command ZMACS 27
 S Zmail command ZMAILT 17, ZMAILC 30
 c-X S Zmail command ZMAILT 41
 Save Position (c-X S) TOOLS 55
 S-expression NOTA 1
:safe option for **make-stack-group** 3600 29, INT 5
:sail output format style RN 21, STR 39
 Salvager SITE 13, 14
 [Salvage] File System Maintenance menu item SITE
 1
 Same 3600 23
 same algorithm as **:draw-circle** RN 99
 same array RN 145
 same coercion rules as **string** RN 16
 same names RN 7
 Samefringe problem INT 7
sameprnamep function PRIM 57, ARR 36
 Sample pane FED 5, 11, 23, 32
 Sample Pane FED 32
 sample pane FED 32
 Sample string FED 5, 23, 30
 Sample String FED 23
 [Sample] Filter Creation Display menu item ZMAILC
 10
 [Set Sample] Font Editor menu item FED 23, 30
sassoc function PRIM 39
sassq function PRIM 39
 Satisfying filters ZMAILC 8
 Save All Files (m-X) Zmacs command ZMACS 108
 Save Buffers (m-X) Zmacs command ZMACS 110
 [Save Char] Font Editor menu item FED 9, 30
 Save current Lisp world SIG 28, SITE 20
 Save current location in register ZMACS 78
 [Save Draft As Msg] Editor menu item ZMAILT 44
 [Save Draft File] Editor menu item ZMAILT 44
 Save File ZMACS 27, 109
 Save File Zmacs command ZMACS 28
 Save Position ZMACS 78
 Save Position (c-X S) TOOLS 55
 (Save Position) TOOLS 55
 Save Region ZMACS 82
 Save Region (m-W) TOOLS 57
 (Save Region) TOOLS 57
save-all-files function MISCF 5
 Save-Exit menu ZMAILT 17
 Save-Exit menu item ZMAILT 17
 Save-Exit menu item ZMAILT 17
 Save-Exit menu item ZMAILT 17
 Save-Exit menu item ZMAILT 17
 Save-Exit menu item ZMAILT 17
 Save-Exit menu item ZMAILT 17
 Save/Kill/Yank mouse click ZMACS 49
 Saved Position ZMACS 78
 Saved Position (c-X J) TOOLS 55
 Saved Position (c-X J) Zmacs command RN 127

S

- c-X J (Jump To Saved Position) TOOLS 55
- [Don't [Save] Save-Exit menu item ZMAILT 17
- [Save] Save-Exit menu item ZMAILT 17
- [Save] Zmail menu item ZMAILT 13, 17, 47, ZMAILC 7, 30, 31
- Check Unbalanced Parentheses When Saving ZMACS 195
- Saving a List of Mail Files ZMAILC 28
- Saving a World Load FILE 74
- Saving and Restoring Message Drafts ZMAILT 44
- Saving Bands SIG 42
- Creating and Saving Buffers and Files ZMACS 27
- Saving contents of windows WINDOC 5
- Loading and Saving Disk Partitions 3600 31
- Saving Filters ZMAILC 12
- Saving Keywords ZMAILC 26
- Saving mail buffers ZMAILC 30
- Saving messages in disk files ZMAILT 44
- Saving New Versions of World Loads SITE 17
- Concepts: Saving New Versions of World Loads SITE 17
- Saving options ZMAILC 7
- Setting and Saving Options ZMAILC 7
- Saving terminal interactions in file MISCF 15
- Saving the Mail File ZMAILT 13
- Saving Universes ZMAILC 15
- Saving, Expunging, Killing, and Renaming ZMAILC 30
- :chaos** option for **si:** **sb-on** RN 95, PROC 6
- :clock** option for **si:** **sb-on** RN 95, PROC 6
- :disk** option for **si:** **sb-on** RN 95, PROC 6
- :keyboard** option for **si:** **sb-on** RN 95, PROC 6
- :mouse** option for **si:** **sb-on** RN 95, PROC 6
- :unibus** option for **si:** **sb-on** RN 95, PROC 6
- si:** **sb-on** function RN 95, PROC 3, 6
- New option for **si:** **sb-on: :mouse** (3600 only) RN 95
- Scale fraction FED 15
- Await scavenge state of the garbage collector STOR 9
- Scavenger STOR 12, INT 28
- Scavenger Working Set (LM-2) STOR 7
- Setting the Size of the **sys:** **%scavenger-run-time** meter RN 52, INT 30
- Scheduler INT 2
- Process scheduler 3600 1
- The Scheduler PROC 3
- sys:** **scheduler-stack-group** variable PROC 5
- sys:** **%scheduler-stack-group** variable INT 28
- Restriction Due to Scope COND 24
- Variables in scratchpad memory INT 27
- SCRCLISP-MACHINE MISCF 5
- Screen LMS 10
- Complement screen RN 113
- Creating mouse-sensitive-area of screen MENUS 85
- Flashing the screen STR 15
- Next Screen ZMACS 24, 47
- Organization of the Screen ZMACS 15
- Previous Screen ZMACS 24, 48
- Split Screen ZMACS 118
- The Screen LMS 10
- Split Screen (m-X) TOOLS 60
- Screen array WINDOC 6
- Screen Arrays and Exposure WINDOC 6
- Clear Screen command NETIO 7
- Default printer for screen copies HARD 7
- FUNCTION Q screen copy command HARD 1
- Move To Screen Edge ZMACS 48
- Drawing past edge of screen error COND 57
- CLEAR SCREEN FSPT Editor command FILE 68
- :screen** init option for **tv:menu** MENUS 100
- Screen manager WINDOC 3, 13
- The Screen Manager WINDOC 13

- Screen Manager Background Process WINDOC 13
- Screen menu item WINDOC 13
- Screen menu item WINDOC 3
- Screen process state LMS 10
- Screen regions WINDOC 2
- :screen-manage** message WINDOC 13
- tv:** **screen-manage-update-permitted-windows** variable WINDOC 17
- screen-spy** Service PROT 59
- Screens WINDOC 1, 5
- screens RN 79, WINDOC 9
- screens RN 79, WINDOC 9
- screens WINDOC 54
- screens WINDOC 19, 54, 62
- screens WINDOC 6
- Screen] menu item TOOLS 61, 123
- Screen] menu item TOOLS 61, 123
- Screen] System menu item WINDOC 2, 3, 87
- Screen] System menu item WINDEX 16
- Scroll bar FED 25
- Scroll character 3600 7
- SCROLL key 3600 5
- Scroll Other Window ZMACS 118
- Scroll Other Window (c-m-v) TOOLS 60
- (Scroll Other Window) TOOLS 60
- scroll pane WINDEX 75
- scroll the message window ZMAILT 11
- scroll window WINDEX 30
- Scroll Windows SCROLL 3
- Scroll Windows SCROLL 1
- tv:** **scroll-item-leader-offset** variable SCROLL 11
- tv:** **scroll-maintain-list** function RN 105, SCROLL 13
- tv:** **scroll-maintain-list** init function can take arguments RN 105
- scroll-mouse-mixin** SCROLL 9
- tv:** **scroll-mouse-mixin** flavor SCROLL 9
- tv:** **scroll-parse-item** function SCROLL 5, 9
- scroll-window** flavor SCROLL 3
- scroll-window-with-typeout** flavor SCROLL 3
- Scrolling LMS 12, WINDEX 76
- scrolling WINDEX 76
- scrolling WINDEX 76
- scrolling ZMAILC 5
- scrolling LMS 12
- scrolling WINDEX 76, 78
- scrolling ZMAILC 5
- scrolling FED 25
- scrolling FED 25
- Scrolling summary window ZMAILT 13
- Scrolling the drawing FED 25
- Scrolling windows LMS 12
- Search ZMACS 86
- Search ZMACS 87
- Search ZMACS 88
- Search (c-R) TOOLS 54
- Search (c-S) TOOLS 53
- Search (m-X) TOOLS 54
- Search (m-X) Zmacs command ZMACS 95
- search and replace ZMACS 94
- Search Domains ZMACS 94
- Search rule for invoking handlers COND 23, 29
- Search rules PROT 3
- Search Spaces ZMAILC 13
- search spaces ZMAILC 13
- Search] TOOLS 54
- Search] TOOLS 53
- search-rules** keyword for **terminal-f-argument** attribute PROT 18
- [Bury] Edit
- [Move Window] Edit
- :create-screen-array** message to
- :redirect-screen-array** message to
- Black-and-white
- Color
- Deexposed
- [Edit
- [Split
- [Edit
- [Split
- c-m-v
- Mouse-sensitive text
- Using the mouse to
- Text
- Basics of
- Introduction:
- tv:**
- tv:**
- tv:**
- :type-alist** init option for **tv:**
- tv:**
- tv:**
- tv:**
- tv:**
- Flashy
- Margin
- Message window
- Mouse
- Slow
- Summary window
- Using the CONTROL key in horizontal
- Using the META key in horizontal
- Incremental
- Reverse Incremental
- String
- Reverse
- Incremental
- Tags
- Tags
- Global
- Tags Tables and
- Defining Message
- Message
- c-R (Reverse
- c-S (Incremental

| | |
|--|--|
| | search-rules: namespace object attribute PROT 18 |
| Table | searches PRIM 32 |
| | Searching TOOLS 53, ZMACS 86 |
| String | Searching ARR 31 |
| | Searching for Appropriate Commands ZMACS 35 |
| Handler-list | searching functions COND 30 |
| | Searching, Replacing, and Sorting ZMACS 85 |
| | [Search] Jump menu item ZMAILC 17 |
| | Second MISCUI 1 |
| Elapsed Time in 60ths of a | Second MISCUI 2 |
| | Second argument to si:install-microcode now optional RN 94 |
| | second function PRIM 20 |
| | Second Mode Line ZMAILT 7 |
| | secondary-name-server keyword for terminal-f-argument attribute PROT 19 |
| | secondary-name-server: namespace object attribute PROT 19 |
| CHNCP.GSF global | section RN 109 |
| | Sections in constraint frames WINDOC 93 |
| | :secure-p option for net:define-server PROT 50 |
| | secure-subnets: site object attribute PROT 17 |
| | Seed for random number generator PRIM 80 |
| Based on the Stack of Recently Message not yet | Seen Messages ZMAILC 18 |
| | seen status ZMAILT 3 |
| | SELECT LMS 42 |
| | [Select (R)] Zmail command ZMAILC 27 |
| | Select All Buffers As Tag Table (m-X) TOOLS 54 |
| | Select All Buffers As Tag Table (m-X) Zmacs command ZMACS 94 |
| | Select All Conversations By References (m-X) Zmail command RN 130 |
| | Select Arbitrary Format Mail File (m-X) Zmail command ZMAILC 34 |
| | Select Buffer ZMACS 27, 105 |
| | Select Buffer (c-X B) TOOLS 55 |
| c-X B | Select Buffer (c-X B) Zmacs command RN 125 |
| | (Select Buffer) TOOLS 55 |
| | SELECT C ZMACS 30 |
| | SELECT C command CONV 1 |
| | SELECT commands WINDOC 53 |
| | Select Conversation (m-X) Zmail command ZMAILC 19 |
| | Select Conversation By References (m-X) Zmail command RN 130, ZMAILC 21 |
| New [map Over] Menu Item: | [select Conversation] RN 130 |
| | [Select Conversation] Map Over menu item RN 130 |
| | Select Default Previous Buffer ZMACS 105 |
| | SELECT E ZMACS 10 |
| | SELECT E TOOLS 9 |
| | SELECT E ZMACS 30 |
| | SELECT F ZMACS 30 |
| | SELECT F command FILE 67 |
| | SELECT I TOOLS 99 |
| | SELECT I ZMACS 30 |
| | SELECT key 3600 5, WINDOC 41, 53, WINDEX 75, 76 |
| | SELECT key ZMACS 30 |
| | SELECT key LMS |
| New Using the | SELECT Key Options LMS 35 |
| | SELECT key with windows LMS 15 |
| | SELECT L ZMACS 30 |
| | SELECT L command ZMAILT 24 |
| | SELECT M ZMACS 30 |
| | SELECT M command ZMAILT 3, 17, 24 |
| Character | Select menu FED 5 |
| [Mark survey] | Select menu item ZMAILC 28 |
| [Read/Create file] Zmail | Select menu item ZMAILC 27 |

- Inspecting a
 - select method MISCT 3
 - :select** option for **fquery** MISCUI 10
 - SELECT P ZMACS 30
 - Select Pane FED 33
 - select pane FED 33
 - Select Previous Buffer ZMACS 105
 - Select Previous Buffer (c-m-L) TOOLS 55
 - Select Previous Buffer (c-m-L) Zmacs command RN 125
- The Character
 - (Select Previous Buffer) TOOLS 55
- Using the mouse in the character
 - Select Referenced Msg (m-X) Zmail command ZMAILC 21
 - Select References (m-X) Zmail command ZMAILC 21
 - select** special form FLOW 6
 - Select System As Tag Table (m-X) TOOLS 54
 - Select System As Tag Table (m-X) Zmacs command ZMACS 95
- c-m-L
 - SELECT T ZMACS 30
- New Terminal Program
 - SELECT T LMS 35
 - SELECT T command 3600 5
 - SELECT T command RN 114
 - SELECT T key LMS 35
- New terminal program
 - (SELECT T) RN 114
 - Select Tag Table (m-X) Zmacs command ZMACS 94
 - SELECT X ZMACS 30
 - SELECT X command MISCT 7
 - SELECT X command RN 114
 - SELECT X key LMS 35
 - (SELECT X) RN 114
- New feature: Flavor Examiner Can't
 - select Zmail ZMAILT 24
 - Select-method FUNC 11
 - Select-method functions FUNC 11
 - :select-method** returned by **typep** PRIM 5
 - :select-method-order** option for **defflavor** FLAV 35
- 3600
 - select-methods handle **:operation-handled-p** and **:send-if-handles** RN 81
- tv:
 - select-or-create-window-of-flavor** function RN 104, WINDEX 77, MENUS 40
 - :select-pane** method of **tv:basic-frame** WINDEX 76
- 3600 FEP files
 - Selected buffer ZMACS 104
- LM-2 band
 - selected for dumping TAPE 14
- Systems
 - selected for dumping TAPE 15
- The
 - Selected Window WINDOC 17
 - :selected-choice-font** init option for **tv:basic-choose-variable-values** MENUS 74
 - :selected-pane** init option for **tv:basic-constraint-frame** WINDEX 76
- tv:
 - selected-window** variable WINDOC 17
 - Selecting ZMAILC 17
 - Selecting a Character FED 9
 - Selecting a Font FED 8, 30
 - Selecting and Creating Windows LMS 15
 - Selecting Filters ZMAILC 8
 - Selecting Mail Buffers/Files ZMAILC 27
 - Selecting mail files ZMAILC 27
 - Selecting messages ZMAILT 13, ZMAILC 17
 - Selecting messages based on filter ZMAILT 53, ZMAILC 17
 - Selecting messages based on position ZMAILT 53, ZMAILC 17
 - Selecting messages based on string ZMAILT 53, ZMAILC 17
 - Selecting microcode version TAPE 14
 - Selecting multiple menu items MENUS 41
 - Selecting paths PROT 36
 - Selecting protocol PROT 36
 - Selecting system to be dumped TAPE 15

- Configuring and
 - Selecting Universes ZMAILC 13
 - Selecting Windows ZMAILT 42
 - Selecting, Listing, and Examining Buffers ZMACS 104
- Hardcopy device
 - selection HARD 1
- Printer
 - selection HARD 1
- FUNCTION Key:
 - Selection and Notification Commands LMS 39
- Filter
 - Selection Display ZMAILC 10, 17
- Universe
 - Selection Display ZMAILC 13
- [New filter] Filter
 - Selection Display menu item ZMAILC 10
- [New universe] Universe
 - Selection Display menu item ZMAILC 13
- [Not] Filter
 - Selection Display menu item ZMAILC 8
- [Unseen] Filter
 - Selection Display menu item ZMAILC 31
- Changing default
 - selections for tape access TAPE 11
 - Selective evaluation in macro definitions MAC 7
 - [Selective Open] File System Editor menu item FSED 1
 - :selective** option for **load-patches** MAINT 33
 - :selective** option for **make-system** MAINT 13
- Improvements to **make-system: error-restart**,
 - selective transformations RN 94
 - selector** special form FLOW 7
 - selectq** special form FLOW 5
 - selectq-every** special form FLOW 8
- m-SUSPEND
 - selects frame with **break** read function for Debugger RN 116
 - [Select] System Menu command CONV 1
 - [Select] Zmail menu item ZMAILC 8, 13, 28, 29
- self** MENUS 91
- Send message to
 - self** EVAL 18
 - Self Insert and Complete ZMACS 43, 44
 - self** on the LM-2 and the 3600 3600 17
 - self** variable 3600 17, FLAV 30
- Keyword Symbols Are
 - Self-evaluating RN 13
 - Semicolon NOTA 1
 - Semicolon (;) comment indicator ZMACS 157
 - Semicolon (;) macro character PRIM 98
 - SEND RN 109, NETIO 65
 - Send a packet NETIO 81
 - Send EOF NETIO 81
 - send** function EVAL 18, FLAV 15
 - Send mail MISCU 1
 - Send message to **self** EVAL 18
 - [Send Msg] Editor menu item ZMAILT 46
 - SEND protocol NETIO 65
 - send** Service PROT 59
 - :send-all-exposed-panes** method of **tv:basic-constraint-frame** WINDOC 100
 - :send-all-panes** method of **tv:basic-constraint-frame** WINDOC 100
 - :send-command** method for **lgp:basic-lgp-stream** TOOLS 115
 - :send-coordinates** method for **lgp:basic-lgp-stream** TOOLS 115
 - 3600 select-methods handle **:operation-handled-p** and **:send-if-handles** RN 81
 - :send-if-handles** message FLAV 48, STR 10
 - :send-pane** method of **tv:basic-constraint-frame** WINDOC 99
 - chaos: send-pkt** function RN 108, NETIO 89
 - chaos: send-string** function NETIO 89
 - chaos: send-unc-pkt** automatically returns the packet to the free pool RN 108
 - chaos: send-unc-pkt** function RN 108, NETIO 90
 - Message
 - sender ZMAILT 3
 - Sender field ZMAILT 37
 - Sender reply mode ZMAILT 13, 35
 - Sending a CLS packet NETIO 57
 - Sending a message FLAV 9, 57

- :force-output** serial I/O parameter NETIO 27
- :generate-xon-xoff** serial I/O parameter NETIO 27
- :input-error-character** serial I/O parameter RN 109, NETIO 27
- :input-xoff-character** serial I/O parameter RN 109, NETIO 27
- :input-xon-character** serial I/O parameter RN 109, NETIO 27
- :mode** serial I/O parameter NETIO 27
- :number-of-data-bits** serial I/O parameter NETIO 27
- :number-of-stop-bits** serial I/O parameter NETIO 27
- :output-xoff-character** serial I/O parameter RN 109, NETIO 27
- :output-xon-character** serial I/O parameter RN 109, NETIO 27
- :parity** serial I/O parameter NETIO 27
- :request-to-send** serial I/O parameter NETIO 27
- :unit** serial I/O parameter NETIO 27
- :xon-xoff-protocol** serial I/O parameter NETIO 27
- Reading
 - Serial I/O Parameters NETIO 27
 - serial I/O parameters NETIO 25
 - serial I/O parameters NETIO 25
 - Serial I/O Port NETIO 109
 - Serial I/O Port Troubleshooting NETIO 30
- Create
 - serial I/O stream NETIO 25
 - Serial I/O stream creation parameters NETIO 27
 - Serial I/O Stream: 3600 Serial I/O NETIO 25
 - Serial I/O: Parity Recovery and Xon/Xoff Character Setting RN 109
- The
 - serial value of **interface** printer attribute HARD 5
- Changes to
 - serial-hdlc-mixin** RN 111, NETIO 32
 - serial-hdlc-mixin** RN 111, NETIO 32
 - serial-hdlc-stream** flavor RN 110, NETIO 32
 - serial-stream** NETIO 26
 - serial-stream** NETIO 26
- :read-frame** method of **si:**
- :write-frame** method of **si:**
- si:**
- :get** method of **si:**
- :put** method of **si:**
- :host** option for
- :trusted-p** option for
 - Gateway
 - Invoking a Namespace
 - PDP-10 file
 - Primary namespace
 - File
- Finding a
 - server computer FILE 1
 - Server connection NETIO 80
 - Server Description PROT 81
 - [Server Errors] File System Maintenance menu item SITE 1
 - Server Files PROT 21
 - Server Function PROT 81
 - Server functions NETIO 86
 - Server functions for datagram protocols PROT 82
 - server host TAPE 11
 - server message ZMAILT 35
 - Server process NETIO 42
 - Server Programs NETIO 79
 - Server Programs NETIO 83
 - [Server Shutdown] File System Maintenance menu item SITE 1
- Lisp Machine Namespace
 - Calling the
- Tape
- Mail
- ITS Implementation
- Tops-20/TENEX Implementation
- chaos:** **server-alist** PROT 50
- chaos:** **server-alist** variable NETIO 86
- neti:** **server-argument-descriptions** function PROT 83
- neti:** **server-function** function PROT 83
- neti:** **server-machine:** host object attribute PROT 8
- neti:** **server-medium-type** function PROT 83
- neti:** **server-number-of-arguments** function PROT 83
- neti:** **server-property-list** function PROT 83
- neti:** **server-protocol-name** function PROT 81, 83
- Server-side NETIO 86
- Servers PROT 50
- servers NETIO 64
- servers PROT 83
- Servers PROT 83
- Access files on network file
- List all supported
- Reference Material: Starting

- Remote file servers STR 59
- Starting Servers PROT 80
- TOPS-20 file servers STR 59
- netl: ***servers*** variable PROT 81, 83
- band-transfer** Service PROT 54
- file** Service PROT 54
- Gmsgs service ZMAILC 35
- hardcopy** Service PROT 54
- hardcopy-device-status** Service PROT 55
- hardcopy-status** Service PROT 56
- lispm-finger** Service PROT 56
- login** Service PROT 56
- mail-to-user** Service PROT 57
- Multiple paths to a service PROT 41
- namespace** Service PROT 58
- namespace-timestamp** Service PROT 58
- notify** Service PROT 58
- packet-gateway** Service PROT 58
- print-disk-label** Service PROT 59
- pseudonet-gateway** Service PROT 59
- screen-spy** Service PROT 59
- send** Service PROT 59
- show-users** Service PROT 60
- status** Service PROT 60
- store-and-forward-Mail** Service PROT 60
- tape** Service PROT 61
- tcp-gateway** Service PROT 61
- time** Service PROT 61
- uptime** Service PROT 61
- who-am-I** Service PROT 62
- Service access path PROT 39
- :service** attribute PROT 36, 42
- Service Descriptions PROT 39
- Service future PROT 40
- Service Futures PROT 40
- Service Lookup Mechanism PROT 75
- :service** step type PROT 42
- net: service-access-path-future-connected-p** function PROT 40
- service:** host object attribute PROT 8
- Services PROT 36
- Services PROT 38
- Services PROT 36
- Services and Protocols PROT 54
- Services supported by host PROT 8
- Set PRIM 32, PROT 2, 26
- set WINDOC 3, 6, 13
- set NETIO 25, 27
- set NOTA 1
- set ARR 25
- set 3600 13
- Set STR 3
- Set STR 3
- Set (LM-2) STOR 7
- Set all bits alu function WINDOC 34
- Set Backspace (m-X) TOOLS 11
- Set Backspace (m-X) Zmacs command ZMACS 128
- Set Base (m-X) TOOLS 11
- Set Base (m-X) Zmacs command ZMACS 128
- Set Chaos-address command NETIO 7
- Set commands ZMACS 128
- Set commands for file and buffer attributes ZMACS 127
- Set Comment Column ZMACS 158
- Set Comment Column (c-X ;) TOOLS 23
- (Set Comment Column) TOOLS 23
- Set date dumped-dump parameter SITE 5
- Set Default-disk-unit command NETIO 7
- c-X ;

- Instruction set definition 3600 19
- Set Disk-type command NETIO 7
- Set edge parameters MENUS 98
- Set Fill Column ZMACS 180
- Set Fill Column (c-X F) TOOLS 12
- c-X F (Set Fill Column) TOOLS 12
- Set Fill Prefix ZMACS 83
- Set Fonts ZMAILT 11
- Set Fonts (m-X) TOOLS 11
- Set Fonts (m-X) Zmacs command ZMACS 128
- set** function PRIM 53
- Dired Set Generation Retention Count ZMACS 139
- Set Goal Column ZMACS 57
- Set Key (m-X) TOOLS 59
- Set Key (m-X) Zmacs command ZMACS 191
- Set Lowercase (m-X) TOOLS 11
- Set Lowercase (m-X) Zmacs command ZMACS 128
- Set Microcode-name-and-version command NETIO 7
- Set Nofill (m-X) TOOLS 11
- Set Nofill (m-X) Zmacs command ZMACS 128
- Set number of columns MENUS 14, 98
- Creating a Set of Condition Flavors COND 8
- Window into the Set of constraints WINDOC 87
- set of packet numbers NETIO 50
- Set Package (m-X) TOOLS 11
- Set Package (m-X) offers to create a package RN 123
- Set Package (m-X) Zmacs command RN 123, ZMACS 126, 127, 128
- Set Patch File (m-X) TOOLS 11
- Set Patch File (m-X) Zmacs command ZMACS 128
- [Set Points] Font Editor draw mode menu item FED 11
- Set Pop Mark ZMACS 76
- Set Pop Mark (c-SPACE) TOOLS 55
- c-SPACE (Set Pop Mark) TOOLS 55
- set** primitive type PROT 30
- [Set Sample] Font Editor menu item FED 23, 30
- Working set size for the garbage collector STOR 9
- Set sleep time between updates Peek command MISCU 3
- Set Tab Width (m-X) TOOLS 11
- Set Tab Width (m-X) Zmacs command ZMACS 128
- Set the receive window size NETIO 81
- Set the RFC timeout period NETIO 81
- Disable all character set translation in ASCII files STR 59
- Character Set Translation in QFILE PROT 88
- QFILE NORMAL character set translation mode PROT 88
- QFILE RAW character set translation mode PROT 90
- QFILE SUPER-IMAGE character set translation mode PROT 90
- Set Variable ZMACS 194
- Set Variable (m-X) command INED 17
- Set Variable (m-X) Zmacs command ZMACS 194
- Set Visited File Name (m-X) Zmacs command ZMACS 110
- Set Vsp (m-X) TOOLS 11
- Set Vsp (m-X) Zmacs command ZMACS 128
- [Set \] Inspector menu item MISCT 5
- zwei:** ***set-attribute-update-list*** global variable ZMACS 128
- zwei:** ***set-attribute-updates-list*** variable RN 126
- :set-border-margin-width** method of **tv:borders-mixin** WINDOC 85
- :set-borders** method of **tv:borders-mixin** WINDOC 84
- :set-character** method of **tv:character-blinker** WINDOC 67
- set-character-translation** function PRIM 105

- :set-configuration** method of
 - tv:basic-constraint-frame** WINDOC 100
- set-current-band** function 3600 27, SIG 44, SITE 18
- :set-current-font** method of **tv:sheet** WINDOC 57
- set-current-microload** function 3600 27, SIG 44, SITE 18
- si:**
 - set-current-world-load** function 3600 27
 - :set-cursorpos** message STR 16
 - :set-cursorpos** method of
 - si:make-hardcopy-stream** HARD 10
 - :set-cursorpos** method of **tv:blinker** WINDOC 65, WINDEX 19
 - :set-cursorpos** method of **tv:sheet** WINDOC 27
 - :set-deexposed-typein-action** method of **tv:sheet** WINDOC 31
 - :set-deexposed-typeout-action** method of **tv:sheet** WINDOC 31
- tv:**
 - set-default-font** function RN 149
 - :set-default-font** message **tv:menu** MENUS 101
- tv:** **set-default-font** not supported RN 149
- si:** **set-default-hardcopy-device** function HARD 7
- fs:** **set-default-pathname** function FILE 29
- tv:**
 - set-default-window-size** function WINDOC 81
 - :set-deselected-visibility** method of **tv:blinker** WINDOC 66
 - :set-display-item** message SCROLL 3
 - :set-display-item** method of **tv:basic-scroll-window** SCROLL 3
 - :set-edges** message **tv:menu** MENUS 101
 - :set-edges** method of **tv:essential-set-edges** WINDOC 81
 - SET-FILE-SYSTEM QFILE command PROT 115
 - :set-fill-p** message **tv:menu** MENUS 14
 - :set-follow-p** method of **tv:blinker** WINDOC 65
 - :set-font** method of **si:make-hardcopy-stream** HARD 10
 - :set-font-map** method of **tv:sheet** WINDOC 56
 - :set-geometry** message **tv:menu** MENUS 14
 - set-globally** PRIM 53
 - :set-half-period** method of **tv:blinker** WINDOC 66
 - :set-highlighted-items** message **tv:menu-highlighting-mixin** MENUS 43
 - :set-highlighted-values** message **tv:menu-highlighting-mixin** MENUS 43
 - :set-hysteresis** method of **tv:hysteretic-window-mixin** WINDOC 73
 - set-in-closure** function FUNC 34
 - set-in-instance** function FLAV 32
 - :set-inside-size** method of **tv:essential-set-edges** WINDOC 80
 - :set-interval-string** message to **zwei:standalone-editor-frame** MISCUI 23
 - :set-io-buffer** message WINDOC 41
 - :set-io-buffer** message **tv:command-menu** MENUS 31
 - :set-item-list** message **tv:menu** MENUS 101
 - :set-label** message **tv:menu** MENUS 102
 - :set-label** method of **tv:label-mixin** WINDOC 86
- time:** **set-local-time** function MISCUI 2
- Previously undocumented function: **fs:** **set-logical-pathname-host** RN 38
- fs:** **set-logical-pathname-host** function RN 38, WINDEX 74, FILE 52
- set-mar** function 3600 27
- dbg:** **set-mar** function DEBUG 37
- :set-margin-choices** message **tv:margin-choice-mixin** MENUS 92
- set-memory-size** function 3600 27, 32, MISCF 3
- set-memory-size:** Features not existing on the

- 3600 3600 32
- :set-more-p** method of **tv:sheet** WINDOC 30
- :set-name** method of
- tv:changeable-name-mixin** WINDOC 86
- SET-NIL instruction INT 44, 52
- :set-offline** message to tape streams TAPE 4
- chaos:** **set-pkt-string** function NETIO 89
- :set-pointer** message STR 17
- :set-position** method of
- tv:essential-set-edges** WINDOC 81
- :set-priority** method of **si:process** PROC 16
- :set-proceed-types** method of **condition** COND 50
- si:** **set-process-wait** function PROC 22
- :set-property-list** method of
- si:property-list-mixin** FLAV 66
- :set-quantum** method of **si:process** PROC 16
- :set-reverse-video-p** method of **tv:sheet** WINDOC 31
- :set-save-bits** message WINDOC 6
- si:** **set-savenger-ws** function STOR 7, 12
- si:** **set-screen-hardcopy-device** function HARD 7
- :set-sheet** method of **tv:blinker** WINDOC 66
- net:** **set-site** function SIG 35
- :set-size** method of
- tv:essential-set-edges** WINDOC 80
- :set-size** method of **tv:rectangular-blinker** WINDOC 66, WINDEX 19
- :set-size-in-characters** method of
- tv:sheet** WINDOC 80
- :set-space** method of **tv:margin-space-mixin** RN 75
- set-syntax-#-macro-char** function PRIM 99, 106
- set-syntax-from-char** function PRIM 105
- set-syntax-from-description** function RN 18, PRIM 106
- set-syntax-macro-char** function PRIM 98, 105
- si:** **set-system-source-file** function MAINT 11, WINDEX 74
- set-system-status** function MAINT 37
- :set-truncate-line-out** method of **tv:sheet** RN 102, WINDOC 32
- :set-type-alist** message SCROLL 9
- :set-variables** message
- tv:choose-variable-values-window** MENUS 75
- :set-visibility** method of **tv:blinker** WINDOC 65, WINDEX 19
- :set-vsp** method of **tv:sheet** WINDOC 31
- :set-warm-boot-action** method of **si:process** PROC 17
- SET-ZERO instruction INT 44, 52
- setarg** function EVAL 23
- SETE-1+ instruction INT 44, 52
- SETE-1- instruction INT 44, 52
- SETE-CDDR instruction INT 44
- SETE-CDR instruction INT 44
- setf** macro MAC 35, SCROLL 6
- setf** special form 3600 17, MAC 35
- setplist** function PRIM 57
- setq** special form EVAL 5
- setq-globally** special form MISCF 13
- sets NETIO 45, 63
- sets NETIO 23
- setsyntax** PRIM 107
- setsyntax** PRIM 107
- setsyntax** PRIM 107
- setsyntax** PRIM 107
- setsyntax** function PRIM 107
- Character
- Data
- :macro** argument to
- :single** argument to
- :splicing** argument to
- nil argument to

- setsyntax-sharp-macro** function PRIM 107
- :settable-instance-variables** option for **defflavor** FLAV 13, 35, 57
- SETTABLE-PROPERTIES file system property PROT 118
- Changes to Serial I/O: Parity Recovery and Xon/Xoff Character Setting RN 109
- Setting and Saving Options ZMAILC 7
- Setting Chaosnet address NETIO 7
- Setting disk type NETIO 7, 13
- Setting Keywords ZMAILC 25
- Setting parameter options to programs MENUS 66
- Setting serial I/O parameters NETIO 25
- Setting the Major Mode ZMACS 143
- Setting the Size of the Scavenger Working Set (LM-2) STOR 7
- Getting and Setting the Time MISCUI 2
- Setting variables EVAL 3
- Settings ZMACS 193
- settings ZMAILC 7
- :setup** message
 - tv:choose-variable-values-window** MENUS 75
 - :setup** message **tv:multiple-choice** MENUS 55
- seventh** function PRIM 20
- several columns MENUS 2, 47
- Sexp ZMACS 54
- Sexp ZMACS 25, 69
- Sexp ZMACS 54
- Sexp ZMACS 151
- Sexp ZMACS 25, 69
- Sexp ZMACS 80
- Sexp (c-m-K) TOOLS 57
- Sexp (c-m-Q) TOOLS 23
- Sexp (c-m-RUBOUT) TOOLS 57
- :sexp** variable type MENUS 59
- Sexp) TOOLS 57
- Sexp) TOOLS 23
- Sexp) TOOLS 57
- Sexps ZMACS 70
- SG INT 1
- :sg-area** option for **make-process** PROC 11
- :sg-area** option for **make-stack-group** 3600 29, INT 5
- sys:** **sg-previous-stack-group** function INT 3
- sg-return-unsafe** function 3600 27
- sg-state** of currently running stack group INT 27
- sys:** **sg-state-active** stack group state INT 4
- sys:** **sg-state-awaiting-error-recovery** stack group state INT 4
- sys:** **sg-state-awaiting-initial-call** stack group state INT 4
- sys:** **sg-state-awaiting-return** stack group state INT 4
- sys:** **sg-state-exhausted** stack group state INT 4
- sys:** **sg-state-invoke-call-on-return** stack group state INT 4
- sys:** **sg-state-resumable** stack group state INT 4
- Import, Export, and Shadow PKG 45
- shadow** function PKG 8, 27, 45
- :shadow** option for **defpackage** PKG 8, 33
- :shadow** option for **make-package** PKG 8, 35
- :shadow** proceed type PKG 51
- :shadow-import** option for **defpackage** PKG 33
- Shadowing PKG 5
- Shadowing package names PKG 16
- Shadowing Symbols PKG 8, 27, 45
- shadowing-import** function PKG 7, 8, 27, 45
- Shadowing-import operation PKG 7

- Blinker
- Change in window
- Streams
- :backspace-not-overprinting-flag** init option for tv:
- :baseline** method of tv:
- :bitblt** method of tv:
- :bitblt-from-sheet** method of tv:
- :bitblt-within-sheet** method of tv:
- :bottom** init option for tv:
- :bottom-margin-size** method of tv:
- :change-of-size-or-margins** method for tv:
- :change-of-size-or-margins** method of tv:
- :character-height** init option for tv:
- :character-width** init option for tv:
- :character-width** method of tv:
- :clear-char** method of tv:
- :clear-eof** method of tv:
- :clear-eol** method of tv:
- :clear-rest-of-line** method of tv:
- :clear-rest-of-window** method of tv:
- :clear-screen** method of tv:
- :clear-window** method of tv:
- :compute-motion** method of tv:
- :cr-not-newline-flag** init option for tv:
- :current-font** method of tv:
- :deexposed-typein-action** init option for tv:
- :deexposed-typein-action** method of tv:
- :deexposed-typeout-action** init option for tv:
- :deexposed-typeout-action** method of tv:
- :delete-char** method of tv:
- :delete-line** method of tv:
- :delete-string** method of tv:
- :edges** init option for tv:
- :edges** method of tv:
- :font-map** init option for tv:
- :font-map** method of tv:
- :height** init option for tv:
- :home-cursor** method of tv:
- :home-down** method of tv:
- :init** method for tv:
- :init** method of tv:
- :insert-char** method of tv:
- :insert-line** method of tv:
- :insert-string** method of tv:
- :inside-edges** method of tv:
- :inside-height** init option for tv:
- :inside-size** init option for tv:
- :inside-size** method of tv:
- :inside-width** init option for tv:
- :integral-p** init option for tv:
- :left** init option for tv:
- :left-margin-size** method of tv:
- :margins** method of tv:
- :more-p** init option for tv:
- :more-p** method of tv:
- :shadowing-import** option for **defpackage** PKG 7, 8
- :shadowing-import** option for **make-package** PKG 7, 8, 35
- :shadowing-import** proceed type PKG 51
- shape** WINDOC 66
- shape** WINDOC 87
- :share** proceed type PKG 51
- :share** symbol in **:if-locked** option for **open** INT 69
- Shared file system FILE 1
- sharing common buffers RN 89
- Sharing I/O buffers WINDOC 88
- Sharing of Symbols Among Packages PKG 3
- Sharp sign (#) macro character PRIM 98
- Sharp sign reader macros PRIM 99
- Sharp-sign Abbreviations PRIM 99
- sheet** WINDOC 23, 31
- sheet** WINDOC 57
- sheet** WINDOC 35, WINDEX 59
- sheet** WINDOC 35
- sheet** WINDOC 35
- sheet** WINDOC 78
- sheet** WINDEX 41
- sheet** TOOLS 111
- sheet** WINDEX 8
- sheet** WINDOC 79
- sheet** WINDOC 78
- sheet** WINDOC 29
- sheet** WINDOC 28
- sheet** RN 44
- sheet** RN 44
- sheet** RN 44, WINDOC 28
- sheet** RN 44, WINDOC 28
- sheet** RN 44
- sheet** RN 44, WINDOC 28
- sheet** WINDOC 29
- sheet** WINDOC 23, 32
- sheet** WINDOC 56
- sheet** WINDOC 31
- sheet** WINDOC 31
- sheet** WINDOC 31
- sheet** WINDOC 31
- sheet** WINDOC 28
- sheet** WINDOC 28
- sheet** WINDOC 28
- sheet** WINDOC 78
- sheet** WINDOC 81
- sheet** WINDOC 56
- sheet** WINDOC 56
- sheet** WINDOC 78
- sheet** WINDOC 27
- sheet** WINDOC 27
- sheet** TOOLS 111
- sheet** WINDEX 8
- sheet** WINDOC 29
- sheet** WINDOC 29
- sheet** WINDOC 29
- sheet** WINDOC 82
- sheet** WINDOC 78
- sheet** WINDOC 78
- sheet** WINDOC 80
- sheet** WINDOC 78
- sheet** WINDOC 79
- sheet** WINDOC 77
- sheet** WINDEX 41
- sheet** WINDOC 82
- sheet** WINDOC 30
- sheet** WINDOC 30

- :name** init option for tv: **sheet** WINDOC 85
- :name** method of tv: **sheet** WINDOC 85
- :position** init option for tv: **sheet** WINDOC 78
- :position** method of tv: **sheet** WINDOC 81
- :read-cursorpos** method of tv: **sheet** WINDOC 27
- :refresh** method for tv: **sheet** TOOLS 111, 122
- :refresh** method of tv: **sheet** WINDEX 9
- :reverse-video-p** method of tv: **sheet** WINDOC 31
- :right** init option for tv: **sheet** WINDOC 78
- :right-margin-character-flag** init option for tv: **sheet** WINDOC 31
- :right-margin-size** method of tv: **sheet** WINDEX 41
- :set-current-font** method of tv: **sheet** WINDOC 57
- :set-cursorpos** method of tv: **sheet** WINDOC 27
- :set-deexposed-typein-action** method of tv: **sheet** WINDOC 31
- :set-deexposed-typeout-action** method of tv: **sheet** WINDOC 31
- :set-font-map** method of tv: **sheet** WINDOC 56
- :set-more-p** method of tv: **sheet** WINDOC 30
- :set-reverse-video-p** method of tv: **sheet** WINDOC 31
- :set-size-in-characters** method of tv: **sheet** WINDOC 80
- :set-truncate-line-out** method of tv: **sheet** RN 102, WINDOC 32
- :set-vsp** method of tv: **sheet** WINDOC 31
- :size** init option for tv: **sheet** WINDOC 78
- :size** method of tv: **sheet** WINDOC 80
- :size-in-characters** method of tv: **sheet** WINDOC 80
- :string-length** method of tv: **sheet** WINDOC 30
- :string-out** method of tv: **sheet** WINDOC 27
- :tab-nchars** init option for tv: **sheet** WINDOC 23, 32
- :top** init option for tv: **sheet** WINDOC 78
- :top-margin-size** method of tv: **sheet** WINDEX 41
- :truncate-line-out** method of tv: **sheet** RN 102, WINDOC 32
- :tyo** method of tv: **sheet** WINDOC 27
- :vsp** init option for tv: **sheet** WINDOC 31
- :vsp** method of tv: **sheet** WINDOC 31
- :who-line-documentation-string** method of tv: **sheet** WINDEX 18
- :width** init option for tv: **sheet** WINDOC 78
- :x** init option for tv: **sheet** WINDOC 78
- :y** init option for tv: **sheet** WINDOC 78
- Drawing on unprepared **sheet** error COND 57
- tv:** **sheet** flavor TOOLS 129, TOOLS 129
- tv:** **sheet-following-blinker** function TOOLS 129, TOOLS 129, WINDOC 66
- tv:** **sheet-force-access** macro WINDOC 9
- tv:** **sheet-force-access** special form WINDEX 57, 59
- :adjust-screen-array** message to sheets RN 79, WINDOC 9
- Binary left **shift** RN 17
- Shift bits 3600 29, PRIM 77
- Shift keys ZMACS 5
- shift keys WINDOC 75
- Shift Lock mode ZMACS 18
- Shift Lock Mode (m-X) TOOLS 12
- Shift Lock Mode (m-X) Zmacs command ZMACS 180
- Shifted Mouse Clicks Can Now Be Used for Editor Commands RN 103
- :short** day-of-the-week-representation MISCUI 7, 8
- cl:** **short-float** format RN 17, PRIM 95
- :short-name** option for **defsystem** MAINT 3
- short-name:** host object attribute PROT 6
- Should Not Halt the FEP RN 137
- should return nil for equal elements RN 144
- Show Configuration command NETIO 6
- Show Configuration Command Displays More Information RN 135
- Show Configuration FEP command RN 135
- Show Directory command NETIO 6
- Show Disk-label command NETIO 6
- Show File command NETIO 6
- Show File FEP command RN 134
- Unplugging Lemo Cables
- sort** predicate
- Symbolic names of
 - Electric
 - Electric
 - Electric

- The List Fonts and
Using the mouse with
- Show Font Displays FED 33
[Show Font] Font Editor menu item FED 5, 8, 9, 30
[Show Font] Font Editor menu item FED 9, 33
Show Hardcopy Status (m-X) replaces
chaos:print-lgp-queue RN 115
Show Hardcopy Status (m-X) Zmacs
command HARD 1
Show Hardcopy Status (m-X) Zwei command RN 115
Show Status command NETIO 6
Show Status Command Displays More Useful
Information RN 140
- FEP Show Status Command Output NETIO 17
Show Status FEP command RN 137, 140
Show Version command NETIO 6
- dbg:** ***show-backtrace*** variable DEBUG 14
:show-line method of
si:make-hardcopy-stream HARD 11
- tv:** **show-partially-visible-mixin** flavor WINDOC 14
:show-rectangle method of
si:make-hardcopy-stream HARD 11
show-users Service PROT 60
Showing Region ZMACS 117
Shrinking FED 21
- Two Windows
[Server Shutdown] File System Maintenance menu
item SITE 1
si package PKG 49
- Functions moved from the
si package to **global: deallocate-whole-resource,**
map-resource RN 13
si:*automatically-recover-from-hung-disks*
variable INT 64
si:*batch-mode-p* variable MAINT 21
si:*count-disk-device-checks* variable INT 67
si:*count-disk-ecc-errors* variable INT 67
si:*count-disk-errors-lost* variable INT 67
si:*count-disk-hung-restarts* variable INT 67
si:*count-disk-not-ready* variable INT 67
si:*count-disk-other-errors* variable INT 67
si:*count-disk-overruns* variable INT 67
si:*count-disk-search-errors* variable INT 67
si:*count-disk-seek-errors* variable INT 67
si:*count-disk-select-errors* variable INT 67
si:*count-disk-state-machine-errors* variable INT
67
si:*count-disk-stops-lost* variable INT 67
si:*count-total-disk-errors* variable INT 67
si:*file-transformation-function* variable MAINT 21
si:*flavor-compilations* variable FLAV 33
si:*flavor-compile-trace* variable FLAV 33
si:*full-gc-for-system-release* variable STOR 8
si:*hairy* symbol FUNC 16, 22
si:*hardcopy-default-fonts* HARD 7
si:*hardcopy-default-fonts* HARD 7
si:*hardcopy-default-fonts* HARD 7
si:*make-system-forms-to-be-evald-after*
variable MAINT 21
si:*make-system-forms-to-be-evald-before*
variable MAINT 21
si:*make-system-forms-to-be-evald-finally*
variable MAINT 21
si:*n-disk-retries* variable INT 62, 64
si:*print-object-error-message* variable COND 63
si:*query-type* variable MAINT 21
si:*read-extended-ibase-signed-number*
variable RN 20, PRIM 97
si:*read-extended-ibase-unsigned-number*
variable RN 19, PRIM 96
si:*read-multi-dot-tokens-as-symbols*
variable PRIM 98
- :default-font** keyword to
:header-font keyword to

si:redo-all* variable MAINT 21
si:signal-disk-errors-from-enqueue-p*
 variable INT 64
si:silent-p* variable MAINT 21
si:system-being-defined* variable MAINT 23
si:system-being-made* variable MAINT 21
si:top-level-transformations* variable MAINT 21
si:trace-bar-p* variable RN 97, DEBUG 23
si:trace-bar-rate* variable RN 97, DEBUG 23
si:trace-columns-per-level* variable RN 97,
 DEBUG 23
si:trace-old-style* variable RN 97, DEBUG 23
si:unknown* symbol FUNC 16, 22
si:user* variable PROT 26
si:advise-1 function DEBUG 27
si:advised-functions variable DEBUG 27
si:allocate-unibus-map function NETIO 105
si:alphabetic syntax description RN 18, PRIM 106
si:bitscale RN 17

New descriptions:

si:bitscale, si:digitscale,
si:non-terminating-macro RN 17
si:break syntax description RN 18, PRIM 106
si:checksum-band function SIG 33, SITE 28
si:circlex syntax description RN 18, PRIM 106
si:clear-band function SIG 44
si:compare-band function SIG 34, SITE 29
si:compress-band function SITE 23
si:copy-disk-partition function SIG 45
si:coroutine-bidirectional-stream flavor RN 92,
 STR 24
si:coroutine-input-stream flavor RN 92, STR 24
si:coroutine-output-stream flavor RN 92, STR 24
si:current-band function SIG 44
si:current-loaded-band variable SIG 43
si:current-microload function SIG 44
si:data-types function INT 12
si:deallocate-unibus-map function NETIO 106
si:define-defsystem-special-variable special
 form MAINT 23
si:define-make-system-special-variable special
 form MAINT 22
si:define-simple-transformation special
 form MAINT 23

The

si:deconstruct-description property DEFS 5, 27
si:deconstruct-description Structure DEFS 27
si:describe-partition function SIG 45
si:describe-partitions function SIG 45
si:describe-system-versions function SIG 37
si:digitscale, si:non-terminating-macro RN 17
si:disk-array resource INT 57
si:disk-array-area variable INT 57
si:disk-array-block-count function INT 57
si:disk-array-checkwords function INT 57
si:disk-block-length-in-bytes variable INT 56
si:disk-error-event INT 64
si:disk-error-event INT 65
si:disk-error-event INT 65
si:disk-error-event flavor INT 64
si:disk-error-event resource INT 58
si:disk-event-count function INT 59
si:disk-event-enq-task function INT 59
si:disk-event-error-cylinder function INT 60
si:disk-event-error-dcw function INT 61
si:disk-event-error-flushed-transfer-count
 function INT 60
si:disk-event-error-head function INT 60
si:disk-event-error-sector function INT 60
si:disk-event-error-string function INT 60

New descriptions: **si:bitscale,**

:disk-event method of
:error-type method of
:flushed-transfer-count method of

- si:disk-event-error-type** function INT 59, 62
 - si:disk-event-error-unit** function INT 60
 - si:disk-event-size** function INT 59
 - si:disk-event-suppress-error-recovery** function INT 60, 62
 - si:disk-event-task-done-p** function INT 59
 - si:disk-pack-name** variable SIG 43
 - si:disk-sector-data-size32** variable INT 56
 - si:doublequote** syntax description RN 18, PRIM 106
 - si:edit-disk-label** function SIG 43, SITE 18
 - si:edit-fep-label** function INT 83
 - si:encapsulate** macro FUNC 25
 - si:encapsulated-definition** debugging info alist element FUNC 24
 - si:encapsulated-function** variable FUNC 24
 - si:encapsulation-standard-order** variable FUNC 27
 - si:eq-hash-table** PRIM 43
 - si:eq-hash-table** PRIM 43
 - si:eq-hash-table** PRIM 43
 - si:eq-hash-table** PRIM 43
 - si:eq-hash-table** flavor PRIM 43
 - si:equal-hash** function PRIM 48
 - si:equal-hash-table** PRIM 44
 - si:equal-hash-table** flavor PRIM 44
 - si:flavor-allowed-init-keywords** function FLAV 32, TOOLS 133, TOOLS 133
 - si:flavor-default-init-get** function FLAV 33
 - si:flavor-default-init-putprop** function FLAV 33
 - si:flavor-default-init-remprop** function FLAV 33
 - si:full-gc** STOR 8
 - si:full-gc** function RN 73, 3600 32, STOR 8, 13
 - si:full-gc** function STOR 8
 - si:function-spec-get** function FUNC 21
 - si:function-spec-putprop** function FUNC 21
 - si:gc-area-reclaim-report** variable STOR 10
 - si:gc-flip-inhibit-time-until-warning** variable STOR 12
 - si:gc-flip-minimum-ratio** variable STOR 11
 - si:gc-flip-ratio** variable STOR 10
 - si:gc-reclaim-immediately** RN 148
 - si:gc-reclaim-immediately** variable RN 148, STOR 11
 - si:gc-reclaim-immediately-if-necessary** variable STOR 11
 - si:gc-report-stream** variable STOR 10
 - si:gc-warning-ratio** variable STOR 10
 - si:gc-warning-threshold** variable STOR 10
 - si:get-release-version** function MAINT 30
 - si:get-site-option** function PROT 28
 - si:get-system-version** function MAINT 29, SIG 37
 - si:halt** function RN 133, LMS 34, NETIO 3
 - si:halt** replaces **sys:%halt** RN 133
 - si:hardcopy-from-stream** function HARD 10
 - si:hardcopy-text-file** function HARD 9
 - si:inhibit-gc-flips** macro STOR 12
 - si:initial-process** variable PROC 6
 - si:initial-readtable** variable MISC 7, PRIM 104
 - si:initialization-keywords** variable INIT 3
 - si:install-microcode** function RN 94, FILE 73, SITE 24
 - si:install-microcode** now optional RN 94
 - si:lisp-top-level** function MISC 7
 - si:lisp-top-level1** function MISC 7
 - si:load-binary-file** function 3600 13
 - si:load-binary-file** function 3600 27
 - si:load-mcr-file** function SITE 24
 - si:login-history** variable SITE 22
 - si:login-to-sys-host** function SIG 35
- :area** init option for
- :growth-factor** init option for
- :rehash-before-cold** init option for
- :size** init option for
- :rehash-threshold** init option for
- :system-release** options for
- The
- Known problem with
- Second argument to
- load or

- :convert-to-device-units** method of
 - :eject-page** method of
 - :set-cursorpos** method of
 - :set-font** method of
 - :show-line** method of
 - :show-rectangle** method of
 - :un-relative-coordinates** method of
- New functions:
- :force-output** option for
- New descriptions: **si:bitscale**, **si:digitscale**,
- New function:
- :no-pointer** option to
 - :typep** option to
 - :active-p** method of
 - :arrest-reason** method of
 - :arrest-reasons** method of
 - :flush** method of
 - :initial-form** method of
 - :initial-stack-group** method of
 - :interrupt** method of
 - :kill** method of
 - :name** method of
 - :preset** method of
 - :priority** method of
 - :quantum** method of
 - :quantum-remaining** method of
 - :reset** method of
 - :revoke-arrest-reason** method of
 - :revoke-run-reason** method of
 - :run-reason** method of
 - :run-reasons** method of
- si:loop-named-variable** function FLOW 58
 - si:loop-tassoc** function FLOW 58
 - si:loop-tequal** function FLOW 58
 - si:loop-tmember** function FLOW 58
 - si:loop-use-system-destructuring?** variable FLOW 50
 - si:macro** syntax description RN 18, PRIM 106
 - si:make-coroutine-bidirectional-stream** function RN 91, STR 24
 - si:make-coroutine-input-stream** function RN 91, STR 23
 - si:make-coroutine-output-stream** function RN 91, STR 23
 - si:make-hardcopy-stream** HARD 11
 - si:make-hardcopy-stream** HARD 10
 - si:make-hardcopy-stream** HARD 10
 - si:make-hardcopy-stream** HARD 10
 - si:make-hardcopy-stream** HARD 11
 - si:make-hardcopy-stream** HARD 11
 - si:make-hardcopy-stream** HARD 11
 - si:make-hardcopy-stream** HARD 11
 - si:make-hardcopy-stream** function TOOLS 118, TOOLS 118, HARD 10
 - si:make-process-queue** function RN 71, PROC 10
 - si:make-process-queue**, **si:process-enqueue**, **si:process-dequeue**, **si:process-queue-locker**, **si:reset-process-queue** RN 71
 - si:make-serial-stream** NETIO 25
 - si:make-serial-stream** function RN 110, 111, NETIO 25, 26, 32
 - si:map-unibus-page** function NETIO 106
 - si:modem** flavor RN 111, NETIO 32
 - si:modem-error** flavor RN 111, NETIO 32
 - si:mount-disk-unit** function INT 83
 - si:non-terminating-macro** RN 17
 - si:null-stream** function STR 21
 - si:parse-host** function PROT 28
 - si:patch-loaded-p** RN 70
 - si:patch-loaded-p** function RN 70, MAINT 30
 - si:pkg-area** variable STOR 5
 - si:print-disk-error-log** function MISCF 5
 - si:print-fep-file-system** function INT 84
 - si:print-list** function STR 57
 - si:print-loaded-band** function SIG 43, SITE 19
 - si:print-login-history** function MISCF 5, SITE 22
 - si:print-object** function STR 57
 - si:print-readably** variable PRIM 92
 - si:print-system-status-warning** function SIG 37
 - si:print-unibus-map** function NETIO 106
 - si:printing-random-object** PRIM 89
 - si:printing-random-object** PRIM 89
 - si:process** PROC 18
 - si:process** PROC 17
 - si:process** PROC 17
 - si:process** PROC 18
 - si:process** PROC 15
 - si:process** PROC 15
 - si:process** PROC 19
 - si:process** PROC 19
 - si:process** PROC 15
 - si:process** PROC 18
 - si:process** PROC 16
 - si:process** PROC 16
 - si:process** PROC 16
 - si:process** PROC 16
 - si:process** PROC 16
 - si:process** PROC 16
 - si:process** PROC 16
 - si:process** PROC 17
 - si:process** PROC 17
 - si:process** PROC 17
 - si:process** PROC 17

- :runnable-p** method of
 - :set-priority** method of
 - :set-quantum** method of
 - :set-warm-boot-action** method of
 - :simple-p** method of
 - :stack-group** method of
 - :wait-argument-list** method of
 - :wait-function** method of
 - :warm-boot-action** method of
 - :whostate** method of
- si:process** PROC 18
- si:process** PROC 16
- si:process** PROC 16
- si:process** PROC 17
- si:process** PROC 17
- si:process** PROC 15
- si:process** PROC 16
- si:process** PROC 15
- si:process** PROC 16
- si:process** PROC 16
- si:process** flavor PROC 21
- si:process-dequeue** function RN 71, PROC 10
- New functions: **si:make-process-queue**, **si:process-enqueue**,
si:process-dequeue, **si:process-queue-locker**, **si:reset-process-queue** RN 71
- si:process-enqueue** function RN 71, PROC 10
- si:process-enqueue**, **si:process-dequeue**,
si:process-queue-locker,
si:reset-process-queue RN 71
- si:process-queue-locker** function RN 71, PROC 10
- New functions: **si:make-process-queue**, **si:process-enqueue**, **si:process-dequeue**,
si:process-queue-locker,
si:reset-process-queue RN 71
- si:process-warm-boot-delayed-restart**
function PROC 25
- si:process-warm-boot-restart** function PROC 25
- si:property-list-mixin** FLAV 65
- si:property-list-mixin** FLAV 65
- si:property-list-mixin** FLAV 66
- si:property-list-mixin** FLAV 66
- si:property-list-mixin** FLAV 65
- si:property-list-mixin** FLAV 65
- si:property-list-mixin** FLAV 65
- si:property-list-mixin** FLAV 66
- si:property-list-mixin** flavor FLAV 65
- si:random-create-array** function PRIM 81
- si:random-initialize** function PRIM 81
- si:read-fep-label** function INT 83
- si:read-or-end** RN 62
- si:read-recursive** RN 83
- si:read-recursive** function RN 83, PRIM 99
- si:receive-band** function SIG 30, SITE 24
- si:rename-within-new-definition-maybe**
function FUNC 29
- si:resequence-fep-file-system** function INT 84
- New functions: **si:make-process-queue**, **si:process-enqueue**, **si:process-dequeue**,
si:process-queue-locker,
si:reset-process-queue RN 71
- si:reset-process-queue** function RN 71, PROC 10
- si:return-disk-event-task** function INT 59
- si:sb-on** RN 95, PROC 6
- si:sb-on** RN 95, PROC 6
- si:sb-on** RN 95, PROC 6
- si:sb-on** RN 95, PROC 6
- si:sb-on** RN 95, PROC 6
- si:sb-on** RN 95, PROC 6
- si:sb-on** function RN 95, PROC 3, 6
- si:sb-on: mouse** (3600 only) RN 95
- si:serial-hdlc-mixin** RN 111, NETIO 32
- si:serial-hdlc-mixin** RN 111, NETIO 32
- si:serial-hdlc-stream** flavor RN 110, NETIO 32
- si:serial-stream** NETIO 26
- si:serial-stream** NETIO 26
- si:set-current-world-load** function 3600 27
- si:set-default-hardcopy-device** function HARD 7
- si:set-process-wait** function PROC 22
- si:set-scavenger-ws** function STOR 7, 12
- si:set-screen-hardcopy-device** function HARD 7
- :get** method of
- :getl** method of
- :property-list** init option for
- :property-list** method of
- :push-property** method of
- :putprop** method of
- :remprop** method of
- :set-property-list** method of
- New function:
- New function to be called by reader macros:
- :chaos** option for
- :clock** option for
- :disk** option for
- :keyboard** option for
- :mouse** option for
- :unibus** option for
- New option for
- :read-frame** method of
- :write-frame** method of
- :get** method of
- :put** method of

- si:set-system-source-file** function MAINT 11, WINDEX 74
- si:simple-process** flavor PROC 21
- si:single** syntax description RN 18, PRIM 106
- si:site-initialization-list** variable SIG 36
- si:slash** syntax description RN 18, PRIM 106
- si:system-additional-info** variable SIG 37
- si:system-version-info** function MAINT 29
- si:transmit-band** function SIG 31, SITE 26
- si:unadvise-1** function DEBUG 27
- si:unbin-file** function 3600 13, COMP 26
- si:unencapsulate-function-spec** function FUNC 27
- si:unfasl** function COMP 26
- si:unfasl-file** function 3600 13
- si:unibus-map-address** function NETIO 106
- si:unwire-page** function 3600 23, INT 23
- si:vanilla-flavor** TOOLS 133
- si:vanilla-flavor** TOOLS 133
- si:vanilla-flavor** flavor FLAV 47, TOOLS 131, TOOLS 131
- si:vanilla-flavor** methods TOOLS
- si:verify-fep-file-system** function INT 84
- si:verticalbar** syntax description RN 18, PRIM 106
- si:wait-for-disk-done** function INT 59
- si:wait-for-disk-event** function INT 59
- si:wait-for-disk-event-task** function INT 59
- si:whitespace** syntax description RN 18, PRIM 106
- si:wire-page** function 3600 23, INT 23
- si:with-disk-event-task** special form INT 58
- si:write-fep-label** function INT 83
- SIBE TOPS-20 JSYS NETIO 81
- Side Effects FLOW 42
- Equivalence sign (\equiv) character in ITS pathnames FILE 48
- Sharp sign (#) macro character PRIM 98
- Equivalence sign character (\equiv) in logical pathnames FILE 49
- Testing for sign of a number PRIM 65
- Sharp sign reader macros PRIM 99
- ACLO signal NETIO 106
- BG5 signal NETIO 106
- C0 signal NETIO 106
- C1 signal NETIO 106
- DCLO signal NETIO 106
- NPG.IN signal NETIO 106
- PA signal NETIO 106
- PB signal NETIO 106
- signal** function COND 4, 25, 37, TOOLS 104, 125, 128
- :signal-condition** option for **fquery** MISCUI 10
- si:** ***signal-disk-errors-from-enqueue-p*** variable INT 64
- signal-proceed-case** special form COND 37, 41
- Signallers COND 40
- Signalling COND 1, 4
- signalling INT 1
- Signalling a condition COND 1
- Introduction: Signalling and Handling Conditions COND 1
- Signalling Conditions COND 23, TOOLS 123
- Reference Material: Signalling Conditions COND 25
- Signalling Errors COND 24
- Signalling functions COND 4, 25
- Signalling Mechanism COND 23, 29
- Signalling proceedable conditions COND 41
- Signalling Simple Conditions COND 24
- Signals NETIO 101
- signals NETIO 37
- signals NETIO 106
- signals STR 3
- Assignment of RS-232 Signals to Pins NETIO 23
- Abort signals NETIO 37
- Bus-grant signals NETIO 106
- Mouse signals STR 3

- Assignment of RS-232 Signals to Pins in Asynchronous Null Modems NETIO 23
- :signed** option for **format:onum** STR 38
- Significant bits PRIM 78
- signp** special form PRIM 65
- signum** function PRIM 74
- :silent** option for **load-patches** MAINT 33
- :silent** option for **make-system** MAINT 13
- si:** ***silent-p*** variable MAINT 21
- Simple conditions COND 4
- Signalling Simple Conditions COND 24
- Simple constraint frame WINDEX 30
- Simple Example NETIO 30
- chaos:** **simple** function NETIO 84
- Simple Function Definitions FUNC 4
- tv:momentary-menu** Example 1: Simple Momentary Menu MENUS 23
- Simple momentary window MENUS 23
- Simple Mouse-Sensitive Items WINDEX 15, 17, 24, 30
- Introduction: Simple Mouse-Sensitive Items WINDEX 16
- Source Code: Simple Mouse-Sensitive Items WINDEX 20
- Simple Movement Commands ZMAILT 53
- Simple process PROC 21
- Simple transaction NETIO 53
- ANS Answer to a simple transaction packet NETIO 53
- Simple Use of Flavors FLAV 13
- :simple-p** method of **si:process** PROC 17
- :simple-p** option for **make-process** PROC 11
- si:** **simple-process** flavor PROC 21
- Simplest Usage PROT 38
- Simultaneous linear equations ARR 19
- sin** function PRIM 75
- sind** function PRIM 75
- Sine PRIM 74, 75
- :single** argument to **setsyntax** PRIM 107
- Retrieve Single Files option to Operation Wanted [Reload/Retrieve] parameter SITE 10
- :single** option for **with-open-file** STR 59
- Single quotation mark NOTA 1
- Single quote (') EVAL 19
- si:** **single** syntax description RN 18, PRIM 106
- 3600 Supports IEEE Single- and Double-precision Floating Point RN 48
- Single-character symbol RN 18, PRIM 106
- :single-float** and **:double-float** RN 49
- single-float** format RN 17, PRIM 95
- single-float-p** function RN 49, PRIM 4
- single-float-p, sys:double-float-p** RN 49
- single-precision RN 48
- single-precision floating-point RN 48
- Single-precision floating-point arithmetic 3600 15
- single-precision floating-point format ARR 4
- single-precision number RN 48
- Singular matrix operation error COND 55
- math:** **singular-matrix** flavor COND 55
- SINR TOPS-20 JSYS NETIO 81
- SIOT system call NETIO 73
- Moving the New Release to Other Lisp Machines At the Site SIG 20
- Sending message to all Lisp Machines at Standalone **:validate-lmfs-dump-tapes**
- :hardcopy-devices** option in the Converting Release 5.0: Operations and
- site CONV 4, NETIO 85
- site SIG 2
- site attribute RN 121
- Site attributes PROT 15
- Site Configuration for Dialnet RN 151
- Site default hardcopy device HARD 1
- site file HARD 1, 7
- site files SIG 6
- Site Management RN 151
- Site object PROT 2

- default-bitmap-printer** site object attribute HARD 4
- default-bitmap-printer:** site object attribute PROT 16
- default-printer** site object attribute HARD 4
- default-printer:** site object attribute PROT 16
- dont-reply-to-mailing-lists:** site object attribute PROT 17
- host-for-bug-reports:** site object attribute PROT 16
- host-protocol-desirability:** site object attribute PROT 16
- local-namespace:** site object attribute PROT 16
- other-sites-ignored-in-zmail-summary:** site object attribute PROT 17
- pretty-name:** site object attribute PROT 15
- secure-subnets:** site object attribute PROT 17
- site-directory:** site object attribute PROT 16
- site-system:** site object attribute PROT 16
- standalone:** site object attribute PROT 17
- terminal-f-argument:** site object attribute PROT 18
- timezone:** site object attribute PROT 17
- validate-lmfs-dump-tapes:** site object attribute PROT 17
- Site Object Attributes Relating to Printers HARD 4
- Site Objects PROT 15
- site** printer attribute HARD 5
- Site to Release 5.0 SIG 6
- Site's Namespace SIG 17
- site-directory:** site object attribute PROT 16
- site-initialization-list** variable SIG 36
- site-name** variable MISC 12, PROT 28
- site-system:** site object attribute PROT 16
- site:** host object attribute PROT 5
- site:** network object attribute PROT 12
- Site: New Hosts, New Printers, New Users SIG 21
- site:** printer object attribute PROT 13
- site; logical directory SIG 39
- Sites PROT 3
- Sites SIG 23
- sixth** function PRIM 20
- sixty commands ZMACS 36
- sixty keystrokes ZMACS 36
- size 3600 11
- size WINDOC 66
- size NETIO 81
- size DEFS 27
- size NETIO 81
- size NETIO 75, 81
- size NETIO 81
- size NETIO 75, 81
- size 3600 11
- size and position messages WINDOC 77
- size and position messages WINDOC 77
- size field of a byte specifier RN 50, PRIM 80
- size for incoming half of this connection NETIO 77
- size for outgoing half of this connection NETIO 77
- size for the garbage collector STOR 9
- size in the receive direction NETIO 95
- size in the transmit direction NETIO 95
- :size** init option for **si:eq-hash-table** PRIM 43
- :size** init option for **tv:sheet** WINDOC 78
- size init options WINDOC 77
- :size** message PRIM 46
- size messages WINDOC 77
- :size** method of **tv:sheet** WINDOC 80
- Size of an Array ARR 13
- size of array elements ARR 4
- Size of boxes in the drawing pane FED 26, 29
- size of FEP file INT 71
- Size of **micro-code-entry-area** INT 27
- Size of panes WINDOC 93
- Size of the Scavenger Working Set (LM-2) STOR 7
- Size of window WINDOC 19, 80
- :size** option for **defpackage** PKG 33
- Converting a Release 4.5
- Registering Users in the
- sl:**
- Minor Changes to Your
- Sys:
- Installing World Loads From Other
- List the last
- List the last
- Address
- Blinker
- Maximum packet
- Named structure
- OPENF byte
- Receive window
- Set the receive window
- Transmit window
- Word
- :verify** option for window
- nil** option for window
- Extract
- R WIN window
- WIN T window
- Working set
- Window
- Window
- Window
- Window
- Window
- Window
- Changing the
- Bit
- Increase
- Setting the

- FILEPOS QFILE command byte
- Byte
- [Grid
- Print with
Printed without
- Set
- init-code
number
ppss
ref-macro-name**
- Memory Board Not Needed in Lbus
Named structure
- SPC
UNIBUS Card
NOS number of output
Packet
Number of packet
Number of packet
- Convert number to
- Printed representation of a
- Introduction:
Source Code:
- Installing New
Keys Not Used by Standard
Updating
- Data Types: Subprimitives:
Fonts:
General Information: Subprimitives:
Subprimitives:
- LM-2
LM-2
- Introduction:
Lisp Machine
- :size** option for **make-area** 3600 29, STOR 2
:size option for **make-package** PKG 35
size problem PROT 111
:size-in-characters method of **tv:sheet** WINDOC 80
:size-macro option for **defstruct** DEFS 7
:size-symbol option for **defstruct** DEFS 7
sizes 3600 29
Sizes and Positions WINDOC 77
Size] Font Editor menu item FED 26, 29
:skip proceed type PKG 51
:skip-file message to tape streams TAPE 4
Slash NOTA 1
sl: **slash** syntax description RN 18, PRIM 106
Slashification PRIM 89
slashification STR 25
slashification STR 25
Slashification-related output functions PRIM 117
Slashify NOTA 1
Slashifying COND 49
sleep time between updates Peek command MISCU
3
Slot DEFS 5
slot DEFS 27
slot DEFS 27
slot DEFS 27
slot DEFS 27
Slot 0 RN 136
slot-alist DEFS 27
Slot-description DEFS 27
slots NETIO 106
Slots NETIO 106
"slots" available NETIO 77
slots available NETIO 75
slots available in output window NETIO 81
slots available in transmit window NETIO 95
Slow scrolling WINDEX 76, 78
Small flonum RN 49, PRIM 3
small flonum RN 48
small-float function 3600 27, 31, PRIM 76
small-floatp function 3600 27, 31, PRIM 4
Small-flonum PRIM 61
small-flonum PRIM 89, 93
:small-flonum argument to **typep** 3600 16
small-flonum data-type keyword FLOW 48
:small-flonum returned by **typep** PRIM 5
Small-flonums 3600 15, PRIM 1
Smalltalk FLAV 1, 9
Smiling Face WINDEX 55
Smiling Face WINDEX 56
Smiling Face WINDEX 61
SNS packets NETIO 50
SNS Sense status packet NETIO 56
SOBE TOPS-20 JSYS NETIO 81
Software SITE 24
Software 3600 5
Software SITE 20
Software Changes 3600 13
Software Changes 3600 20
Software Changes 3600 19
Software Changes 3600 19
Software Changes 3600 19
Software Installation NETIO 101
Software Installation SIG 39
Software Installation Functions SIG 42
Software Installation Functions and Variables SIG 27
Software Installation Guide SIG 1
Software Interface PROT 26
Software Protocol-details NETIO 53

- FEP
math:
 Kill
 Message to an object of
- Software Protocol-world View NETIO 41
 software version NETIO 6
solve function ARR 20
 Some Buffers (m-X) Zmacs command ZMACS 110
 some flavor FLAV 27
some function PRIM 37
 Some Functions and Special Forms EVAL 17
 Some Methods Can Use Combination Type as
 Method Type RN 83
 Some Notes on the Table 3600 5
 Some Utility Functions MISCU 1
sort function RN 144, PRIM 29, 49
 Sort Lines (m-X) Zmacs command ZMACS 100
 Sort Paragraphs (m-X) Zmacs command ZMACS 100
sort predicate should return nil for equal
 elements RN 144
 Sort Via Keyboard Macros ZMACS 186
 Sort Via Keyboard Macros (m-X) Zmacs
 command ZMACS 100
sort-grouped-array function PRIM 51
sort-grouped-array-group-key function PRIM 51
sortcar function PRIM 50
 Sorting PRIM 49, ZMACS 100
 Sorting ZMACS 85
 Sorting arrays PRIM 49
 Sorting by Conversations Available RN 130
 Sorting compact lists PRIM 49
 Sorting lists PRIM 49
 Sorting messages ZMAILC 21
 Sorting priority WINDOC 13
 [Sort] Zmail menu item RN 130, ZMAILC 21
 Source Address packet header field NETIO 44
 source code ZMACS 156
 source code of a function ZMACS 11, MISCU 1
 Source Code to Edit ZMACS 166
 Source Code: Graphic Lisp WINDEX 79
 Source Code: Mouse-Sensitive **format** Directive:
 M WINDEX 50
 Source Code: Overlapping Mouse-Sensitive
 Regions WINDEX 42
 Source Code: Pocket Calculator, Version 1 WINDEX
 10
 Source Code: Pocket Calculator, Version 2 WINDEX
 25
 Source Code: Pocket Calculator, Version 3 WINDEX
 32
 Source Code: Simple Mouse-Sensitive
 Items WINDEX 20
 Source Code: Smiling Face WINDEX 61
 Source Compare ZMACS 119
 Source Compare (m-X) TOOLS 53
 Source Compare (m-X) now use **:newest**
 version RN 123
 Source Compare (m-X) Zmacs command ZMACS
 113
 Source Compare (m-X) Zwei command RN 123
 Source Compare Merge ZMACS 114
 Source Compare Merge (m-X) TOOLS 53
 Source Compare Merge (m-X) Zmacs
 command ZMACS 113
- Searching, Replacing, and
- Finding
 Editing the
 Locating
- Both default pathnames for
- New Zmacs command:
- Program
- Source Compare Newest Definition (m-X) RN 124
 Source Compare Newest Definition (m-X) Zmacs
 command RN 124
 Source file COMP 5
 source file STR 70
 Source file names ZMAILC 33
 Source Index packet header field NETIO 44
 Source machine SITE 24

- Source pathname RN 26
 - System Source Policy TAPE 10
 - Source word NETIO 35, 37
 - Use **record-source-file-name** instead of (**remprop symbol** '
 - :source-file-name**) RN 147
 - Compiler Source-level Optimizers COMP 19
 - Sources TAPE 15
 - Latest sources TAPE 15
 - Loading Sources From a Distribution Tape SIG 16
 - SOUTR TOPS-20 JSYS NETIO 81
 - sp** PRIM 103
 - space** PRIM 103
 - SPACE TOOLS 8
 - SPACE ZMACS 13
 - Space FILE 75
 - Space ZMACS 26
 - space FILE 75
 - space RN 21, STR 30
 - space STR 25
 - space RN 62, PRIM 111
 - SPACE completion command ZMACS 13
 - SPACE Dired command ZMACS 136
 - space in transmit window NETIO 81
 - :space** init option for **tv:margin-space-mixin** RN 75
 - :space** method of **tv:margin-space-mixin** RN 75
 - Space over to a given column STR 25
 - SPACE Stepper command TOOLS 88
 - SPACE Zmacs command ZMACS 43
 - SPACE Zmacs command ZMACS 12
 - Spaces ZMAILC 13
 - spaces ZMAILC 13
 - spacing ZMACS 130, WINDOC 23
 - spacing between lines in menu MENUS 22, 100
 - Spare World Load as LMFS File Space FILE 75
 - Spare World Load for Paging FILE 75
 - SPC slots NETIO 106
 - Speaker NETIO 109
 - spec FUNC 1, 24
 - spec FILE 17
 - spec type FUNC 1
 - spec type FUNC 1
 - spec type FUNC 1
 - spec type FUNC 1
 - spec type FUNC 1
 - spec type FUNC 1
 - Symbol function
 - Special Character Names PRIM 103
 - Special characters NOTA 1, PRIM 103, WINDOC 23
 - special characters WINDOC 41
 - special characters RN 17
 - Special Characters Recognized by the
 - Inspector MISCT 4
 - Special Choices MENUS 2, 41, 47
 - Special Class IV Instructions INT 49
 - special command for **fs:directory-not-found** RN 98
 - Special Commands COND 45
 - Special debugger commands TOOLS 76
 - Special Defaulting of the Name STR 83, FILE 26
 - Special Defaulting of the Type STR 84, FILE 27
 - Special Files for Creating Connections NETIO 97
 - special form EVAL 20
 - special form FUNC 7, DEBUG 25
 - special form DEBUG 29
 - special form FLOW 4
 - special form COND 28
 - special form 3600 17
 - special form RN 46, FLOW 9
 - special form MISCF 7, TOOLS 92
 - special form FLOW 8
- Adding a Spare World Load as LMFS File
 - Delete Horizontal
 - Extra paging
 - Output
 - Output a
 - Trim leading and trailing white
 - Available
 - HELP
 - Defining Message Search
 - Message search
 - Vertical
 - Vertical
 - Adding a
 - Using a
 - Basic definition of the function
 - File
 - :internal** function
 - :location** function
 - :method** function
 - :property** function
 - :within** function
 - Symbol function
 - Intercepting
 - Octal escape for
 - Change in Debugger
 - Debugger
 - #'**
 - advise**
 - advise-within**
 - and**
 - argument-typecase**
 - array-used-as-function**
 - block**
 - break**
 - caseq**

| | | |
|----------------------------------|--------------|----------------------------------|
| catch | special form | RN 14, 3600 28, FLOW 25, INT 49 |
| *catch | special form | EVAL 25, FLOW 27 |
| catch-error-restart | special form | COND 23, 24, 33, 35 |
| catch-error-restart-if | special form | COND 33, 35 |
| check-arg-type | special form | PKG 9 |
| comment | special form | EVAL 22 |
| compiler:add-optimizer | special form | COMP 19 |
| compiler:make-obsolete | special form | COMP 17 |
| cond | special form | FLOW 3 |
| cond-every | special form | FLOW 4 |
| condition-bind | special form | RN 97, COND 10, 23, 37 |
| condition-bind-default | special form | COND 11, 23, 29 |
| condition-bind-default-if | special form | COND 11 |
| condition-bind-if | special form | COND 11 |
| condition-call | special form | RN 98, COND 14, 23 |
| condition-call-if | special form | RN 98, COND 15 |
| condition-case | special form | RN 98, COND 12, 23 |
| condition-case-if | special form | COND 13 |
| declare | special form | COMP 6, 8 |
| def | special form | FUNC 13 |
| defconst | special form | EVAL 9 |
| defconstant | special form | RN 45, EVAL 10 |
| deff | special form | FUNC 13 |
| deffunction | special form | MAC 4 |
| define-site-variable | special form | PROT 28 |
| define-symbol-macro | special form | RN 53, MAC 13 |
| define-user-option | special form | MENUS 66 |
| define-user-option-alist | special form | MENUS 66 |
| deflambda-macro | special form | MAC 4 |
| deflambda-macro-displace | special form | MAC 4 |
| defmacro | special form | FUNC 11 |
| defmethod | special form | FUNC 1 |
| defpackage | special form | RN 7, PKG 32, 33 |
| defprop | special form | PRIM 41 |
| defresource | special form | WINDEX 58, STOR 18 |
| defselect | special form | FUNC 1, 11, 13 |
| defselect-method | special form | FLAV 30 |
| defsubs | special form | FUNC 11 |
| defsubst | special form | MAC 11 |
| defsystem | special form | MAINT 3, 27, TAPE 9 |
| defun | special form | FUNC 1, 4, 11, COMP 23 |
| defun-method | special form | 3600 17, FLAV 29, 30 |
| defvar | special form | EVAL 9 |
| defwhopper | special form | FLAV 28 |
| defwindow-resource | special form | WINDEX 56, 58 |
| destructuring-bind | special form | RN 77, EVAL 8 |
| dis:defpseudo-system | special form | TAPE 9, 19 |
| dispatch | special form | FLOW 8 |
| do | special form | EVAL 25, FLOW 15, MAC 17, COMP 6 |
| do* | special form | FLOW 17, COMP 6 |
| do*-named | special form | FLOW 18, COMP 6 |
| do-all-symbols | special form | PKG 43 |
| do-external-symbols | special form | PKG 43 |
| do-local-symbols | special form | PKG 43 |
| do-named | special form | FLOW 18, COMP 6 |
| do-symbols | special form | PKG 42 |
| do-three-times | special form | NOTA 1 |
| dolist | special form | FLOW 19 |
| dotimes | special form | FLOW 19 |
| error-restart | special form | COND 23, 33, 34 |
| error-restart-loop | special form | COND 23, 33, 34, WINDEX 7, 8 |
| eval-when | special form | COMP 6, 8 |
| *expr | special form | COMP 10 |
| *fexpr | special form | COMP 10 |
| %finish-function-call | special form | 3600 25 |
| format:defformat | special form | RN 56, WINDEX 48, STR 36 |
| fs:define-canonical-type | special form | FILE 30 |
| function | special form | EVAL 20 |

| | | |
|---|--------------|--|
| go | special form | FLOW 13, 15 |
| grindef | special form | STR 42 |
| if | special form | FLOW 3 |
| ignore-errors | special form | COND 15 |
| keyword-extract | special form | EVAL 11, FLOW 19 |
| lambda-macro | special form | MAC 3 |
| let | special form | EVAL 6, COMP 6, INT 22 |
| let* | special form | EVAL 6, COMP 6 |
| let-closed | special form | FUNC 35 |
| let-globally | special form | PRIM 55, EVAL 7 |
| let-if | special form | EVAL 7, INT 22 |
| *lexpr | special form | COMP 10 |
| local-declare | special form | COMP 9 |
| login-forms | special form | MISCF 12, 13 |
| login-setq | special form | MISCF 13 |
| macro | special form | FUNC 11, MAC 1, 3 |
| multiple-value | special form | EVAL 25, TOOLS 109, INT 49 |
| multiple-value-bind | special form | EVAL 26, INT 49 |
| multiple-value-call | special form | RN 47, EVAL 26 |
| multiple-value-list | special form | EVAL 26 |
| multiple-value-prog1 | special form | RN 48, EVAL 27 |
| net:define-medium | special form | PROT 43 |
| net:define-protocol | special form | PROT 48, 76 |
| net:define-server | special form | PROT 50 |
| net:invoke-multiple-services | special form | PROT 41 |
| or | special form | FLOW 5 |
| package-declare | special form | PKG 57 |
| prog | special form | EVAL 25, FLOW 20, MAC 17, COMP 6 |
| prog* | special form | FLOW 22, COMP 6 |
| prog1 | special form | EVAL 23 |
| prog2 | special form | EVAL 23 |
| progn | special form | EVAL 22 |
| progv | special form | EVAL 7, INT 22 |
| progw | special form | EVAL 8 |
| psetq | special form | EVAL 5 |
| quote | special form | EVAL 19 |
| return | special form | EVAL 25, FLOW 11, 15 |
| return-from | special form | FLOW 9 |
| select | special form | FLOW 6 |
| selector | special form | FLOW 7 |
| selectq | special form | FLOW 5 |
| selectq-every | special form | FLOW 8 |
| setf | special form | 3600 17, MAC 35 |
| setq | special form | EVAL 5 |
| setq-globally | special form | MISCF 13 |
| si:define-defsystem-special-variable | special form | MAINT 23 |
| si:define-make-system-special-variable | special form | MAINT 22 |
| si:define-simple-transformation | special form | MAINT 23 |
| si:with-disk-event-task | special form | INT 58 |
| signal-proceed-case | special form | COND 37, 41 |
| signp | special form | PRIM 65 |
| special | special form | COMP 10 |
| sstatus | special form | MISCF 18 |
| %start-function-call | special form | 3600 25 |
| status | special form | MISCF 17 |
| store | special form | RN 145, 3600 17, ARR 4, 23, 24 |
| tagbody | special form | RN 47, FLOW 13 |
| throw | special form | RN 15, 3600 28, FLOW 26 |
| trace | special form | RN 96, FUNC 7, TOOLS 88, 91, 93,
DEBUG 19 |
| tv:add-typeout-item-type | special form | WINDEX 6, 8, MENUS 84 |
| tv:delaying-screen-management | special form | WINDOC 13, 16 |
| tv:prepare-sheet | special form | WINDEX 60 |
| tv:sheet-force-access | special form | WINDEX 57, 59 |
| tv>window-call | special form | WINDEX 56, 58 |
| twiddle-frob | special form | NOTA 2 |
| typecase | special form | FLOW 7, PKG 9 |
| unadvise | special form | RN 40, DEBUG 26 |

- unadvise-within** special form DEBUG 29
- undefun-method** special form FLAV 30
- unspecial** special form COMP 10
- untrace** special form TOOLS 88, 89, DEBUG 24
- unwind-protect** special form EVAL 25, FLOW 26, TOOLS 129, PROT 64
- using-resource** special form STOR 21
- variable-boundp** special form PRIM 54
- variable-location** special form PRIM 55
- variable-makunbound** special form PRIM 54
- with-input-from-string** special form ARR 34
- with-open-file** special form STR 59
- with-open-stream** special form STR 60, NETIO 25
- with-output-to-string** special form ARR 35
- with-stack-list** special form RN 148, INT 34
- with-stack-list*** special form RN 148, INT 34
- without-interrupts** special form PROC 4
- New special form: **defconstant** RN 45
- New special form: **define-symbol-macro** RN 53
- New special form: **defpackage** RN 7
- Previously undocumented special form: **destructuring-bind** RN 77
- New special form: **format:defformat** RN 56
- Special forms FUNC 7
- Defining special forms MAC 20
- Evaluation of special forms COMP 6
- Function-defining Special Forms FUNC 11
- Some Functions and Special Forms EVAL 17
- The **with-stack-list** and **with-stack-list*** Special Forms INT 34
- New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
- Special Forms for Dealing with Variables PRIM 55
- Package Functions, Special Forms, and Variables PKG 31
- New special forms: **block** and **tagbody** RN 46
- New special forms: **multiple-value-call** and **multiple-value-prog1** RN 47
- Special function keys character representation STR 3
- Special functions FUNC 7
- Evaluation of special functions FUNC 7
- Special Keys COND 46
- &special** lambda-list keyword FUNC 14
- Special Memory Referencing INT 17
- Special Operations NETIO 81
- Special pdl INT 1
- Special Purpose Stream Operations STR 15
- special** special form COMP 10
- Disable special treatment of Rubout in ASCII files STR 59
- Special variable binding instructions INT 52
- Special variables EVAL 3, FUNC 31, COMP 6, 11
- Binding special variables STR 74
- Defining special variables EVAL 9
- Pathname special variables FILE 13
- :special-choices** init option for **tv:multiple-menu-mixin** MENUS 42
- :special-command** message COND 45
- New message to conditions: **:special-command-p** RN 74
- :special-command-p** method of **condition** RN 74, COND 50
- dbg:** ***special-command-special-keys*** variable COND 48
- :special-commands** method of **condition** COND 50
- dbg:** **special-commands-mixin** flavor COND 45
- :special-pdl-area** option for **make-process** PROC 11
- :special-pdl-area** option for **make-stack-group** 3600 29, INT 5
- :special-pdl-size** option for **make-process** PROC 11
- :special-pdl-size** option for **make-stack-group** 3600 29, INT 5
- :special-purpose** symbol in **:documentation** option

- Symbols
 - ** accordion wildcard
 - :documentation**
 - Input stream
 - Examples of Undelete
 - Sending message to Move To
 - < :oldest version
 - < oldest version
 - > :newest version
 - > newest version
 - Create a byte
 - Extract size field of a byte
 - Byte
 - Character-related byte
 - How to
 - :method** function
 - Defining function
 - Function
 - Mouse cursor
 - Two
 - Draw a cubic
 - [Draw
- file-name** global-name to
- home-directory** global-name to
- protocol** global-name to
- spool-via** global-name to
- Integer
- Dired
- status** and
 - to **deffavor** FLAV 35
 - Specific to the LM-2 3600 22
 - specification RN 120
 - specification MENUS 59
 - specification PRIM 109
 - Specifications of Panes and Constraints WINDOC 90
 - specified file STR 67
 - specified host CONV 4, NETIO 85
 - Specified Line ZMACS 48
 - specifier FILE 48, 49
 - specifier RN 35
 - specifier FILE 48, 49
 - specifier RN 35
 - specifier RN 50, PRIM 80
 - specifier RN 50, PRIM 80
 - Specifiers 3600 21, PRIM 78, DEFS 19, INT 20
 - specifiers STR 3
 - Specify Zmacs Variable Settings ZMACS 193
 - Specifying compiler environments COMP 23
 - Specifying Panes and Constraints WINDOC 93
 - Specifying printers HARD 1
 - Specifying radix PRIM 99, STR 25, 38
 - specs FUNC 16
 - specs FUNC 1
 - Specs FUNC 1
 - speed RN 100
 - Speeds for Cold Boot (LM-2) SITE 30
 - :splicing** argument to **setsyntax** PRIM 107
 - spline FED 29
 - Spline] Font Editor menu item FED 20, 29
 - Split Line ZMACS 153
 - Split Screen ZMACS 118
 - Split Screen (m-X) TOOLS 60
 - [Split Screen] menu item TOOLS 61, 123
 - [Split Screen] System menu item WINDEX 16
 - spool-via** global-name to **spooled-printer** HARD 3
 - spooled-printer** HARD 3
 - spooled-printer** HARD 3
 - spooled-printer** HARD 3
 - spooled-printer** HARD 3
 - spooled-printer** host object attribute HARD 3
 - spooled-printer:** host object attribute PROT 8
 - %SPREAD instruction INT 49
 - :spread** keyword EVAL 19
 - Spy bit NETIO 70
 - sqrt** function PRIM 74
 - Square brackets NOTA 1
 - Square character 3600 7
 - SQUARE key 3600 5
 - Square root PRIM 74
 - square root PRIM 74
 - square root of a negative number error COND 56
 - Srccom ZMACS 137
 - sstatus** MISCF 17
 - sstatus** special form MISCF 18
 - stable-sort** function PRIM 51
 - stable-sortcar** function PRIM 51
 - Stack INT 37
 - Stack COND 16
 - stack DEBUG 14
 - stack INT 1
 - stack INT 1
 - stack INT 34
 - stack DEBUG 9, 15
 - stack ZMAILT 53, ZMAILC 18
 - Stack ZMAILT 54
- Application: Handlers Examining the
 - Backtrace of the call
 - Control
 - Environment
 - Lists on the control
 - Manipulating the control
 - Message
 - Motion Using the Message
 - Reference Material: Application: Handlers Examining the Stack COND 17

- Unwinding a Message
 - Current
- Debugger functions to return values in current
 - Inspecting a
 - Argument list of currently running
 - Current
 - Number of arguments to the currently running
 - Presetting the
 - Running
 - sg-state** of currently running
 - sys:sg-state-active**
 - sys:sg-state-awaiting-error-recovery**
 - sys:sg-state-awaiting-initial-call**
 - sys:sg-state-awaiting-return**
 - sys:sg-state-exhausted**
 - sys:sg-state-invoke-call-on-return**
 - sys:sg-state-resumable**
- An Example of Input/Output in Resuming of Switching
 - rplaca** can be used with
 - Based on the
- :horizontal**
- :vertical**
- Making
 - :edit** message to **zwei:**
 - :interval-string** message to **zwei:**
 - :set-interval-string** message to **zwei:**
 - zwei:**
- IEEE
- The
 - stack FLOW 25
 - stack commands ZMAILT 54, ZMAILC 18
 - Stack frame COND 16
 - stack frame DEBUG 9, 15
 - stack frame DEBUG 13
 - stack frame MISCT 3
 - stack group INT 27
 - stack group INT 1
 - stack group INT 27
 - stack group INT 1
 - stack group INT 1
 - stack group INT 1
 - stack group INT 27
 - Stack group bindings INT 1
 - Stack Group Functions INT 5
 - stack group state INT 4
 - stack group state INT 4
 - stack group state INT 4
 - stack group state INT 4
 - stack group state INT 4
 - stack group state INT 4
 - stack group state INT 4
 - stack group state INT 4
 - Stack group state error COND 56
 - Stack group states 3600 29, INT 4
 - Stack group switch INT 1
 - Stack group switches STOR 6
 - Stack Groups 3600 29, ARR 4
 - Stack Groups INT 7
 - Stack Groups INT 6
 - Stack Groups INT 2
 - stack groups INT 2
 - Stack Groups: Internals INT 1
 - Stack lists RN 148
 - stack lists RN 148
 - Stack of Recently Seen Messages ZMAILC 18
 - Stack overflow error COND 57
 - Stack pane WINDEX 30
 - %stack-frame-pointer** function INT 20
 - :stack-group** init option MENUS 73
 - :stack-group** init option for
 - tv:basic-choose-variable-values** MENUS 74
 - :stack-group** method of **si:process** PROC 15
 - :stack-group** option for **make-process** PROC 11
 - :stack-group** returned by **typep** PRIM 5
 - stack-group-preset** function INT 6
 - stack-group-resume** function INT 2, 6
 - stack-group-return** function INT 2, 6
 - Stack-groups FUNC 7
 - stacking description WINDOC 93
 - stacking description WINDOC 93
 - Stacking in constraint frames WINDOC 93
 - Standalone Editor Windows MISCUI 23
 - Standalone site SIG 2
 - standalone-editor-frame** MISCUI 23
 - standalone-editor-frame** MISCUI 23
 - standalone-editor-frame** MISCUI 23
 - standalone-editor-frame** flavor MISCUI 23
 - standalone:** site object attribute PROT 17
 - standard 3600 15
 - Standard and Customizable Facilities MENUS 3
 - Standard Choose Variable Values Function MENUS 61
 - Standard Communication with Interfaces PROT 70
 - Standard comtab ZMACS 191
 - Standard Conditions COND 51
 - Standard facilities MENUS 3
 - Standard mail file formats ZMAILC 34
 - Standard Momentary Menu Example MENUS 19
 - Standard Momentary Menu Interface MENUS 19

Symbolics, Inc. March 1984

- ITS/TOPS-20/WAITS
 - The Standard multi-network host table NETIO 83
 - The Standard Multiple Choice Function MENUS 52
 - The Standard Multiple Menu Choose Function MENUS 47
- Keys Not Used by
 - Standard pathname types FILE 44
 - Standard Software 3600 5
 - Standard Streams STR 17
 - Standard Systems TAPE 17
 - standard-input** variable STR 17
 - standard-output** variable TOOLS 68, STR 18
- Init File Pathnames
- Zmail Init File Pathnames
 - Standardized RN 34
 - Standardized RN 129
 - Start a new conversation CONV 1
 - Start command NETIO 7
 - Start Kbd Macro ZMACS 183, 184
 - start of line ZMACS 71
- Erase backward to
 - :start** option for **zwei:open-editor-stream** MISCUI 20
 - :start** option for **zwei:with-editor-stream** MISCUI 20
 - Start Patch (m-X) Zmacs command ZMACS 172, MAINT 34
- New Zmacs command:
 - Start Private Patch (m-X) RN 124
 - Start Private Patch (m-X) Zmacs command RN 124, ZMACS 172, MAINT 34
 - Start Transmission register NETIO 70
 - %start-function-call** special form 3600 25
 - start-monitor** function RN 51, INT 86
 - start-service-access-path-future** function PROT 40
 - :start-timeout** method of **tv:stream-mixin** RN 63, WINDOC 50
 - :start-timeout, :finish-timeout, :rescanning-p, :force-rescan, :replace-input, :read-bp** RN 63
- meter:
- net:
- New methods of **tv:stream-mixin**:
 - :start-timeout, :finish-timeout, :rescanning-p, :force-rescan, :replace-input, :read-bp** RN 63
- Getting
- New Information on Getting
- Getting
- Reference Material:
 - Started ZMACS 9
 - Started LMS 34
 - Started and Logging Out LMS 4
 - Starting a New Line ZMACS 20
 - Starting Servers PROT 80
 - Starting Servers PROT 83
 - Starting Zmacs ZMACS 10
 - Startup and Top-level Configuration ZMAILT 3
- .CSCLS TOPS-20/TENEX connection state NETIO 81
- .CSINC TOPS-20/TENEX connection state NETIO 81
- .CSLOS TOPS-20/TENEX connection state NETIO 81
- .CSLSN TOPS-20/TENEX connection state NETIO 81
- .CSOPN TOPS-20/TENEX connection state NETIO 81
- .CSPRF TOPS-20/TENEX connection state NETIO 81
- .CSRFC TOPS-20/TENEX connection state NETIO 81
- .CSRFS TOPS-20/TENEX connection state NETIO 81
- Arrest process state ZMAILT 24
- Broadcast Sent connection state NETIO 60, 87
- Checking the State NETIO 95
- Closed connection state NETIO 60, 87
- Conn_st_closed VAX/VMS connection state NETIO 95
- Conn_st_full VAX/VMS connection state NETIO 95
- Conn_st_incom VAX/VMS connection state NETIO 95
- Conn_st_los VAX/VMS connection state NETIO 95
- Conn_st_lsn VAX/VMS connection state NETIO 95
- Conn_st_new VAX/VMS connection state NETIO 95
- Conn_st_open VAX/VMS connection state NETIO 95
- Conn_st_rfcrcv VAX/VMS connection state NETIO 95
- Conn_st_rfcsnt VAX/VMS connection state NETIO 95
- %CSCLS ITS connection state NETIO 75
- %CSFRN ITS connection state NETIO 75
- %CSINC ITS connection state NETIO 75
- %CSLOS ITS connection state NETIO 75
- %CSLSN ITS connection state NETIO 75
- %CSOPN ITS connection state NETIO 75

| | |
|---|---|
| %CSRFC ITS connection | state NETIO 75 |
| %CSRFS ITS connection | state NETIO 75 |
| Foreign connection | state NETIO 60, 87 |
| Incomplete Transmission connection | state NETIO 60, 87 |
| Internal | state WINDOC 2 |
| Listening connection | state NETIO 60, 87 |
| Lost connection | state NETIO 60, 87 |
| Open connection | state NETIO 60, 87 |
| Output Hold | state WINDOC 9 |
| Output Hold process | state ZMAILT 24 |
| Process | state LMS 10 |
| RFC Received connection | state NETIO 60, 87 |
| RFC Sent connection | state NETIO 60, 87 |
| Screen process | state LMS 10 |
| sys:sg-state-active stack group | state INT 4 |
| sys:sg-state-awaiting-error-recovery stack group | state INT 4 |
| sys:sg-state-awaiting-initial-call stack group | state INT 4 |
| sys:sg-state-awaiting-return stack group | state INT 4 |
| sys:sg-state-exhausted stack group | state INT 4 |
| sys:sg-state-invoke-call-on-return stack group | state INT 4 |
| sys:sg-state-resumable stack group | state INT 4 |
| Wait Forever process | state ZMAILT 24 |
| Stack group | state error COND 56 |
| Zmacs commands for finding out about the | state of buffers ZMACS 201 |
| | State of the connection NETIO 81 |
| | state of the connection NETIO 77 |
| | state of the garbage collector STOR 9 |
| | state of Zmacs ZMACS 201 |
| | STATE state of the connection NETIO 77 |
| | States NETIO 60, 87 |
| | States LMS 41 |
| | States ZMAILT 23 |
| | states NETIO 75 |
| | States LMS 8 |
| | states 3600 29, INT 4 |
| | states NETIO 81 |
| | static STOR 8 |
| | static areas STOR 1 |
| | statistics STOR 9 |
| | status PRIM 103 |
| | status ZMAILT 3 |
| | status ZMAILT 3 |
| | status MAINT 37 |
| | status MAINT 37 |
| | status MAINT 37 |
| | status MAINT 37 |
| | status ZMAILT 3 |
| | status ZMAILT 3, 59 |
| | status NETIO 81 |
| | status ZMAILT 3 |
| | status ZMAILT 3, 59 |
| | status ZMAILT 3 |
| | status ZMAILT 3 |
| | status ZMAILT 3 |
| | Status MAINT 37 |
| | status NETIO 91 |
| | status MISCU 3 |
| | Status (m-X) replaces chaos:print-lgp-queue RN 115 |
| | Status (m-X) Zmacs command HARD 1 |
| | Status (m-X) Zwei command RN 115 |
| | status and sstatus MISCF 17 |
| | Status command NETIO 6 |
| | Status Command Displays More Useful Information RN 140 |
| | Status Command Output NETIO 17 |
| | Status FEP command RN 137, 140 |
| | Status Flags ZMAILC 25 |
| chaos: | status function NETIO 92 |

- Maclisp
 - * buffer
- Current micro PC (CPC)
- Macro PC
- Old PCs (OPC)
- Message
 - FUNCTION 2 W displays current process name in
- Display
 - Display
 - Display
 - Display
 - Display
- Display
 - Changing the
 - SNS Sense
 - STS
- Host
 - Answer to
- Maclisp
 - :local
 - :medium
 - :network
 - :service
 - c-B
 - c-E
 - c-N
 - c-U
 - c-X
 - SPACE
- h-c-upper-left waits for Lisp to
 - meter:
- Tab
 - h-c-upper-left
- Compiled function
- Packages
- Property list
- Symbol print names
- Symbols
- Working
- Constants
- Memory management of
 - status homedir function FILE 55
 - status indicator ZMACS 19
 - status information RN 137
 - status information RN 137
 - status information RN 137
 - STATUS key 3600 3
 - status letter ZMAILT 3
 - Status line LMS 10, WINDOC 19, SCROLL 9
 - status line RN 148
 - Status line documentation FED 25
 - Status of a patchable system MAINT 37
 - status of active processes MISCU 3
 - status of areas MISCU 3
 - status of file system display MISCU 3
 - status of hostat MISCU 3
 - Status of registers NETIO 6
 - status of window area MISCU 3
 - status of windows WINDOC 19
 - status packet NETIO 56
 - Status packet NETIO 56
 - Status packets NETIO 50, 56
 - Status pane FED 5
 - STATUS protocol NETIO 58, 61
 - Status Protocols NETIO 61
 - status report NETIO 92
 - STATUS request NETIO 61
 - status Service PROT 60
 - status special form MISCF 17
 - status udir function FILE 55
 - step function TOOLS 91, DEBUG 31
 - :step option to trace TOOLS 89, 91, DEBUG 20
 - step type PROT 42
 - step type PROT 42
 - step type PROT 42
 - step type PROT 42
 - Stepper TOOLS 88
 - Stepper command TOOLS 90
 - Stepper command TOOLS 90
 - Stepper command TOOLS 88
 - Stepper command TOOLS 90
 - Stepper command TOOLS 90
 - Stepper command TOOLS 88
 - Stepper function SCROLL 13
 - Stepping FLOW 51, TOOLS 68, 88
 - Stepping Through an Evaluation DEBUG 31
 - Stepping variables FLOW 51
 - Steps FLOW 51, PROT 42
 - [Step] menu item TOOLS 89, 91
 - stop itself RN 140
 - stop-monitor function RN 51, INT 86
 - stop-output PRIM 103
 - STOP-OUTPUT key 3600 3
 - Stopped processes PROC 1
 - Stopping processes PROC 18
 - Stopping the machine INT 17
 - stops WINDOC 23
 - stops execution of Lisp RN 133
 - Storage allocation 3600 1, STOR 17
 - Storage allocation error COND 57
 - storage area STOR 5
 - storage area STOR 5
 - storage area STOR 5
 - storage area STOR 5
 - storage area STOR 5
 - storage area STOR 1
 - storage areas STOR 5
 - storage areas STOR 1
 - Storage Layout Changes 3600 25

- Allocating and freeing Chaosnet
- Allocating and freeing window system
- Cdr
- Flavor system
- :block disk
- :input disk
- :output disk
- :probe disk
- Create serial I/O
- Error message
- Making Your Own
- Opening a bidirectional QFILE open
- Reading characters from an input
- Synonym
- Tokens in the input
- Open a
 - Byte
 - Serial I/O
- chaos:
 - Lisp Machine Implementation
 - Tops-20/TENEX Implementation
 - Vax/VMS Implementation
 - Byte
 - :hang-p keyword for block disk
 - Block disk
 - Disk
 - :tyl
 - File
 - General Purpose
 - Special Purpose
 - The :read and :print
- :accept-p
- :ascii-translation
- :direction
- Force out any buffered
- PUP Byte
- Input
- chaos:
 - Storage Layout Definitions INT 20
 - Storage management of areas STOR 1
 - Storage of arrays ARR 4
 - storage resources STOR 17
 - storage resources STOR 17
 - store not supported on the 3600 RN 145
 - store special form RN 145, 3600 17, ARR 4, 23, 24
 - store-and-forward-Mail Service PROT 60
 - store-array-leader function ARR 11
 - store-conditional function 3600 24, INT 16
 - %store-conditional function 3600 24
 - Storing database object attributes PROT 22
 - Storing disk error information INT 58
 - storing functions FUNC 1
 - storing functions FUNC 1
 - Storing functions on property lists FUNC 1
 - Storing into array elements ARR 10
 - stp-small-fionum data type INT 9
 - Strategy for Unattended Operation with the Garbage Collector STOR 13
 - Stream STR 9, NETIO 84
 - stream INT 69
 - stream INT 69
 - stream INT 69
 - stream INT 69
 - stream NETIO 25
 - stream STR 18
 - Stream STR 19
 - stream MISCUI 19
 - stream PROT 86
 - stream STR 12
 - stream RN 20, STR 19
 - stream PRIM 93
 - Stream connection NETIO 53
 - stream connection NETIO 84
 - Stream Conventions PROT 79
 - stream creation parameters NETIO 27
 - Stream Facility for Editor Buffers MISCUI 19
 - stream function RN 107
 - Stream input STR 12
 - Stream Input and Output NETIO 88
 - Stream Input and Output NETIO 81
 - Stream Input and Output NETIO 94
 - Stream input messages WINDOC 19
 - Stream Media PROT 53
 - stream messages INT 79
 - stream messages INT 73
 - stream messages INT 71
 - stream operation STR 59
 - Stream Operations STR 76
 - Stream Operations STR 9
 - Stream Operations STR 15
 - Stream Operations STR 57
 - :stream option for fquery MISCUI 10
 - :stream option for net:define-server PROT 50
 - stream option for net:define-server PROT 50
 - stream option for net:define-server PROT 50
 - stream option for net:define-server PROT 50
 - stream output NETIO 81
 - Stream parameter RN 65, STR 52
 - Stream Protocol PROT 42
 - stream specification PRIM 109
 - stream, chaos:close, and chaos:finish renamed RN 107
 - stream-copy-until-eof function PRIM 115
 - stream-default-handler function STR 21
 - stream-mixin WINDOC 54
 - stream-mixin RN 41, 42, WINDOC 43
- :add-asynchronous-character method of tv:
- :any-tyl method of tv:

Symbolics, Inc. March 1984

:any-tyl-no-hang method of tv:
:asynchronous-character-p method of tv:
:asynchronous-characters init option for tv:
:clear-input method of tv:
:draw-char method of tv:
:draw-rectangle method of tv:
:finish-typeout method of tv:
:force-rescan method of tv:
:fresh-line method of tv:
:handle-asynchronous-character method of tv:
:line-in method of tv:
:line-out method of tv:
:l1st-tyl method of tv:
:l1sten method of tv:
:mouse-or-kbd-tyl method of tv:
:mouse-or-kbd-tyl-no-hang method of tv:
:read-bp method of tv:
:remove-asynchronous-character method of tv:
:replace-input method of tv:
:rescanning-p method of tv:
:rubout-handler method of tv:
:start-typeout method of tv:
:string-in method of tv:
:string-line-in method of tv:
:tyl method of tv:
:tyl-no-hang method of tv:
:untyl method of tv:

Changes to **:tyl**, **:tyl-no-hang**, **:l1st-tyl**, **:mouse-or-kbd-tyl**, and **:mouse-or-kbd-tyl-no-hang** methods of tv:

tv:
New methods of tv:

stream-mixin RN 40
stream-mixin flavor WINDOC 23, 33, 41
stream-mixin: :start-typeout, **:finish-typeout**,
:rescanning-p, **:force-rescan**, **:replace-input**,
:read-bp RN 63

Stream-mode Connections NETIO 98

:stream-options property PROT 82

Stream: 3600 Serial I/O NETIO 25

Streams NETIO 23

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams RN 85, MISCUI 13

streams TAPE 4

streams RN 27, STR 66

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams TAPE 4

streams INT 69, 73

Streams INT 73

streams INT 68

Streams STR 21

streams INT 68

streams MISCUI 19

streams PRIM 109

streams PROT 42

Streams STR 9

Streams INT 72

streams PRIM 109, STR 45

streams STR 76

Streams TAPE 4

The Serial I/O

:await-rewind message to tape

:bot-p message to tape

:check-ready message to tape

:clear-eof message to input tape

:clear-error message to tape

:close message to tape

:discard-current-record message to input tape

:force-output message to output tape

:host-name message to tape

:prompt-and-read messages to

:record-status message to input tape

:rename message to

:rewind message to tape

:set-offline message to tape

:skip-file message to tape

:write-eof message to output tape

:write-error-status message to output tape

Bidirectional disk

Block Disk

Block mode disk

Coroutine

Disk

Editor buffer

End-of-file on input

Generic byte

I/O

Input and Output Disk

Interactive

Messages to file

Messages to Tape

- Operating on Disk
- Previously Undocumented Feature: Coroutine
- Reading from Standard
- Synonym
- Tape
- Windows as
- Windows as input
- Windows as output
- What
- Output
- *
- Delete
- Erase
- Mouse documentation
- Printed representation of a Prompt
- Replace
- Sample
- Selecting messages based on **string-length** uses same coercion rules as The Sample
- Replace
- Find
- Documentation
- Clicking Middle Edits Current
- Basic
- Primitives for
- QFILE
- Change in type of array returned by
- Previously undocumented function:
- New optional arguments to **string-upcase** and
- Streams INT 71
- Streams RN 89
- streams RN 65, STR 52
- Streams STR 17
- streams STR 17
- streams TAPE 1
- streams WINDOC 2
- streams WINDOC 41
- streams WINDOC 19, 23
- Streams Are STR 9
- Streams sharing common buffers RN 89
- Streams that read or write magnetic tape TAPE 1
- streams to buffered asynchronous devices STR 15
- [Stretch Character] Font Editor menu item FED 21
- Stretching a character FED 29
- Stretching and Contracting FED 21
- [Stretch] Font Editor menu item FED 29
- string PROT 27
- string WINDOC 28
- string WINDOC 28
- string TOOLS 121
- string PRIM 89
- string COND 37, 48
- String ZMACS 90
- string FED 5, 23, 30
- string ZMAILT 53, ZMAILC 17
- string** RN 16
- String FED 23
- String (m-X) Zmacs command ZMACS 90
- String (m-X) Zmail command ZMAILT 53, ZMAILC 17
- String as menu item MENUS 9
- String comparisons PRIM 7
- String concatenation RN 16, ARR 29
- String construction RN 65, STR 52
- string** function RN 16, ARR 27
- string functions FUNC 7, 16, 22
- String in Choose-variable-values Windows RN 105
- :string** line item entry SCROLL 6
- :string** message PROT 29
- :string** message to **sys:external-symbol-not-found** PKG 51
- String Operations ARR 27
- string operations 3600 1
- :string** option for **prompt-and-read** RN 85, MISCUI 13
- String quoter RN 17
- String representation of fixnums ARR 25
- :string** returned by **typep** PRIM 5
- String Search ZMACS 88
- String Searching ARR 31
- String Values PROT 92
- :string** variable type MENUS 59
- string-append** RN 16
- string-append** function RN 16, ARR 29
- string-capitalize-words** function ARR 27
- string-compare** RN 81
- string-compare** function RN 81, ARR 28
- string-downcase** RN 80
- string-downcase** function RN 80, ARR 27
- string-equal** function ARR 28
- %string-equal** function ARR 28
- :string-font** init option for **tv:basic-choose-variable-values** MENUS 74
- :string-for-directory** method of **fs:pathname** FILE 38
- :string-for-dired** method of **fs:pathname** FILE 37
- :string-for-editor** method of **fs:pathname** FILE 37
- :string-for-host** method of **fs:pathname** FILE 37

- :string-for-printing** method of **fs:pathname** FILE 37
 - :string-for-wholine** method of **fs:pathname** FILE 37
 - :string-in** message STR 12
 - :string-in** method of **tv:stream-mixin** WINDOC 46
 - string-left-trim** function ARR 30
 - string-length** function RN 16, ARR 27
 - :string-length** method of **tv:sheet** WINDOC 30
 - string-length** uses same coercion rules as **string** RN 16
 - string-lessp** function ARR 28
 - :string-line-in** message STR 14
 - :string-line-in** method of **tv:stream-mixin** WINDOC 47
 - :string-list** option for **prompt-and-read** RN 85, MISCUI 13
 - :string-list** variable type MENU 59
 - string-nconc** function ARR 29
 - string-nreverse** function ARR 30
 - :string-or-nil** option for **prompt-and-read** RN 85, MISCUI 13
 - :string-or-nil** variable type MENU 59
 - :string-out** message STR 11
 - :string-out** method of **tv:sheet** WINDOC 27
 - string-pluralize** function ARR 30
 - string-reverse** function ARR 30
 - string-reverse-search** function ARR 33
 - string-reverse-search-char** function ARR 32
 - string-reverse-search-not-char** function ARR 33
 - string-reverse-search-not-set** function ARR 33
 - string-reverse-search-set** function ARR 33
 - string-right-trim** function ARR 30
 - string-search** function ARR 32
 - %string-search-char** function ARR 31
 - string-search-char** function ARR 31
 - string-search-not-char** function ARR 32
 - string-search-not-set** function ARR 32
 - string-search-set** function ARR 32
 - string-trim** function ARR 30
 - :string-trim** option for **prompt-and-read** RN 85, MISCUI 13
 - string-upcase** and **string-downcase** RN 80
 - string-upcase** function RN 80, ARR 27
 - stringp** function PRIM 4
 - Strings PRIM 1, 4, ARR 4, 25
 - strings STR 25
 - Strings ARR 1
 - strings ARR 25
 - strings TOOLS 35, 37
 - strings NOTA 1
 - strings STR 25
 - Strings ARR 34
 - strings PRIM 93
 - strings STR 25
 - strings WINDOC 27
 - strings as array elements ARR 4
 - Strings Automatically ZMACS 90
 - String] Map over menu item ZMAILC 17, 30
 - Structure STOR 1
 - structure PRIM 27
 - structure NOTA 1
 - structure MISCUI 20
 - structure DEFS 13
 - structure DEFS 13
 - structure DEFS 27
 - structure MISCT 3
 - Structure PRIM 11
- New optional arguments to
- Alternative control
 - Arrays: Arrays and Character
 - Documentation
 - Double-quote character
 - Format control I/O to
 - Read function interpretation of
 - Tilde (~) character in format control
 - Typing Character
 - Locating and Replacing [Find
 - Alteration of List
 - Backquote constructing list Bp Zwei data
 - Control over printed representation of a Copying instances of the **deconstruct-slot-description**
 - Inspecting a named Manipulating List

- Printed representation of a named structure PRIM 89
- Recognizing instances of a structure DEFS 13
- The **si:deconstruct-description** Structure DEFS 27
- Wiring a structure INT 61
- Names of structure accessor functions DEFS 7
- Named structure array ARR 4, 7
- Data structure definitions 3600 19
- [Active Structure Edit] Maintenance Operations menu item SITE 1
- Evaluation of structure initialization forms DEFS 15
- Introduction to Structure Macros DEFS 1
- Named structure name DEFS 27
- Named structure property list DEFS 7
- Named structure **property-alist** DEFS 27
- Named structure size DEFS 27
- Named structure **slot-alist** DEFS 27
- Named structure symbol DEFS 23
- Array structure type DEFS 7
- Binary tree structure type DEFS 7
- Fixnum structure type DEFS 7
- List structure type DEFS 7
- %structure-boxed-size** function INT 15
- structure-forward** function INT 13
- %structure-total-size** function INT 15
- Structured records PRIM 32
- Structures DEFS 1
- Analyzing Structures INT 14
- Data structures DEFS 1
- Displaying data structures SCROLL 1
- Exit control structures FLOW 1
- Initialization in structures DEFS 15
- Named structures DEFS 7, 23
- Names of structures DEFS 5
- Nonlocal exit control structures FLOW 1
- Analyzing Structures Remains the Same 3600 23
- STS packets NETIO 50
- STS Status packet NETIO 56
- Stuck States LMS 41
- Stuck States ZMAILT 23
- Stuck States LMS 8
- STY pseudo terminal NETIO 75
- style RN 21, STR 39
- :**editor** output format style RN 21, STR 39
- :**read** output format style RN 21, STR 39
- :**sail** output format style RN 65
- Controlling timeout style RN 65
- Compiler Performs Style Checking on All Forms RN 81
- Compiler style-checker 3600 14
- compiler:** **style-checker** property RN 81
- STYNET system call NETIO 75
- sub1** function PRIM 72
- Dired Print File subcommand HARD 1
- [Add Subject field ZMAILT 8, 13, 37, 41
- Subject Field] Headers Editor menu item ZMAILT 41
- Subject or Text Zmail display column heading ZMAILT 3
- Change Subject Pronouns (m-X) Zmail command ZMAILT 41
- [Change Subject Pronouns] Headers Editor menu item ZMAILT 41
- sublis** function PRIM 28
- Submenu RN 105
- :**submit** option to **open** STR 60
- SUBMIT QFILE OPEN option PROT 102
- Subnet NETIO 43, 46
- subnet:** network object attribute PROT 13
- Subnets PROT 35
- Subpackages RN 6
- Subpackets: Coercing Packets PROT 65
- Subprimitive INT 16
- Basic Locking

Symbolics, Inc. March 1984

| | |
|--|---|
| Lambda-binding | Subprimitive INT 22 |
| Locking | Subprimitive 3600 24 |
| Closure | Subprimitives 3600 11, 19, COND 16, INT 9 |
| Data Types: | Subprimitives INT 26 |
| Function-calling | Subprimitives INT 9 |
| I/O | Subprimitives 3600 25 |
| I/O Device | subprimitives 3600 23 |
| Interim Changes: | Subprimitives INT 16 |
| New | Subprimitives INT 33 |
| Paging | Subprimitives 3600 24 |
| The sys:%pointerp and sys:%pointer-type-p | subprimitives 3600 23 |
| Function-calling | Subprimitives INT 34 |
| | Subprimitives (LM-2) INT 21 |
| | Subprimitives Existing on the LM-2 and 3600 3600 |
| | 24 |
| | Subprimitives Existing Only on the 3600 3600 24 |
| | Subprimitives Not Existing on the 3600 3600 23 |
| | Subprimitives: Software Changes 3600 19 |
| Data Types: | Subprimitives: Software Changes 3600 20 |
| General Information: | Subprimitives: Software Changes 3600 19 |
| New | subprimitives: sys:%fixnum and sys:%flonum 3600 |
| | 22 |
| | Subprograms PKG 53 |
| Rendezvous | subprotocols NETIO 68 |
| Closed | Subr pointer PRIM 1 |
| Open | subroutine FUNC 9 |
| NETWRK | subroutine FUNC 9 |
| | subroutine package NETIO 73 |
| | Subroutine Packages NETIO 79 |
| | subrp function PRIM 4 |
| | Subscript Bounds Checking 3600 19 |
| sys: | subscript-out-of-bounds flavor COND 61 |
| Array | subscripts ARR 4, 13 |
| Out-of-bounds | subscripts COND 61 |
| | subset function PRIM 36 |
| | subset-not function PRIM 36 |
| | Subst MAC 11 |
| | subst function PRIM 28 |
| | subst functions FUNC 9, MAC 11 |
| | Substitutable Functions MAC 11 |
| | Substitutes for mouse commands ZMAILT 24 |
| | Substitution PRIM 27 |
| | substring function ARR 29 |
| Distribution Tape | Subsystem TAPE 9 |
| FED, the | Subsystem FED 5 |
| Microcode | subsystem TAPE 9 |
| Peek | subsystem SCROLL 1 |
| The Output | Subsystem STR 37 |
| Frame-oriented interactive | subsystems WINDOC 88 |
| | Subtraction PRIM 68, 69, 72 |
| | Subtraction of 24-bit numbers PRIM 82 |
| Rules for | Successful Completion STR 85, FILE 28 |
| | sum clause FLOW 42, 48 |
| | sum keyword FLOW 42 |
| Mail action | summary LMS 28 |
| Zmail actions | summary LMS 28 |
| Index of Function Keys: Lisp Machine | Summary 3600 Edition LMS 37 |
| [Append] Message | Summary Line menu item ZMAILC 21 |
| [Filter] Message | Summary Line menu item ZMAILC 28 |
| | Summary of Boot and Halt Operations NETIO 3 |
| | Summary of Changes to Character Names 3600 7 |
| | Summary of Debugger Commands DEBUG 15 |
| | Summary of Debugging Aids DEBUG 17 |
| | Summary of the Major Changes INED 3 |
| | Summary window ZMAILT 3, 11, 44, ZMAILC 5 |
| Scrolling | summary window ZMAILT 13 |
| | Summary window filters ZMAILC 10 |
| | Summary window scrolling ZMAILC 5 |

- Babyl files with
 - summary-window-format** Babyl file option RN 129
 - summary-window-format** other than t or nil need to be edited RN 129
 - summing** clause FLOW 42
 - summing** keyword FLOW 42
- Telnet and
 - Supdup RN 1
 - Supdup NETIO 63
 - Supdup Key Mappings 3600 8
 - Supdup program LMS 35
 - Supdup protocol NETIO 63
- Arpanet Telnet and
 - Supdup protocols NETIO 63
 - super** bit STR 3
 - SUPER key RN 102, COND 46, WINDOC 41
 - SUPER QFILE OPEN option PROT 100
- QFILE
 - SUPER-IMAGE character set translation mode PROT 90
 - :super-image** option for **with-open-file** STR 59
 - :super-image** property WINDOC 41
 - :superior** init option for
 - tv:choose-variable-values** MENUS 63
 - Superior window WINDOC 3, 5
 - Superpackages RN 6
 - :supersede** symbol in **:if-exists** option for **open** INT 69
 - :supersede** value of **open** option for **:if-exists** RN 25, STR 63
 - supervisor**: user object attribute PROT 11
 - Supplied-p variable EVAL 11
- Power
 - supplies NETIO 106
- Disk drive
 - support NETIO 13
 - Support buffers ZMACS 98
 - support functions ZMACS 98
- Zmacs
 - Support Various Switches 3600 32
- Compiler Does Not
 - Supported FILE 40
- Host File Systems
 - Supported ZMAILC 35
- Internet Domain Addressing
 - Supported RN 130
- Rfc822 Domain Addressing
 - supported RN 149
- tv:set-default-font** not
 - supported by Chaosnet NETIO 36
- Computers
 - supported by host PROT 8
- Protocols
 - supported by host PROT 8
- Services
 - Supported file formats FED 27
 - supported on the 3600 RN 145
 - supported servers PROT 83
- LMFS Dumper
 - Supports Accordion Wildcards RN 119
- LMFS Now
 - Supports Directory Links RN 120
- FEP
 - Supports Hdlc Serial I/O RN 133
- 3600
 - Supports IEEE Single- and Double-precision Floating Point RN 48
 - :supports-broadcast** message PROT 75
 - Suppress prompting for passwords RN 70, STR 80
- Default
 - surface type FILE 17
- Preferred
 - surface type FILE 17
 - Surface type in pathnames FILE 17
- Macros That
 - Surround Code MAC 20
- Transpose two
 - surrounding addresses ZMAILT 47
- [Mark
 - survey] Select menu item ZMAILC 28
 - [Survey] Zmail menu item ZMAILC 8, 13
- SUSPEND LMS 42, TOOLS 70
- SUSPEND key 3600 5
- [Swap Gray] Font Editor menu item FED 15, 30
- Swap Point And Mark ZMACS 77
- Swap Point And Mark (c-X c-X) TOOLS 55
- (Swap Point And Mark) TOOLS 55
- :swap-hash** message PRIM 45
- :swap-recommendations** option for
 - make-area** 3600 29
- :swap-sv-of-sg-that-calls-me** option for
 - make-process** PROC 11
- c-X c-X

- Previously undocumented macro:
- Swapin and
END and c-END
Stack group
 - Compiler Does Not Support Various
Stack group
Warning
Disk
 - :*** keyword
 - :case-documentation**
 - :make-array**
 - :mouse**
 - :times**
 - :which-operations**
 - Atomic
 - Home Package of a
 - Inspecting a
 - Interned
 - Lambda
 - lambda-list-keywords**
 - Named structure
 - nil**
 - otherwise**
 - Printed representation of a
 - Private
 - si:*hairy***
 - si:*unknown***
 - Single-character
 - t**
 - Unbound
 - Unbound-function
 - Uninterned
 - Use **record-source-file-name** instead of (**remprop**
 - Where Is
 - Where Is
 - Removing
 - :combination**
 - :essential-mixin**
 - :lowlevel-mixin**
 - :mixin**
 - :special-purpose**
 - :create**
 - :error**
- :swap-sv-of-sg-that-calls-me** option for
make-stack-group INT 5
 - :swap-sv-on-call-out** option for
make-process PROC 11
 - :swap-sv-on-call-out** option for
make-stack-group INT 5
 - swapf** RN 82
 - swapf** macro RN 82, MAC 37
 - swaphash** function PRIM 46
 - swaphash-equal** function PRIM 47
 - Swapin and Swapout (LM-2 Only) INT 33
 - Swapout (LM-2 Only) INT 33
 - swapped in Converse RN 116
 - switch INT 1
 - Switches 3600 32
 - switches STOR 6
 - switches COMP 10
 - switching NETIO 7, 13
 - Switching stack groups INT 2
 - sxhash** function PRIM 32
 - SYMBOL LMS 43
 - symbol PROT 27
 - symbol COND 40
 - symbol DEFS 15
 - symbol RN 42, WINDOC 45
 - symbol DEFS 15
 - symbol COND 40
 - symbol PRIM 1
 - Symbol PKG 7, 40
 - symbol MISCT 3
 - symbol PRIM 58
 - symbol EVAL 11
 - symbol EVAL 11
 - symbol DEFS 23
 - symbol PRIM 53
 - symbol FLOW 4
 - symbol PRIM 89, 93
 - symbol PKG 5
 - symbol FUNC 16, 22
 - symbol FUNC 16, 22
 - symbol RN 18, PRIM 106
 - symbol PRIM 53
 - symbol PRIM 53
 - symbol MISC 1
 - symbol PRIM 58, MAC 15
 - symbol 'source-file-name**) RN 147
 - Symbol (m-X) TOOLS 34
 - Symbol (m-X) Zmacs command PKG 5
 - Symbol as menu item MENUS 9
 - Symbol as pattern in dummy description WINDOC
93
 - Symbol associated with property list PRIM 39
 - Symbol Characters on the LM-2 and 3600 3600 10
 - Symbol definition PRIM 55
 - symbol from package PKG 40
 - Symbol function spec type FUNC 1
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:documentation** option to
defflavor FLAV 35
 - symbol in **:if-does-not-exist** option for **open** INT 69
 - symbol in **:if-does-not-exist** option for **open** INT 69

- nil symbol in **:if-does-not-exist** option for **open** INT 69
- :error** symbol in **:if-exists** option for **open** INT 69
- :new-version** symbol in **:if-exists** option for **open** INT 69
- :overwrite** symbol in **:if-exists** option for **open** INT 69
- :supersede** symbol in **:if-exists** option for **open** INT 69
- nil symbol in **:if-exists** option for **open** INT 69
- :error** symbol in **:if-locked** option for **open** INT 69
- :share** symbol in **:if-locked** option for **open** INT 69
- :array** symbol in **:type** option to **defstruct** DEFS 7
- :array-leader** symbol in **:type** option to **defstruct** DEFS 7
- :fixnum** symbol in **:type** option to **defstruct** DEFS 7
- :fixnum-array** symbol in **:type** option to **defstruct** DEFS 7
- :flonum-array** symbol in **:type** option to **defstruct** DEFS 7
- :grouped-array** symbol in **:type** option to **defstruct** DEFS 7
- :list** symbol in **:type** option to **defstruct** DEFS 7
- :named-array** symbol in **:type** option to **defstruct** DEFS 7
- :named-array-leader** symbol in **:type** option to **defstruct** DEFS 7
- :named-list** symbol in **:type** option to **defstruct** DEFS 7
- :tree** symbol in **:type** option to **defstruct** DEFS 7
- :latest** symbol in **make-system :version** option MAINT 13
- :newest** symbol in **make-system :version** option MAINT 13
- :released** symbol in **make-system :version** option MAINT 13
- SYMBOL key 3600 5
- Symbol line item entry SCROLL 6
- Symbol Macros MAC 13
- :symbol** message to **sys:package-locked** COND 63, PKG 51
- Symbol name conflicts PKG 8
- Symbol prefixes NETIO 79
- Symbol print names storage area STOR 5
- Symbol print-name quoter RN 17
- :symbol** returned by **typep** PRIM 5
- CC symbol table SITE 31
- symbol-area** variable 3600 29, STOR 5
- Symbol-Help character 3600 7
- symbol-package** function PKG 7, 40
- symbol-syn-stream** RN 20
- Symbolic host names NETIO 43
- Symbolic names of shift keys WINDOC 75
- symbolp** function PRIM 3
- Symbols PRIM 1, 3, 53, PKG 1, TOOLS 33
- Symbols PRIM 58
- Creating Symbols MAC 15
- Dot (.) in symbols PKG 7, 23, 27, 45, 46
- Exporting symbols RN 6, PKG 4, 7
- External symbols PKG 5
- Global symbols RN 9
- global** package symbols PKG 7, 23, 27, 45
- Importing Symbols PKG 7
- Importing and Exporting symbols RN 6, PKG 4
- Internal symbols EVAL 11
- Keyword symbols RN 7
- keyword** package symbols PKG 1
- Mapping from names to Symbols PKG 37
- Mapping Names to Symbols PKG 20
- Printed Representation of Symbols RN 19
- Printing Uninterned symbols PRIM 93
- Read function of Symbols PKG 8, 27, 45
- Shadowing symbols RN 19, PKG 7, 40
- Uninterned Symbols (m-X) TOOLS 35
- List Matching Symbols Among Packages PKG 3
- Sharing of Symbols Are Self-evaluating RN 13
- Keyword Symbols in compiled code files COMP 25
- Symbols in **global** and **keyword** packages with the same names RN 7
- Symbols moved to or from **global** package RN 9
- Symbols Specific to the LM-2 3600 22
- Symbols storage area STOR 5

- Adding new symbols to locked packages PKG 58
 - Symbols used as functions FUNC 1
 - symeval** function PRIM 1, 53
 - Length of **:symeval** line item SCROLL 6
 - Width of **:symeval** line item SCROLL 6
 - :symeval** line item entry SCROLL 6
 - symeval-in-closure** function FUNC 34
 - symeval-in-instance** function FLAV 32
 - symeval-in-stack-group** function INT 6
 - syn-stream** RN 20
 - #: Loading Sync Programs RN 135
 - Load Sync-program command NETIO 7
 - Load Sync-program FEP command RN 134, 135
 - QFILE synchronization check PROT 99
 - Synchronization Functions INT 58
 - Synchronizing disk transfers INT 58
 - synchronous marks PROT 108
 - Synchronous Marks PROT 108
 - Synonym stream RN 20, STR 19
 - Synonym streams STR 17
 - Synonyms FLOW 48
 - Loop syntax PRIM 93
 - Circumflex (^) In fixnum Pathname syntax LMS 16
 - QFILE Syntax PROT 92
 - Underscore (_) In fixnum syntax PRIM 93
 - si:alphabetic** syntax description RN 18, PRIM 106
 - si:break** syntax description RN 18, PRIM 106
 - si:circlecross** syntax description RN 18, PRIM 106
 - si:doublequote** syntax description RN 18, PRIM 106
 - si:macro** syntax description RN 18, PRIM 106
 - si:single** syntax description RN 18, PRIM 106
 - si:slash** syntax description RN 18, PRIM 106
 - si:verticalbar** syntax description RN 18, PRIM 106
 - si:whitespace** syntax description RN 18, PRIM 106
 - Character syntax descriptions RN 17
 - Invalid pathname syntax errors COND 69
 - Syntax errors in read functions RN 23
 - Syntax of **defstruct-define-type** DEFS 30
 - Sys Hosts RN 119
 - SYS logical host FILE 49
 - sys** package PKG 49
 - Sys: l-ucode; logical directory FILE 73
 - Sys: site; logical directory SIG 39
 - sys:%dpr-page-num** constant INT 56
 - sys:%dpr-unit** constant INT 56
 - sys:%region-map-bits** option for **make-area** STOR 2
 - sys:%region-map-bits** option for **make-area** 3600 29
 - sys:%region-scavenge-enable** option for **make-area** STOR 2
 - sys:%region-space-type** option for **make-area** STOR 2
 - sys:%aging-depth** meter INT 33
 - sys:%binding-instances** function INT 26
 - sys:%block-store-tag-and-pointer** function 3600 24
 - sys:%change-list-to-cons** function 3600 24
 - sys:%change-page-status** function 3600 23, INT 25
 - sys:%chaos-csr-address** variable INT 28
 - sys:%color-transform** function WINDOC 40
 - sys:%compute-page-hash** function 3600 23, INT 25
 - sys:%count-age-flushed-pages** meter INT 33
 - sys:%count-aged-pages** meter INT 33
 - sys:%count-chaos-transmit-aborts** meter INT 30
 - sys:%count-cons-work** meter INT 30
 - sys:%count-disk-ecc-corrected-errors** meter INT 32
 - sys:%count-disk-errors** meter INT 32
- New Default LMFS Translation Table for

sys:%count-disk-page-read-operations meter INT 31
sys:%count-disk-page-read-operations-in-scavenger meter RN 52, INT 30
sys:%count-disk-page-read-operations-in-transporter meter RN 52, INT 30
sys:%count-disk-page-reads meter INT 31
sys:%count-disk-page-write-busys meter INT 32
sys:%count-disk-page-write-operations meter INT 31
sys:%count-disk-page-write-waits meter INT 32
sys:%count-disk-page-writes meter INT 31
sys:%count-disk-prepages-not-used meter INT 32
sys:%count-disk-prepages-used meter INT 31
sys:%count-disk-read-compare-differences meter INT 32
sys:%count-disk-read-compare-rereads meter INT 32
sys:%count-disk-read-compare-rewrites meter INT 32
sys:%count-disk-recalibrates meter INT 32
sys:%count-extra-pdl-ovs meter INT 34
 The **sys:%count-extra-pdl-ovs** Meter (LM-2 Only) INT 34
sys:%count-findcore-emergencies meter INT 33
sys:%count-findcore-steps meter INT 33
sys:%count-first-level-map-reloads meter INT 31
sys:%count-fresh-pages meter INT 31
sys:%count-meta-bits-map-reloads meter INT 31
sys:%count-pdl-buffer-memory-faults meter INT 31
sys:%count-pdl-buffer-read-faults meter INT 31
sys:%count-pdl-buffer-write-faults meter INT 31
sys:%count-scavenger-work meter INT 30
sys:%count-second-level-map-reloads meter INT 31
sys:%create-page-physical-page function 3600 23
sys:%create-physical-page function INT 25
sys:%current-stack-group variable INT 4
sys:%current-stack-group-calling-args-number variable INT 27
sys:%current-stack-group-calling-args-pointer variable INT 27
sys:%current-stack-group-previous-stack-group variable INT 3
sys:%current-stack-group-state variable INT 27
sys:%delete-physical-page function 3600 23, INT 25
sys:%disk-blocks-per-cylinder variable INT 29
sys:%disk-blocks-per-track variable INT 29
sys:%disk-error-device-check constant INT 65
sys:%disk-error-ecc constant INT 66
sys:%disk-error-log-pointer meter INT 32
sys:%disk-error-misc constant INT 66
sys:%disk-error-not-ready constant INT 65
sys:%disk-error-overflow constant INT 66
sys:%disk-error-search constant INT 66
sys:%disk-error-seek constant INT 66
sys:%disk-error-select constant INT 65
sys:%disk-error-state-machine constant INT 66
sys:%disk-restore function 3600 23, INT 25
sys:%disk-run-light variable INT 29
sys:%disk-save function 3600 23, INT 25
sys:%disk-wait-time meter INT 32
sys:%draw-line function WINDOC 40
sys:%draw-rectangle function WINDOC 40
sys:%draw-triangle function WINDOC 40
sys:%error-handler-stack-group variable INT 28
sys:%fixnum and **sys:%flonum** 3600 22

New subprimitives:

- New subprimitives: **sys:%fixnum** and
- sl:halt** replaces
- The **sys:%pointerp** and
The
- Base flavor:
- Base flavor:
- Base flavor:
- sys:%fixnum** function 3600 22
 - sys:%flonum** 3600 22
 - sys:%flonum** function 3600 22
 - sys:%gc-flip-ready** variable INT 28
 - sys:%gc-generation-number** variable INT 28
 - sys:%halt** RN 133
 - sys:%halt** function RN 133, 3600 23, INT 17
 - sys:%inhibit-read-only** variable INT 28
 - sys:%initial-fee** variable INT 27
 - sys:%initial-stack-group** variable INT 27
 - sys:%instance-flavor** function 3600 24
 - sys:%internal-value-cell** function INT 26
 - sys:%loaded-band** variable INT 29
 - sys:%meter-buffer-pointer** variable INT 29
 - sys:%meter-disk-address** variable INT 29
 - sys:%meter-disk-count** variable INT 29
 - sys:%meter-global-enable** variable INT 29
 - sys:%number-of-micro-entries** variable INT 27
 - sys:%p-store-cdr-and-contents** function 3600 24
 - sys:%p-store-cdr-type-and-pointer** function 3600 24
 - sys:%p-structure-offset** function 3600 24
 - sys:%page-cons-alarm** variable INT 28
 - sys:%pointer-lessp** function 3600 24
 - sys:%pointer-type-p** function 3600 24, INT 35
 - sys:%pointer-type-p** Subprimitives INT 34
 - sys:%pointerp** and **sys:%pointer-type-p**
Subprimitives INT 34
 - sys:%pointerp** function 3600 24, INT 35
 - sys:%read-compare-enables** variable INT 29
 - sys:%region-cons-alarm** variable INT 28
 - sys:%scavenger-run-time** meter RN 52, INT 30
 - sys:%scheduler-stack-group** variable INT 28
 - sys:%transporter-run-time** meter RN 52, INT 30
 - sys:%trap-micro-pc** variable INT 27
 - sys:%tv-clock-counter** meter RN 52, INT 30
 - sys:%tv-clock-rate** meter INT 30
 - sys:%unsynchronized-device-read** function 3600
24
 - sys:%using-binding-instances** function INT 26
 - sys:%xbus-write-sync** function INT 17
 - sys:*break-bindings*** variable MISC 9
 - sys:*data-types*** variable 3600 20, INT 12
 - sys:*disk-error-codes*** constant INT 65
 - sys:a-memory-counter-block-names** variable INT
33
 - sys:a-memory-location-names** variable INT 29
 - sys:abort** flavor COND 24, 46, 52, TOOLS 121,
TOOLS 121
 - sys:active-processes** variable PROC 6
 - sys:all-processes** variable PROC 6
 - sys:area-overflow** flavor COND 57
 - sys:arithmetic-error** COND 55
 - sys:arithmetic-error** COND 54
 - sys:arithmetic-error** flavor RN 98, COND 54
 - sys:array-has-no-leader** flavor COND 60
 - sys:array-wrong-number-of-dimensions**
flavor COND 60
 - sys:bad-array-type** flavor COND 60
 - sys:bad-connection-state** flavor COND 74
 - sys:bad-data-type-in-memory** flavor COND 54
 - sys:bitbit-array-fractional-word-width** flavor COND
57
 - sys:bitbit-destination-too-small** flavor COND 57
 - sys:block-store-cdr-and-contents** function 3600 24
 - sys:call-trap** flavor COND 43
 - sys:cell-contents-error** COND 53
 - sys:cell-contents-error** flavor COND 53
 - sys:clock-function-list** variable PROC 5

- sys:connection-closed** flavor COND 75
sys:connection-closed-locally flavor COND 75
sys:connection-error flavor COND 74
sys:connection-lost flavor COND 75
sys:connection-no-more-data flavor COND 75
sys:connection-refused flavor COND 74
sys:cons-in-fixed-area flavor COND 57
sys:currently-prepared-sheet variable INT 29
sys:defsubst-with-parent macro RN 145, FUNC 19
sys:disk-error flavor COND 58
sys:disk-read function INT 62
sys:disk-write function INT 62
Sys:distribution; directory TAPE 12, 13
sys:divide-by-zero flavor COND 1, 54
sys:double-float-p RN 49
sys:double-float-p function RN 49, PRIM 4
sys:draw-off-end-of-screen flavor COND 57
sys:draw-on-unprepared-sheet flavor COND 57
sys:dump-forms-to-file always puts package attribute into binary file RN 82
sys:dump-forms-to-file function COMP 25
sys:dump-forms-to-file variable 3600 32
sys:end-of-file flavor COND 56
sys:external-symbol-not-found PKG 51
sys:external-symbol-not-found PKG 51
sys:external-symbol-not-found flavor PKG 51
sys:fasl-constants-area variable 3600 29
sys:fdefine-file-pathname variable FUNC 18
sys:fdefinition-location function FUNC 21
sys:file-local-declarations variable COMP 15
sys:fill-pointer-not-fixnum flavor COND 60
sys:float-divide-by-zero flavor COND 55
sys:float-divide-zero-by-zero flavor COND 56
sys:float-inexact-result flavor COND 56
sys:float-invalid-operation flavor COND 56
sys:floating-exponent-overflow flavor COND 56
sys:floating-exponent-underflow flavor COND 56
sys:floating-point-exception COND 55
sys:floating-point-exception flavor COND 55
sys:funcall-macro flavor COND 62
sys:function-parent declaration RN 145
sys:function-parent declaration RN 145
sys:function-parent declaration FUNC 19
sys:function-parent function FUNC 18
sys:host-not-responding flavor COND 74
sys:host-not-responding-during-connection flavor COND 74
sys:host-stopped-responding flavor COND 74
sys:init-list-area variable 3600 29
sys:instance-variable-pointer-out-of-range flavor COND 58
sys:instance-variable-zero-referenced flavor COND 58
sys:invalid-form flavor COND 61
sys:invalid-function flavor COND 61
sys:invalid-lambda-list flavor COND 61
sys:ld-alloc function 3600 18
sys:ld-aref function 3600 18
sys:ld-aset function 3600 18
sys:lexpr-alloc function 3600 18
sys:lexpr-aref function 3600 18
sys:lexpr-aset function 3600 18
sys:local-network-error flavor COND 73
sys:mouse-x-scale-array and **sys:mouse-y-scale-array** (LM-2 only) RN 100
sys:mouse-x-scale-array variable RN 100, WINDOC 73
- New functions: **sys:single-float-p**,
- :package** message to
:string message to
- Base flavor:
- How to use the
Using the
- Previously undocumented variables:
- Previously undocumented variables: **sys:mouse-x-scale-array** and

sys:mouse-y-scale-array (LM-2 only) RN 100
sys:mouse-y-scale-array variable RN 101, WINDOC 75
sys:name-conflict flavor PKG 51
sys:negative-sqrt flavor COND 56
sys:network-error flavor COND 73
sys:network-resources-exhausted flavor COND 73
sys:no-action-mixin flavor COND 52
sys:non-positive-log flavor COND 55
sys:nr-sym variable 3600 29
sys:number-array-not-allowed flavor COND 60
sys:number-cons-area variable INT 27
sys:p-n-string variable 3600 29
sys:package-error COND 62
sys:package-error flavor COND 62, PKG 51
sys:package-locked COND 63, PKG 51
sys:package-locked flavor COND 63, PKG 51
sys:package-locked flavor COND 63, PKG 51
sys:package-not-found COND 62, PKG 51
sys:package-not-found COND 62, PKG 51
sys:package-not-found flavor COND 62, PKG 51
sys:page-in-area function INT 23
sys:page-in-array function INT 23
sys:page-in-region function INT 23
sys:page-in-structure function INT 23
sys:page-in-words function INT 23
sys:page-out-area function INT 24
sys:page-out-array function INT 24
sys:page-out-region function INT 24
sys:page-out-structure function INT 24
sys:page-out-words function INT 24
sys:parse-error and **sys:parse-ferror** RN 23
sys:parse-error flavor RN 23
sys:parse-ferror RN 23
sys:parse-ferror RN 24
sys:parse-ferror flavor RN 24
sys:parse-ferror function RN 24, COND 26
sys:pdl-overflow flavor COND 57
sys:print-not-readable flavor COND 63
sys:printing-random-object macro PRIM 92
sys:read-end-of-file flavor COND 63
sys:read-error flavor COND 63
sys:read-list-end-of-file flavor COND 63
sys:read-string-end-of-file flavor COND 64
sys:redefinition flavor COND 58
sys:region-table-overflow flavor COND 57
sys:remote-network-error flavor COND 74
sys:reset-temporary-area Feature STOR 5
sys:reset-temporary-area function STOR 5
sys:scheduler-stack-group variable PROC 5
sys:sg-previous-stack-group function INT 3
sys:sg-state-active stack group state INT 4
sys:sg-state-awaiting-error-recovery stack group state INT 4
sys:sg-state-awaiting-initial-call stack group state INT 4
sys:sg-state-awaiting-return stack group state INT 4
sys:sg-state-exhausted stack group state INT 4
sys:sg-state-invoke-call-on-return stack group state INT 4
sys:sg-state-resumable stack group state INT 4
sys:single-float-p function RN 49, PRIM 4
sys:single-float-p, **sys:double-float-p** RN 49
sys:subscript-out-of-bounds flavor COND 51
Sys:sys:qcons logical directory 3600 22
sys:throw-tag-not-seen flavor COND 57
sys:too-few-arguments flavor COND 59

Interning errors based on
:package message to
:symbol message to
:name message to
:relative-to message to

New error flavors:
New error flavors: **sys:parse-error** and
New function:

The

New functions:

- sys:too-many-arguments** flavor COND 59
 - sys:unbound-closure-variable** flavor COND 53
 - sys:unbound-instance-variable** flavor COND 53
 - sys:unbound-symbol** flavor COND 53
 - sys:unbound-variable** flavor COND 53
 - sys:unclaimed-message** flavor COND 62
 - sys:undefined-function** flavor COND 54
 - sys:undefined-keyword-argument** flavor COND 61
 - sys:unknown-address** flavor COND 73
 - sys:unknown-host-name** flavor COND 73
 - sys:unknown-locf-reference** flavor COND 54
 - sys:unknown-self-reference** flavor COND 54
 - sys:virtual-memory-overflow** flavor COND 57
 - sys:with-open-file-search** RN 69
 - sys:with-open-file-search** macro RN 69, STR 60
 - sys:write-in-read-only** flavor COND 57
 - sys:wrong-stack-group-state** flavor COND 56
 - sys:wrong-type-argument** condition COND 27
 - sys:wrong-type-argument** flavor COND 59
 - sys:zero-args-to-select-method** flavor COND 59
- New macro:
- Sys:
 - sys:qcons logical directory 3600 22
 - Sysdcl file PKG 32
 - SYSENG;NETWRK >file NETIO 79
 - system** PRIM 103
 - System MAINT 1
 - System TAPE 15
 - system RN 1
 - System MENUS 4
 - System PKG 57
 - System WINDOC 1
 - System MAINT 3
 - System MAINT 19
 - System FILE 71, NETIO 6
 - System RN 1
 - System 3600 17
 - system ZMAILC 33
 - System PROT 63
 - System MAINT 1
 - System STR 1
 - System HARD 1
 - System FILE 57
 - System INED 1
 - System FILE 57
 - system HARD 1
 - system PROT 53
 - system RN 127
 - System MAINT 13
 - system SITE 1
 - system RN 1, 107
 - System WINDOC 1
 - System INED 9
 - System WINDOC 1
 - system PRIM 58
 - System WINDOC 1
 - system NETIO 7
 - system FILE 1
 - system MAINT 37
 - System WINDOC 75
 - System PROT 35
 - System INT 23
 - system FLAV 40
 - system ZMAILC 35
 - System INT 84
 - system (Converse) ZMAILC 1
 - System 3600 EIA RS-232 protocol NETIO 23
 - System As Tag Table (m-X) TOOLS 54
 - System As Tag Table (m-X) Zmacs
 - command ZMACS 95
- Add
- Carry tape
 - Choice Facilities Use the Flavor
 - Compatibility with the Old Package
 - Concepts: Using the Window
 - Defining a
 - Describing a
 - FEP File
 - File
 - Flavor
 - Host
 - Interfacing to the Network
 - Introduction to Making a
 - Introduction to the I/O
 - Introduction: Hardcopy
 - Introduction: Lisp Machine File
 - Introduction: New Yank
 - Lisp Machine File
 - Lisp Machine generic hardcopy
 - Lisp Machine pathname
 - Major and Minor mode
 - Making a
 - Manipulating the local file
 - Network namespace
 - New Window
 - Numeric Arguments: New Yank
 - Old Window
 - Package
 - Purpose of the Window
 - Restoring a file
 - Shared file
 - Status of a patchable
 - The Keyboard: Using the Window
 - The Lisp Machine Generic Network
 - The Paging
 - Use of **:default-handler** on the 3600
 - VAX/VMS file
 - Verifying a FEP File
 - Interactive message
- Select
- Select

- CHAOSO system call NETIO 73, 75
- CLOSE system call NETIO 75
- FINISH system call NETIO 75
- FORCE system call NETIO 73, 75
- IOT system call NETIO 73
- NETBLK system call NETIO 75
- PKTIOT system call NETIO 73
- RCHST system call NETIO 75
- RESET system call NETIO 75
- RFNAME system call NETIO 75
- SIOT system call NETIO 73
- STYNET system call NETIO 75
- WHYINT system call NETIO 75
- ioctl** System Call Commands NETIO 99
- System Calls NETIO 73
- Window System Changes Associated with Mouse Input RN 40
- Keyboard under window system control WINDOC 1
- Mouse under window system control WINDOC 1
- System declaration file PKG 32, 53
- Loading the System Definition MAINT 11
- System Dependencies ZMAILC 33
- Display status of file system display MISCUC 3
- Entering File System Editor ZMACS 30
- File System Editor FSED 1
- File system editor directory display FSED 5
- [Close] File System Editor menu item FSED 1
- [Create Interior Directory] File System Editor menu item FSED 1
- [Create Link] File System Editor menu item FSED 1
- [Decache] File System Editor menu item FSED 1
- [Delete] File System Editor menu item FSED 1
- [Dump] File System Editor menu item FSED 1
- [Edit Link Transparencies] File System Editor menu item FSED 1
- [Edit Properties] File System Editor menu item FSED 1
- [Edit] File System Editor menu item FSED 1
- [Expunge] File System Editor menu item FSED 1
- [filename / Hardcopy] File System Editor menu item HARD 1
- [Hardcopy] File System Editor menu item FSED 1
- [Load] File System Editor menu item FSED 1
- [New Properties] File System Editor menu item FSED 1
- [Open] File System Editor menu item FSED 1
- [Rename] File System Editor menu item FSED 1
- [Selective Open] File System Editor menu item FSED 1
- [Undelete] File System Editor menu item FSED 1
- [View Properties] File System Editor menu item FSED 1
- [View] File System Editor menu item FSED 1
- [Wildcard Delete] File System Editor menu item FSED 1
- Miscellaneous System Errors Not Categorized by Base Flavor COND 56
- SYSTEM F command FILE 67
- System facility MAINT 1
- System file types TAPE 15
- System in Release 5.0 RN 119
- System in Release 5.0 RN 119
- System in Release 5.0 RN 120
- system information MISCUC 5
- :system** initialization list INIT 5
- System Initialization Lists INIT 5
- System internals NOTA 1
- SYSTEM key 3600 5
- System maintenance MAINT 27
- File System Maintenance Commands SITE 1
- [Complete Dump] File System Maintenance menu item SITE 1
- [Flush Free Buffer] File System Maintenance menu item SITE 1
- [Flush Timeout] File System Maintenance menu item SITE 1
- [Free Records] File System Maintenance menu item SITE 1
- [HELP] File System Maintenance menu item SITE 1
- [Incremental Dump] File System Maintenance menu item SITE 1
- Changes to the File System in Release 5.0 RN 119
- Incompatible Changes to the File System in Release 5.0 RN 120
- New Features in the File System Information MISCUC 5
- Display **:system** initialization list INIT 5
- System Initialization Lists INIT 5
- System Internals NOTA 1
- SYSTEM key 3600 5
- System Maintenance MAINT 27
- File System Maintenance Commands SITE 1
- [Complete Dump] File System Maintenance menu item SITE 1
- [Flush Free Buffer] File System Maintenance menu item SITE 1
- [Flush Timeout] File System Maintenance menu item SITE 1
- [Free Records] File System Maintenance menu item SITE 1
- [HELP] File System Maintenance menu item SITE 1
- [Incremental Dump] File System Maintenance menu item SITE 1

[Lisp Window] File System Maintenance menu item SITE 1
 [Maintenance] File System Maintenance menu item SITE 1
 [Print Disk Label] File System Maintenance menu item SITE 1
 [Print Herald] File System Maintenance menu item SITE 1
 [QUIT] File System Maintenance menu item SITE 1
 [Reload/Retrieve] File System Maintenance menu item RN 151, SITE 1
 [Salvage] File System Maintenance menu item SITE 1
 [Server Errors] File System Maintenance menu item SITE 1
 [Server Shutdown] File System Maintenance menu item SITE 1
 [Tree edit any] File System Maintenance menu item FSED 1, SITE 1
 [Tree edit Homedir] File System Maintenance menu item FSED 1, SITE 1
 [Tree edit root] File System Maintenance menu item FSED 1, SITE 1
 File System Maintenance Program SITE 1
 Free Records: File System Maintenance Program SITE 13
 System menu LMS 14, ZMACS 30
 System Menu MENUS 38
 System menu ZMACS 30
 System Menu command CONV 1
 System menu item WINDOC 2
 System menu item WINDOC 2, 3, 87
 System menu item HARD 1
 System menu item MISCT 1
 System menu item WINDEX 16
 System menu mouse click ZMACS 50
 system messages FLAV 47
 system methods FLAV 47
 System mode INT 55
 Maintaining a Patchable System on the LM-2 and 3600 3600 30
 :system option for **add-initialization** INIT 1
 system package 3600 27, PKG 5, 49
 system package PKG 49
 system package PKG 49
 System Packages PKG 49
 system partition SIG 41
 system partition table FILE 67
 System Program Examples WINDEX 1
 system property PROT 118
 system property PROT 118
 system property names PRIM 56
 System Source Policy TAPE 10
 System status MISCU 3
 system status MAINT 37
 system status MAINT 37
 system status MAINT 37
 system status MAINT 37
 System Status MAINT 37
 system storage resources STOR 17
 system storing functions FUNC 1
 SYSTEM T command 3600 5
 system to be dumped TAPE 15
 System User Interface INT 55
 System User Interface INT 74
 System User Interface INT 68
 System Utilities INT 83
 system variables INT 27
 system version number PROT 23
 System version-directory file MAINT 30
 System versions MAINT 27
 System) FILE 72
 LMFS (Lisp Machine File
 si: **system-additional-info** variable SIG 37
 si: ***system-being-defined*** variable MAINT 23
 si: ***system-being-made*** variable MAINT 21
system-communication-area variable 3600 29
system-internals package PKG 49
 tv: ***system-keys*** variable WINDOC 53
:system-release options for **si:full-gc** STOR 8
:system-type method of **fs:pathname** FILE 34
system-type: host object attribute PROT 6

sl: **system-version-info** function MAINT 29
 FEP File System: 3600 Disk System User Interface INT 68
 FEP File System: Naming of Files FILE 42
 SYSTEM:HOSTS2.BIN file NETIO 83
 SYSTEM;CHSDEF >file NETIO 79
 Systems TAPE 9
 Finding Out About Patchable Systems MAINT 29
 Maintaining parallel systems 3600 30
 Standard Systems TAPE 17
 Updating systems MAINT 27
 User-maintained systems 3600 30
 Maintaining Parallel Systems for the LM-2 and the 3600 MAINT 19
 Systems List TAPE 15, 16
 Systems List pane TAPE 15
 Matrices and Systems of Linear Equations ARR 19
 :**systems** option for **load-patches** MAINT 33
 Systems selected for dumping TAPE 15
 Host File Systems Supported FILE 40
 Writing systems, bands, and microcodes onto tape TAPE 13
 [Prune systems] Choice Boxes menu item TAPE 17

T

New Terminal Program SELECT
 SELECT
 SELECT
 SELECT
 SYSTEM
 floatp returns
 SELECT
 Babyl files with **summary-window-format** other than
 WIN
 c-X
 c-X
 New terminal program (SELECT
 :**terpri** option for **format:**
 :**unit** option for **format:**
 Insert
format:
 Indent For Lisp
 Set
 Set
 CC symbol
 Char-exists
 Command
 Connection address in routing
 Connection cost in routing
 Connection type in routing
 File system partition
 Font indexing
 Hash
 Host
 ITS host

T

T LMS 35
 T ZMACS 30
 t blinker visibility WINDOC 63
 T command 3600 5
 T command RN 114
 T command 3600 5
 T connection flag NETIO 77
 t for any floating-point number RN 49
 T key LMS 35
 t or nil need to be edited RN 129
 t symbol PRIM 53
 T window size for outgoing half of this
 connection NETIO 77
 T Zmacs command ZMACS 82
 T Zmail command ZMAILT 41
 T) RN 114
 T306 disk drive NETIO 13
 TAB LMS 43
tab PRIM 103
tab STR 40
tab STR 40
 Tab ZMACS 150
 TAB (Indent For Lisp) TOOLS 23
 Tab character STR 3
tab function STR 40
 (TAB or c-m-TAB) TOOLS 23
 Tab stops WINDOC 23
 Tab Width (m-X) TOOLS 11
 Tab Width (m-X) Zmacs command ZMACS 128
 TAB Zmacs command ZMACS 150
 :**tab-nchars** init option for **tv:sheet** WINDOC 23, 32
 :**tab-period** option for formatting functions STR 37
 Tab-Width file attribute ZMACS 130
 table SITE 31
 table WINDOC 58
 table ZMACS 191
 table NETIO 46
 table NETIO 46
 table NETIO 46
 table FILE 67
 table WINDOC 59, 62
 table PRIM 48
 Table NETIO 66
 table NETIO 46

T

- ITS/TOPS-20/WAITS standard multi-network host
 Routing
 Some Notes on the
 New Zwei command: Find Files in Tag
 Select All Buffers As Tag
 Select System As Tag
 Find Files in Tag
 Select All Buffers As Tag
 Select System As Tag
 Select Tag
 Visit Tag
 Find Files in Tag
 Hash
 Hash
 New Default LMFS Translation
 Truth
 Hash
 Hash
 Objects as hash
 Trees as hash
 Hash
 Command
 Creating Hash
 Hash
 Lists as
 Loop Iteration Over Hash
 Loop Iteration path over hash
 Tags
 List Tag
 Tags
 Hash
 Inspecting hash arrays of eq hash
 Dumping Hash
 Hash
 Throw
 New Zwei command: Find Files in
 Select All Buffers As
 Select System As
 Find Files in
 Select
 Select All Buffers As
 Select System As
 Visit
 Find Files in
 List
 New special forms: **block** and
 prog
- table NETIO 83
 table NETIO 46
 Table 3600 5
 Table (m-X) RN 125
 Table (m-X) TOOLS 54
 Table (m-X) TOOLS 54
 Table (m-X) Zmacs command ZMACS 97
 Table (m-X) Zmacs command ZMACS 94
 Table (m-X) Zmacs command ZMACS 95
 Table (m-X) Zmacs command ZMACS 94
 Table (m-X) Zmacs command ZMACS 97
 Table (m-X) Zwei command RN 125
 table considerations while using
 multiprocessing PRIM 42
 Hash
 table facilities PRIM 32
 Table for Sys Hosts RN 119
 table for the Boolean operations PRIM 76
 Hash
 Table Functions PRIM 46
 Hash
 table keys PRIM 42
 table keys PRIM 42
 table keys PRIM 42
 Table Messages PRIM 45
 Table searches PRIM 32
 Tables PRIM 32
 tables ZMACS 5
 Tables PRIM 43
 Tables PRIM 42
 Tables PRIM 32
 Tables FLOW 54
 tables FLOW 54
 tables TOOLS 53
 Tables (m-X) Zmacs command ZMACS 95
 Tables and Search Domains ZMACS 94
 Tables and the Garbage Collector PRIM 47
 tables not permitted RN 145
 Tables to Files PRIM 47
 Tables: Differences Between the LM-2 and
 3600 3600 31
 tag error COND 57
 Tag Table (m-X) RN 125
 Tag Table (m-X) TOOLS 54
 Tag Table (m-X) TOOLS 54
 Tag Table (m-X) Zmacs command ZMACS 97
 Tag Table (m-X) Zmacs command ZMACS 94
 Tag Table (m-X) Zmacs command ZMACS 94
 Tag Table (m-X) Zmacs command ZMACS 95
 Tag Table (m-X) Zmacs command ZMACS 97
 Tag Table (m-X) Zwei command RN 125
 Tag Tables (m-X) Zmacs command ZMACS 95
 tagbody RN 46
 tagbody special form RN 47, FLOW 13
 tags FLOW 15
 Tags Multiple Query Replace (m-X) Zmacs
 command ZMACS 96
 Tags Query Replace (m-X) TOOLS 54
 Tags Query Replace (m-X) Zmacs
 command ZMACS 95
 Tags Search (m-X) TOOLS 54
 Tags Search (m-X) Zmacs command ZMACS 95
 Tags tables TOOLS 53
 Tags Tables and Search Domains ZMACS 94
 tailp function PRIM 34
 take arguments RN 105
 tape TAPE 13
 Tape SIG 16
 tape TAPE 1
 tape SITE 10
 tape SITE 4
- tv:scroll-maintain-list init function can
 Copying distribution
 Loading Sources From a Distribution
 Streams that read or write magnetic
 Verifying a backup
 Writing contents of files to magnetic

- :prompt** option to
- :record-length** option to
- :reel** option to
- :unit** option to
- The
 - Comparing backup
 - Description of Distribution
 - Disk event
 - Disk event
 - Disk event
 - Upright Biphasic NRZI
 - Editing: Zmail Concepts and Fundamental
 - Introduction: Zmail Concepts and
 - Direct-dial
 - Arpanet
 - Lists as
 - Using windows
 - Information About
 - tv:** **temporary-choose-variable-values-window** flavor MENUS 72
 - tv:** **temporary-choose-variable-values-window** resource MENUS 73
 - tv:** **temporary-multiple-choice-window** flavor MENUS 54
 - tv:** **temporary-multiple-choice-window** resource MENUS 55
 - [Recycled
 - TOPS-20 and
 - Version
 - Entering
 - STY pseudo
 - lmlac
 - Data
 - Editing
 - Saving
 - New
 - New
 - descriptor-file** keyword for
 - name** keyword for
 - primary-name-server** keyword for
 - search-rules** keyword for
 - secondary-name-server** keyword for
- tape:make-stream** TAPE 1
- tape:make-stream** TAPE 1
- tape:make-stream** TAPE 1
- tape:make-stream** TAPE 1
- tape:make-stream** function TAPE 1
- tape:make-stream** Function TAPE 1
- tape:mount-error** flavor COND 75, TAPE 6
- tape:tape-device-error** flavor COND 75, TAPE 7
- tape:tape-error** flavor COND 75, TAPE 6
- tapes RN 151
- Tapes TAPE 9
- Target machines SITE 24
- Target pathname RN 26
- tasks INT 58
- tasks currently allocated INT 59
- tasks that can be concurrently allocated INT 59
- :tcp** connection PROT 42
- tcp-gateway** Service PROT 61
- technique NETIO 37
- Techniques ZMAILC 20
- Techniques ZMAILC 7
- Techniques ZMAILC 1
- Teco mode ZMACS 145
- telephone network PROT 12
- Telnet RN 1
- Telnet and Supdup NETIO 63
- Telnet and Supdup protocols NETIO 63
- Telnet program LMS 35
- Telnet protocol NETIO 63
- Temp-locked windows WINDOC 9, 11
- templates MAC 7
- temporarily WINDEX 56
- Temporary consing areas STOR 6
- Temporary Consing Areas (LM-2) STOR 6
- :temporary** option for **with-open-file** STR 59
- TEMPORARY QFILE OPEN option PROT 101
- Temporary Windows WINDOC 11
- temporary-choose-variable-values-window** flavor MENUS 72
- temporary-choose-variable-values-window** resource MENUS 73
- temporary-multiple-choice-window** flavor MENUS 54
- temporary-multiple-choice-window** resource MENUS 55
- temporary] Move menu item ZMAILC 28
- TENEX ZMAILC 33, 34
- TENEX FILE 46
- TENEX mail file format ZMAILC 34, 35
- TENEX pathname component FILE 46
- TENEX pathnames FILE 46
- terminal** PRIM 103
- Terminal ZMACS 30
- terminal NETIO 75
- terminal codes RN 114
- Terminal Equipment NETIO 23
- terminal input STR 45
- terminal interactions in file MISCF 15
- TERMINAL key 3600 5
- Terminal program RN 1
- terminal program (SELECT T) RN 114
- Terminal Program SELECT T LMS 35
- terminal-f-argument** attribute PROT 18
- terminal-f-argument** attribute PROT 5
- terminal-f-argument** attribute PROT 19
- terminal-f-argument** attribute PROT 18
- terminal-f-argument** attribute PROT 19
- terminal-f-argument:** site object attribute PROT 18

- terminal-io variable TOOLS 14, 103, WINDOC 2, STR 18, INT 6
- terminals NETIO 23
- Terminating Equipment NETIO 23
- termination FLOW 42, 44
- Terminology SIG 2
- terpri** function PRIM 115
- :terpri** option for **format:tab** STR 40
- Test command NETIO 7
- Testing for even number PRIM 64
- Testing for negative number PRIM 64
- Testing for odd number PRIM 64
- Testing for positive number PRIM 64
- Testing for sign of a number PRIM 65
- Testing for zero PRIM 64
- Testing Message Characteristics ZMAILC 8
- Tests FLOW 45
- Text ZMACS 112
- Text ZMACS 61
- Text ZMACS 25, 66
- Text ZMACS 20
- text TOOLS 55
- text ZMACS 80
- text WINDEX 48
- text TOOLS 54
- text INED 7
- text ZMACS 33
- text TOOLS 55
- Text (m-X) Zmail command ZMAILT 11
- Text (m-X) Zmail command ZMAILT 11
- Text field in Zmail messages ZMAILC 3
- text files STR 71
- text from register into buffer ZMACS 78
- text intermingled MENUS 81
- Text mode ZMACS 18, 144
- TEXT pathname type abbreviation FILE 44
- Text processing ARR 25
- text scroll pane WINDEX 75
- Text scroll window WINDEX 30
- text within field STR 25
- Text Zmail display column heading ZMAILT 3
- text-scroll-window** flavor WINDEX 31
- text-scroll-window-empty-gray-hack** flavor WINDEX 31
- Text] Editor menu item ZMAILT 42
- than t or nil need to be edited RN 129
- that can be concurrently allocated INT 59
- That Do Not Exist on the 3600 3600 3
- That Maclisp Must Compile COMP 23
- That Must Be Compiled on the 3600 and the LM-2 COMP 21
- That Operate on Locatives PRIM 85
- that read or write magnetic tape TAPE 1
- that return multiple values EVAL 25
- That Surround Code MAC 20
- That Use Magnetic Tape TAPE 1
- thereis** clause FLOW 45
- thereis** keyword FLOW 45
- thing mouse click ZMACS 49
- Things Into Gray FED 15
- third** function PRIM 20
- this connection NETIO 77
- this connection NETIO 77
- This Document WINDEX 2, MENUS 1
- This Document COND 2
- This Document WINDOC 1
- This Indentation ZMACS 152
- This Manual ZMAILT 15
- Data
- Data Circuit
- Loop
- Release 5.0
- Aggregated Boolean
- Appending, Prepending, and Inserting
- Deleting and Transposing
- Erasing
- Inserting
- Killing
- Marking
- Mouse-sensitive
- Moving
- Replace yanked
- Restoring
- Yanking
- Decrypt
- Encrypt
- Loading
- Insert
- Graphical objects and
- Mouse-sensitive
- Justify
- Subject or
- tv:**
- tv:**
- [Add More
- Babyl files with **summary-window-format** other
- Disk event tasks
- LM-2 Keys
- Files
- Files
- Functions
- Streams
- Functions
- Macros
- Writing Programs
- M:Mark
- Getting
- R WIN window size for incoming half of
- WIN T window size for outgoing half of
- About
- Overview of
- Purpose of
- Format of the Rest of

Organization of this manual ZMACS 2
 Throw FLOW 25
***throw** COND 4
 New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
***throw** function FLOW 28
 New special forms **catch** and **throw** replace ***catch** and ***throw** RN 14
throw special form RN 15, 3600 28, FLOW 26
 Throw tag error COND 57
sys: **throw-tag-not-seen** flavor COND 57
 Throwing INT 1
 QFILE TID PROT 85
 TID QFILE token PROT 93
 Output a tilde STR 25
 Tilde (˘) character in format control strings STR 25
 Time NETIO 65
 Date and time NETIO 3
 Estimating Run Time INT 52
 Getting and Setting the Time MISCUI 2
 Propagation delay time NETIO 38
 Universal Time MISCUI 1
format time and date directives STR 25
 Set sleep time between updates Peek command MISCUI 3
 Time Conversions MISCUI 6
 Time formats MISCUI 1, 3, 4
time function MISCUI 2
 Elapsed Time in 60ths of a Second MISCUI 2
 Elapsed Time in Microseconds MISCUI 3
 Time Intervals MISCUI 1
 Reading and Printing Time Intervals MISCUI 5
 Run time of arithmetic operations INT 52
 Run time of array accessing INT 52
 Run time of bignum arithmetic INT 52
 Time of day MISCUI 1
 Run time of fixnum arithmetic INT 52
 Run time of flonum arithmetic INT 52
 TIME protocol NETIO 58, 65
 Arpanet Time protocol NETIO 65
 Chaosnet RFC/ANS time protocol PROT 48
time Service PROT 61
 Time zone MISCUI 1
time-difference function MISCUI 2
time-increment function MISCUI 2
:time-interval-or-never option for **prompt-and-read** RN 85, MISCUI 13
:time-interval-or-never variable type MENUS 59
time-lessp function MISCUI 2
 Time-slot counter NETIO 38
time:*timezone* variable MISCUI 7
time:day-of-the-week-string function MISCUI 7
time:daylight-savings-p function MISCUI 7
time:daylight-savings-time-p function MISCUI 7
time:decode-universal-time function MISCUI 6
time:encode-universal-time function MISCUI 6
time:fixnum-microsecond-time function MISCUI 3
time:get-time function MISCUI 2
time:get-universal-time function MISCUI 2
time:initialize-timebase function MISCUI 7
time:leap-year-p function MISCUI 7
time:microsecond-time function MISCUI 3
time:month-length function MISCUI 7
time:month-string function MISCUI 8
time:parse function MISCUI 5
time:parse-interval-or-never function MISCUI 6
time:parse-universal-time function MISCUI 5
time:print-brief-universal-time function MISCUI 4
time:print-current-date function MISCUI 3
time:print-current-time function MISCUI 3

- time:print-date function MISCUI 4
 - time:print-interval-or-never function MISCUI 6
 - time:print-time function MISCUI 3
 - time:print-universal-date function MISCUI 4
 - time:print-universal-time function MISCUI 3
 - time:read-interval-or-never function MISCUI 6
 - time:set-local-time function MISCUI 2
 - time:timezone-string function MISCUI 8
 - time:verify-date function MISCUI 7
- Set the RFC Interval
 - Timer NETIO 109
 - Timer Interrupt Enable bit NETIO 70
- Dates and Printing Dates and Reading Dates and
 - Times MISCUI 1
 - Times MISCUI 3
 - Times MISCUI 4
 - *times function 3600 27, PRIM 74
 - times function PRIM 69
 - :times option for defstruct DEFS 7
 - :times symbol DEFS 15
 - Timestamp PROT 23, 32
 - timestamp indicator PROT 32
 - Timestamp Protocol PROT 34
 - *timezone* variable MISCUI 7
 - timezone-string function MISCUI 8
 - timezone: site object attribute PROT 17
- Namespace
 - time:
 - time:
- Append
 - To Buffer ZMACS 112
 - To field ZMAILT 8, 13, 35, 37, 41
- Add In Reply
 - [Add In Reply] Headers Editor menu item ZMAILT 41
 - [Add In Reply] Headers Editor menu item ZMAILT 41
- Append
 - To File (m-X) Zmacs command ZMACS 112
 - To File (m-X) Zmacs command ZMACS 112
 - To Indentation ZMACS 151
 - To Previous Point (c-m-SPACE) TOOLS 55
 - To Previous Point) TOOLS 55
 - To Referenced Msg (m-X) Zmail command ZMAILC 21
 - To reply mode ZMAILT 35
 - To Saved Position (c-X J) TOOLS 55
 - To Saved Position) TOOLS 55
 - To Screen Edge ZMACS 48
 - To Specified Line ZMACS 48
 - To Zmail display column heading ZMAILT 3
- Back
 - To Cc reply mode ZMAILT 35
 - To: prompt ZMAILT 8
- Move
 - Toggle ZMACS 179
- c-m-SPACE (Move)
 - Token PROT 2, 21, 26
- Append
 - token PROT 93
 - token PROT 93
 - token PROT 93
 - token NETIO 38
 - token primitive type PROT 30
 - Token separators RN 17
- Jump
 - Tokens RN 19
- c-X J (Jump)
 - Tokens PROT 92
 - Tokens in the input stream PRIM 93
- Move
 - tone 3600 5
- Move
 - Tone Yet 3600 5
- From
 - too-few-arguments flavor COND 59
 - too-many-arguments flavor COND 59
- CMD QFILE
 - Tools for the 3600 RN 50
- FH QFILE
 - Top edge of menu MENUS 100
- TID QFILE
 - :top init option for tv:menu MENUS 100
 - :top init option for tv:sheet WINDOC 78
- Virtual
 - TOP key 3600 5
 - Top Level ZMACS 32
- New Rules for Reading Ambiguous QFILE
 - Top Level LMS 20
 - Top Level MISCF 7
- Audible
 -
- No Audible
 -
- sys:
 -
- sys:
 -
- New Metering
 -
- Abort At
 -
- Functions and Variables at Lisp
 -
- The Lisp
 -

- Top level functions and variables LMS 20
- tv:** **top-box-label-mixin** flavor WINDOC 86
- tv:** **top-label-mixin** flavor WINDOC 86
- Startup and Top-level Configuration ZMAILT 3
- Top-level display ZMAILT 3, 42
- Top-level expression ZMACS 55
- Point Motion Among Top-Level Expressions ZMACS 55
- Top-level interface ZMAILC 5
- Top-level loop MISC7 7
- Top-level yanking commands INED 3
- si:** ***top-level-transformations*** variable MAINT 21
- :top-margin-size** method of **tv:sheet** WINDEX 41
- Topic Indicators ZMAILC 25
- TOPS-20 RN 34, COND 64, ZMAILC 33, 34, FILE 54
- TOPS-20 and TENEX FILE 46
- TOPS-20 file servers STR 59
- TOPS-20 init file FILE 46
- DIBE TOPS-20 JSYS NETIO 81
- DOBE TOPS-20 JSYS NETIO 81
- SIBE TOPS-20 JSYS NETIO 81
- SINR TOPS-20 JSYS NETIO 81
- SOBE TOPS-20 JSYS NETIO 81
- SOUTR TOPS-20 JSYS NETIO 81
- Directory TOPS-20 pathname component FILE 46
- Version TOPS-20 pathname component FILE 46
- Center-dot character in TOPS-20 pathname display FILE 46
- Circle-x (⊗) character in TOPS-20 pathnames FILE 46
- TOPS-20 pathnames FILE 46
- TOPS-20/TENEX Chaosnet utility programs NETIO 83
- .CSCLS TOPS-20/TENEX connection state NETIO 81
- .CSINC TOPS-20/TENEX connection state NETIO 81
- .CSLOS TOPS-20/TENEX connection state NETIO 81
- .CSLSN TOPS-20/TENEX connection state NETIO 81
- .CSOPN TOPS-20/TENEX connection state NETIO 81
- .CSPRF TOPS-20/TENEX connection state NETIO 81
- .CSRFC TOPS-20/TENEX connection state NETIO 81
- .CSRFS TOPS-20/TENEX connection state NETIO 81
- TOPS-20/TENEX connection states NETIO 81
- TOPS-20/TENEX filenames NETIO 80
- The Tops-20/TENEX Implementation NETIO 79
- Tops-20/TENEX Implementation Packet Input and Output NETIO 81
- Tops-20/TENEX Implementation Server Programs NETIO 83
- Tops-20/TENEX Implementation Stream Input and Output NETIO 81
- Tops-20/TENEX Implementation Utility Programs NETIO 83
- fonts:** **tr10l** font WINDOC 54
- fonts:** **tr8** font WINDOC 54
- :arg** option to **trace** TOOLS 89, DEBUG 20
- :argpdl** option to **trace** TOOLS 89, DEBUG 20
- :both** option to **trace** TOOLS 89, DEBUG 20
- :break** option to **trace** TOOLS 89, 93, DEBUG 20
- :cond** option to **trace** TOOLS 89, DEBUG 20
- :entry** option to **trace** TOOLS 89, DEBUG 20
- :entrycond** option to **trace** TOOLS 89, DEBUG 20
- :entryprint** option to **trace** TOOLS 89, DEBUG 20
- :error** option to **trace** TOOLS 89, 93, DEBUG 20
- :exit** option to **trace** TOOLS 89, DEBUG 20
- :exitbreak** option to **trace** TOOLS 89, 93, DEBUG 20
- :exitcond** option to **trace** TOOLS 89, DEBUG 20
- :exitprint** option to **trace** TOOLS 89, DEBUG 20
- :nil** option to **trace** TOOLS 89
- :print** option to **trace** TOOLS 89, DEBUG 20
- :step** option to **trace** TOOLS 89, 91, DEBUG 20

- :value** option to
- :wherein** option to
- Options to
- Controlling the Format of
 - New format for
- Real-time
- Trim leading and
 - RFC/ANS
 - Simple
 - QFILE
- ANS Answer to a simple
 - Cable
 - The
- QFILE File
- Chaosnet File
- Ending the
- Buffering disk
 - Disk
- Grouping related disk
- Minimum disk latency for
- Synchronizing disk
- Overlapping disk
 - :compile**
 - :compile-load**
 - :compile-load-init**
 - :do-components**
 - :fasload**
 - :readfile**
- Configuration and Drawing
 - Compile-like
 - Complex
 - Improvements to **make-system: error-restart**, selective transformations RN 94
 - Load-like
 - More Esoteric
 - User-defined
- neti:
 - translate-hosts.text-file** function PROT 25
 - :translate-wild-pathname** method of **fs:pathname** FILE 40
 - :translated-pathname** method of **fs:logical-pathname** FILE 53
- trace** TOOLS 89, DEBUG 20
- trace** TOOLS 89, DEBUG 20
- trace** DEBUG 20
- Trace (m-X) TOOLS 87, 91
- Trace (m-X) Zmacs command ZMACS 38
- trace** output DEBUG 23
- trace** Output DEBUG 23
- trace** output RN 96
- trace** special form RN 96, FUNC 7, TOOLS 88, 91, 93, DEBUG 19
- sl: ***trace-bar-p*** variable RN 97, DEBUG 23
- sl: ***trace-bar-rate*** variable RN 97, DEBUG 23
- sl: ***trace-columns-per-level*** variable RN 97, DEBUG 23
- trace-compile-flag** variable DEBUG 23
- trace-conditions** variable COND 43
- sl: ***trace-old-style*** variable RN 97, DEBUG 23
- trace-output** variable STR 18
- [Trace] menu item TOOLS 87, 91
- Tracing TOOLS 86
- Tracing Conditions COND 43
- Tracing Function Execution DEBUG 19
- tracking of the mouse 3600 1
- Tracking the mouse WINDOC 67, 72
- Trailing decimal point PRIM 90
- trailing white space RN 62, PRIM 111
- transaction PROT 34
- transaction NETIO 53
- transaction identifier PROT 85
- transaction packet NETIO 53
- transceiver NETIO 34
- Transceiver NETIO 35
- Transcendental Functions PRIM 74
- Transfer of Control FLOW 13
- Transfer Philosophy PROT 86
- Transfer Protocol PROT 85
- Transfer with QFILE PROT 87
- Transferring Data with QFILE PROT 87
- Transferring Fonts Between Machines FED 28
- transfers INT 57
- Transfers INT 61
- transfers INT 62
- transfers INT 76
- transfers INT 58
- transfers with computation INT 76
- transformation MAINT 7
- transformation MAINT 7
- transformation MAINT 7
- transformation MAINT 7
- transformation MAINT 7
- transformation MAINT 7
- transformation MAINT 7
- Transformation FED 29
- Transformations MAINT 7
- transformations MAINT 23
- transformations MAINT 23
- transformations MAINT 23
- transformations MAINT 21, 23
- Transformations: Font Editor FED 19
- Translate relative file block number into disk address INT 72

- Logical Pathname
- Reversible wild pathname
- Wild pathname
- Cross-host
- Disable all character set
- Character Set
- QFILE NORMAL character set
- QFILE RAW character set
- QFILE SUPER-IMAGE character set
- New Default LMFS
- Changes to Logical Pathname
- Physical pathname
- Packet
- Incomplete
- Start
- Window size in the
- Available space in
- Number of packet slots available in
- si:**
- Serial I/O format of
- Clear
- [Edit Link
- sys:**
- math:**
- Deleting and
- Deleting and
- Deleting and
- Deleting and
- Deleting and
- Inexact-result
- sys:**
- Enabling and disabling of floating-point
- Disable special
- Binary
- Degrees in
- Radians in
- Translating logical hosts to physical hosts FILE 49
- Translating pathname type field FILE 17
- Translation FILE 50
- translation RN 35, FILE 50
- translation RN 35, FILE 50
- translation functions FILE 12
- translation in ASCII files STR 59
- Translation in QFILE PROT 88
- translation mode PROT 88
- translation mode PROT 90
- translation mode PROT 90
- Translation Table for Sys Hosts RN 119
- Translations RN 35
- translations RN 35
- Transmission PROT 77
- Transmission connection state NETIO 60, 87
- Transmission Control Protocol NETIO 68, PROT 42
- Transmission register NETIO 70
- Transmission voltage NETIO 35
- Transmit Abort bit NETIO 70
- transmit direction NETIO 95
- Transmit Done bit NETIO 70
- Transmit Interrupt Enable bit NETIO 70
- Transmit list PROT 68
- transmit window NETIO 81
- transmit window NETIO 95
- Transmit window size NETIO 75, 81
- transmit-band** function SIG 31, SITE 26
- :transmit-packet** message PROT 72
- transmitted characters parameters NETIO 27
- Transmitter bit NETIO 70
- Transmitting inter-user messages NETIO 64
- Transmitting interactive messages NETIO 65
- Transparencies] File System Editor menu item FSED 1
- %transporter-run-time** meter RN 52, INT 30
- Transpose two surrounding addresses ZMAILT 47
- transpose-matrix** function ARR 19
- Transposing Characters ZMACS 66
- Transposing Lines ZMACS 71
- Transposing Lisp Expressions ZMACS 69
- Transposing Text ZMACS 61
- Transposing Words ZMACS 68
- trap COND 55
- Trap on exit bit COND 43
- :trap-enable** option for **make-process** PROC 11
- :trap-enable** option for **make-stack-group** INT 5
- %trap-micro-pc** variable INT 27
- traps COND 55
- treatment of Rubout in ASCII files STR 59
- Tree PRIM 11
- [Tree edit any] File System Maintenance menu item FSED 1, SITE 1
- [Tree edit Homedir] File System Maintenance menu item FSED 1, SITE 1
- [Tree edit root] File System Maintenance menu item FSED 1, SITE 1
- Tree of flavors FLAV 19
- tree structure type DEFS 7
- :tree** symbol in **:type** option to **defstruct** DEFS 7
- Trees as hash table keys PRIM 42
- Triangle character 3600 7
- TRIANGLE key 3600 5
- Trigonometric functions PRIM 74, 75
- trigonometric functions PRIM 74, 75
- trigonometric functions PRIM 74, 75
- Trim leading and trailing white space RN 62, PRIM

- Getting Out of
 - Triple PROT 2, 26
 - triple** primitive type PROT 30
 - Trouble ZMACS 32
 - Troubleshooting NETIO 30
 - Troubleshooting NETIO 30
 - true** function EVAL 22
 - True name of file STR 70
 - :truename** FEP file property INT 74
 - truename** function FILE 55
 - :truename** message STR 76
- MacIisp
 - tv:** **truncatable-lines-mixin** flavor RN 102, WINDOC 32
 - New flavors: **tv:** **truncatable-lines-mixin,**
 - tv:truncating-lines-mixin** RN 102
 - :truncate** value of **open** option for **:if-exists** RN 25, STR 63
 - :truncate-line-out** method of **tv:sheet** RN 102, WINDOC 32
 - Truncating lines RN 102, WINDOC 23, 32, 34
 - truncating-lines-mixin** RN 102
 - truncating-lines-mixin** flavor RN 102, WINDOC 23, 32
 - tv:** **truncating-window** flavor RN 102, WINDOC 32
 - :trusted-p** option for server PROT 81
 - Truth table for the Boolean operations PRIM 76
 - Tty-mode Connections NETIO 99
 - tv:** **turn-off-sheet-blinkers** function WINDOC 66
 - Turning off Converse notification CONV 4
 - Turning on Converse notification CONV 4
 - Tutorial ZMAILT 3
 - Zmail
 - Adding Bug Lists to Zmail: Zmail
 - Command Menu: Zmail
 - Encryption Available: Zmail
 - Fonts in Messages: Zmail
 - Introduction: Zmail
 - Tutorial and Reference Manual ZMAILT 33
 - Tutorial and Reference Manual ZMAILT 6
 - Tutorial and Reference Manual ZMAILT 11
 - Tutorial and Reference Manual ZMAILT 11
 - Tutorial and Reference Manual ZMAILT 1
 - TV frames per clock sequence break meter INT 30
 - tv** package PKG 49
 - sys:** **%tv-clock-counter** meter RN 52, INT 30
 - sys:** **%tv-clock-rate** meter INT 30
 - :tv-fonts** HARD 10
 - tv:**constraint-node**** variable WINDOC 93
 - tv:**constraint-remaining-height**** variable WINDOC 93
 - tv:**constraint-remaining-width**** variable WINDOC 93
 - tv:**constraint-stacking**** variable WINDOC 93
 - tv:**constraint-total-height**** variable WINDOC 93
 - tv:**constraint-total-width**** variable WINDOC 93
 - tv:*escape-keys*** variable WINDOC 52
 - tv:*mouse-incrementing-keystates*** variable RN 103, WINDOC 76
 - New variable: **tv:*mouse-modifying-keystates*** RN 102
 - tv:*mouse-modifying-keystates*** variable RN 103, WINDOC 76
 - tv:*system-keys*** variable WINDOC 53
 - tv:abstract-dynamic-item-list-mixin** flavor MENUS 35
 - tv:add-escape-key** function WINDOC 53
 - tv:add-system-key** function WINDOC 54, WINDEX 75, 76
 - Previously undocumented functions: **tv:add-to-system-menu-programs-column,**
 - tv:add-to-system-menu-create-menu** RN 103
 - tv:add-to-system-menu-create-menu** function RN 104, MENUS 39
 - tv:add-to-system-menu-programs-column** function RN 104, WINDEX 75, 77, MENUS 39
 - Previously undocumented functions: **tv:add-to-system-menu-programs-column,**
 - tv:add-to-system-menu-create-menu** RN 103
 - tv:add-typeout-item-type** special form WINDEX 6,

- :any-tyl** method for Flavors
- :decode-variable-type** message
 - :function** init option for
 - :name-font** init option for
 - :selected-choice-font** init option for
 - :stack-group** init option for
 - :string-font** init option for
 - :unselected-choice-font** init option for
 - :value-font** init option for
 - :variables** init option for
- :configuration** init option for
 - :configuration** method of
 - :constraints** init option for
 - :get-pane** method of
 - :pane-name** method of
 - :panes** init option for
 - :selected-pane** init option for
 - :send-all-exposed-panes** method of
 - :send-all-panes** method of
 - :send-pane** method of
 - :set-configuration** method of
- :select-pane** method of
 - :item** message
 - :item** method of
 - :item-list** message
 - :item-type-allst** init option for
- :primitive-item** message
- :primitive-item** method of
 - :redisplay** method of
 - :set-display-item** method of
- :deselected-visibility** init option for
 - :deselected-visibility** method of
 - :follow-p** init option for
 - :half-period** init option for
 - :half-period** method of
 - :read-cursorpos** method of
 - :set-cursorpos** method of
 - :set-deselected-visibility** method of
- 8, MENUS 84
- tv:alu-and** variable WINDOC 34
- tv:alu-andca** variable WINDOC 34
- tv:alu-lor** variable WINDOC 34
- tv:alu-seta** variable WINDOC 34
- tv:alu-xor** variable WINDOC 34, 39
- tv:any-tyl-mixin** TOOLS 121
- tv:any-tyl-mixin** and **tv:llst-tyl-mixin** obsolete RN 40
- tv:any-tyl-mixin** flavor RN 40, TOOLS 120, TOOLS 120
- tv:any-tyl-mixin** methods TOOLS
- tv:autoexposing-more-mixin** flavor WINDOC 33
- tv:basic-choose-variable-values** MENUS 69
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** MENUS 74
- tv:basic-choose-variable-values** flavor MENUS 72
- tv:basic-choose-variable-values** Init-plist Options MENUS 73
- tv:basic-constraint-frame** WINDOC 100
- tv:basic-constraint-frame** WINDOC 100
- tv:basic-constraint-frame** WINDOC 90, 93
- tv:basic-constraint-frame** WINDOC 99
- tv:basic-constraint-frame** WINDOC 99
- tv:basic-constraint-frame** WINDOC 90, 93
- tv:basic-constraint-frame** WINDEX 76
- tv:basic-constraint-frame** WINDOC 100
- tv:basic-constraint-frame** WINDOC 100
- tv:basic-constraint-frame** WINDOC 99
- tv:basic-constraint-frame** WINDOC 100
- tv:basic-constraint-frame** flavor WINDOC 87
- tv:basic-frame** WINDEX 76
- tv:basic-menu** flavor MENUS 20
- tv:basic-momentary-menu** flavor MENUS 20
- tv:basic-mouse-sensitive-items** MENUS 85
- tv:basic-mouse-sensitive-items** WINDEX 8
- tv:basic-mouse-sensitive-items** MENUS 85
- tv:basic-mouse-sensitive-items** WINDEX 6, 8, MENUS 85
- tv:basic-mouse-sensitive-items** MENUS 85
- tv:basic-mouse-sensitive-items** WINDEX 8
- tv:basic-mouse-sensitive-items** Example MENUS 86
- tv:basic-mouse-sensitive-items** flavor WINDEX 6, 8, MENUS 82
- tv:basic-mouse-sensitive-items** Init-plist Options MENUS 85
- tv:basic-mouse-sensitive-items** Messages MENUS 85
- tv:basic-multiple-choice** flavor MENUS 54
- tv:basic-scroll-bar** flavor WINDEX 76, 78
- tv:basic-scroll-window** SCROLL 3
- tv:basic-scroll-window** SCROLL 3
- tv:basic-scroll-window** flavor SCROLL 3
- tv:blinker** WINDOC 65
- tv:blinker** WINDOC 66
- tv:blinker** WINDOC 65
- tv:blinker** WINDOC 66
- tv:blinker** WINDOC 66
- tv:blinker** WINDOC 66
- tv:blinker** WINDOC 65
- tv:blinker** WINDOC 65, WINDEX 19
- tv:blinker** WINDOC 66

- :set-follow-p** method of
- :set-half-period** method of
- :set-sheet** method of
- :set-visibility** method of
- :visibility** init option for
- :x-pos** init option for
- :y-pos** init option for

- :border-margin-width** init option for
- :border-margin-width** method of
- :borders** init option for
- :set-border-margin-width** method of
- :set-borders** method of

- :set-name** method of

- :char** init option for
- :font** init option for
- :set-character** method of

- :extra-width** init option for
- :function** init option for
- :function** option to
- :label** init option for
- :margin-choices** init option for
- :near-mode** init option for
- :superior** init option for
- :width** init option for

- Elements of the

- :adjust-geometry-for-new-variables** message
- :appropriate-width** message
- :io-buffer** init option for
- :margin-choices** init option for
- :redisplay-variable** message
- :set-variables** message
- :setup** message

- New variable:

- :io-buffer** init option for
- :io-buffer** message
- :set-io-buffer** message

- tv:blinker** WINDOC 65
- tv:blinker** WINDOC 66
- tv:blinker** WINDOC 66
- tv:blinker** WINDOC 65, WINDEX 19
- tv:blinker** WINDOC 65
- tv:blinker** WINDOC 65
- tv:blinker** WINDOC 65
- tv:bordered-constraint-frame** flavor WINDOC 89
- tv:bordered-constraint-frame-with-shared-io-buffer** flavor WINDOC 90, WINDEX 31
- tv:borders-mixin** WINDOC 85
- tv:borders-mixin** WINDOC 85
- tv:borders-mixin** WINDOC 83
- tv:borders-mixin** WINDOC 85
- tv:borders-mixin** WINDOC 84
- tv:borders-mixin** flavor WINDOC 83, WINDEX 6
- tv:box-blinker** flavor WINDOC 67
- tv:changeable-name-mixin** WINDOC 86
- tv:changeable-name-mixin** flavor WINDOC 86
- tv:character-blinker** WINDOC 67
- tv:character-blinker** WINDOC 67
- tv:character-blinker** WINDOC 67
- tv:character-blinker** flavor WINDOC 67
- tv:choose-variable-values** MENUS 62
- tv:choose-variable-values** MENUS 62
- tv:choose-variable-values** TOOLS 124
- tv:choose-variable-values** MENUS 62
- tv:choose-variable-values** MENUS 63
- tv:choose-variable-values** MENUS 62
- tv:choose-variable-values** MENUS 63
- tv:choose-variable-values** MENUS 62
- tv:choose-variable-values** Examples MENUS 63
- tv:choose-variable-values** function TOOLS 116, 124, TOOLS 116, 124, MENUS 62
- tv:choose-variable-values** Options MENUS 62
- tv:choose-variable-values** options TOOLS
- tv:choose-variable-values** Type Definition Example MENUS 71
- tv:choose-variable-values-keyword** property MENUS 69
- tv:choose-variable-values-keyword** Property MENUS 70
- tv:choose-variable-values-pane** flavor MENUS 72
- tv:choose-variable-values-process-message** function MENUS 73
- tv:choose-variable-values-window** MENUS 75
- tv:choose-variable-values-window** MENUS 75
- tv:choose-variable-values-window** MENUS 75
- tv:choose-variable-values-window** MENUS 74
- tv:choose-variable-values-window** MENUS 76
- tv:choose-variable-values-window** MENUS 75
- tv:choose-variable-values-window** MENUS 75
- tv:choose-variable-values-window** Example MENUS 77
- tv:choose-variable-values-window** flavor MENUS 72
- tv:choose-variable-values-window** Messages MENUS 75
- tv:cold-load-stream-old-selected-window** RN 74
- tv:cold-load-stream-old-selected-window** variable RN 74, WINDOC 17
- tv:column-spec-list** variable MENUS 36
- tv:command-menu** MENUS 31
- tv:command-menu** MENUS 31
- tv:command-menu** MENUS 31
- tv:command-menu** Example MENUS 31
- tv:command-menu** flavor MENUS 31, 95
- tv:command-menu** Init-plist Options MENUS 31

- :io-buffer** init option for
- :delayed-set-label** method of
- :update-label** method of
- :update-item-list** message
- :item-list-pointer** init option for
- :column-spec-list** init option for
- :create** option for
- :locally** option for
- :new** option for
- :property-list** option for
- :wait** option for
- :handle-mouse** method of
- :mouse-buttons** method of
- :mouse-click** method of
- :mouse-moves** method of
- Changes to **:mouse-click** method of
- :center-around** method of
- :expose-near** method of
- :set-edges** method of
- :set-inside-size** method of
- :set-position** method of
- :set-size** method of
- :activate-p** init option for
- :edges-from** init option for
- :expose-p** init option for
- :minimum-height** init option for
- :minimum-width** init option for
- :timeout-window** init option for
- :draw-circle** method of
- :draw-circular-arc** method of
- :draw-closed-curve** method of
- :draw-cubic-spline** method of
- :draw-curve** method of
- :draw-dashed-line** method of
- :draw-filled-in-circle** method of
- :draw-filled-in-sector** method of
- :draw-line** method for
- tv:command-menu** Messages MENUS 31
- tv:command-menu-abort-on-deexpose-mixin** flavor MENUS 30
- tv:command-menu-mixin** flavor MENUS 30, 95
- tv:command-menu-pane** flavor MENUS 31
- tv:constraint-frame** flavor WINDOC 89
- tv:constraint-frame-with-shared-io-buffer** WINDOC 90
- tv:constraint-frame-with-shared-io-buffer** flavor WINDOC 90
- tv:defaulted-multiple-menu-choose** function MENUS 48
- tv:delayed-redisplay-label-mixin** WINDOC 87
- tv:delayed-redisplay-label-mixin** WINDOC 87
- tv:delayed-redisplay-label-mixin** flavor WINDOC 87
- tv:delaying-screen-management** special form WINDOC 13, 16
- tv:dynamic-...-menu** MENUS 37
- tv:dynamic-...-menu** MENUS 37
- tv:dynamic-item-list-mixin** flavor MENUS 35
- tv:dynamic-momentary-menu** flavor MENUS 36
- tv:dynamic-momentary-window-hacking-menu** flavor MENUS 36
- tv:dynamic-multicolumn-mixin** MENUS 37
- tv:dynamic-multicolumn-mixin** flavor MENUS 36
- tv:dynamic-pop-up-abort-on-deexpose-command-menu** flavor MENUS 36
- tv:dynamic-pop-up-command-menu** flavor MENUS 36
- tv:dynamic-pop-up-menu** flavor MENUS 36
- tv:dynamic-pop-up-menu** flavor MENUS 36
- tv:edit-namespace-object** SIG 2
- tv:edit-namespace-object** PROT 19
- tv:edit-namespace-object** PROT 19
- tv:edit-namespace-object** PROT 19
- tv:edit-namespace-object** PROT 19
- tv:edit-namespace-object** PROT 19
- tv:edit-namespace-object** PROT 19
- tv:edit-namespace-object** function RN 107, PROT 19
- tv:essential-mouse** WINDEX 16, 18
- tv:essential-mouse** WINDEX 17
- tv:essential-mouse** RN 42, WINDOC 69, WINDEX 17, 18
- tv:essential-mouse** WINDEX 16, 18
- tv:essential-mouse** RN 42
- tv:essential-mouse** flavor WINDEX 16
- tv:essential-set-edges** WINDOC 82
- tv:essential-set-edges** WINDOC 82
- tv:essential-set-edges** WINDOC 81
- tv:essential-set-edges** WINDOC 80
- tv:essential-set-edges** WINDOC 81
- tv:essential-set-edges** WINDOC 80
- tv:essential-window** WINDOC 23
- tv:essential-window** WINDOC 79
- tv:essential-window** WINDOC 23
- tv:essential-window** WINDOC 79
- tv:essential-window** WINDOC 79
- tv:essential-window-with-typeout-mixin** WINDEX 77
- tv:flashy-scrolling-mixin** flavor WINDEX 76, 78
- tv:graphics-mixin** RN 99, WINDOC 39
- tv:graphics-mixin** WINDOC 39
- tv:graphics-mixin** WINDOC 38
- tv:graphics-mixin** WINDOC 39
- tv:graphics-mixin** WINDOC 38
- tv:graphics-mixin** WINDOC 38
- tv:graphics-mixin** WINDOC 36
- tv:graphics-mixin** RN 99, WINDOC 39
- tv:graphics-mixin** WINDOC 39
- tv:graphics-mixin** TOOLS 14, 108

- :draw-line** method of
- :draw-lines** method of
- :draw-point** method of
- :draw-regular-polygon** method of
- :draw-string** method of
- :draw-triangle** method of
- :draw-wide-curve** method of
- :point** method of

- :hysteresis** init option for
- :hysteresis** method of
- :set-hysteresis** method of

- :height** init option for

- Flavors **tv:list-mouse-buttons-mixin** and

- :label** init option for
- :label-size** method of
- :set-label** method of

- Flavors

- Flavors **tv:any-tyl-mixin** and

- :margin-choices** init option for
- :set-margin-choices** message

- The

- :set-space** method of
- :space** init option for
- :space** method of
- New flavor:

- :activate-p** init option for
- :borders** init option for
- :bottom** init option for
- :character-height** init option for
- :character-width** init option for
- :choose** message

- tv:graphics-mixin** WINDOC 36
- tv:graphics-mixin** WINDOC 36
- tv:graphics-mixin** WINDOC 35
- tv:graphics-mixin** WINDOC 39
- tv:graphics-mixin** WINDOC 37
- tv:graphics-mixin** WINDOC 38
- tv:graphics-mixin** WINDOC 38
- tv:graphics-mixin** WINDOC 35
- tv:graphics-mixin** flavor TOOLS 108, TOOLS 108, WINDOC 33
- tv:graphics-mixin** methods TOOLS
- tv:hollow-rectangular-blinker** flavor WINDOC 66, WINDEX 18
- tv:hysteretic-window-mixin** WINDOC 73
- tv:hysteretic-window-mixin** WINDOC 73
- tv:hysteretic-window-mixin** WINDOC 73
- tv:hysteretic-window-mixin** flavor WINDOC 73
- tv:ibeam-blinker** WINDOC 67
- tv:ibeam-blinker** flavor WINDOC 67
- tv:io-buffer-output-function** function WINDOC 41, 52
- tv:item-llst-pointer** variable MENUS 35
- tv:item-type-alist** instance-variable MENUS 82
- tv:kbd-default-output-function** function WINDOC 41, 52
- tv:kbd-intercept-character** function WINDOC 41
- tv:kbd-intercepted-characters** variable WINDOC 41
- tv:kbd-mouse-buttons-mixin** flavor RN 42
- tv:kbd-mouse-buttons-mixin** obsolete RN 42
- tv:kbd-tyl-hook** variable WINDOC 41, 52
- tv:key-state** function WINDOC 41, 75
- tv:key-test** function WINDOC 76
- tv:label-mixin** WINDOC 85
- tv:label-mixin** WINDOC 86
- tv:label-mixin** WINDOC 86
- tv:label-mixin** flavor WINDOC 85, WINDEX 6
- tv:line-truncating-mixin** flavor WINDOC 32
- tv:lisp-listener** flavor WINDOC 21
- tv:list-mouse-buttons-mixin** and **tv:kbd-mouse-buttons-mixin** obsolete RN 42
- tv:list-mouse-buttons-mixin** flavor RN 42, TOOLS 120, TOOLS 120
- tv:llst-tyl-mixin** flavor RN 40
- tv:llst-tyl-mixin** obsolete RN 40
- tv:make-blinker** function TOOLS 129, TOOLS 129, WINDOC 64
- tv:make-sheet-bit-array** function WINDOC 41
- tv:make-window** function TOOLS 104, 114, 117, 120, WINDOC 23, SCROLL 3
- tv:margin-choice-mixin** MENUS 92
- tv:margin-choice-mixin** MENUS 92
- tv:margin-choice-mixin** Example MENUS 92
- tv:margin-choice-mixin** flavor MENUS 91
- tv:margin-choice-mixin** Flavor MENUS 91
- tv:margin-choice-mixin** Init-plist Option MENUS 92
- tv:margin-choice-mixin** Messages MENUS 92
- tv:margin-scroll-mixin** flavor WINDEX 76, 78
- tv:margin-space-mixin** RN 75
- tv:margin-space-mixin** RN 75
- tv:margin-space-mixin** RN 75
- tv:margin-space-mixin** RN 74
- tv:margin-space-mixin** flavor RN 75
- tv:menu** MENUS 97
- tv:menu** MENUS 22, 97
- tv:menu** MENUS 97
- tv:menu** MENUS 97
- tv:menu** MENUS 97
- tv:menu** MENUS 23

- :columns** init option for **tv:menu** MENUS 14, 98
- :current-geometry** message **tv:menu** MENUS 14
- :deactivate** message **tv:menu** MENUS 23, 101
- :deexpose** message **tv:menu** MENUS 101
- :default-font** init option for **tv:menu** MENUS 22, 98
- :edges** init option for **tv:menu** MENUS 98
- :edges-from** init option for **tv:menu** MENUS 98
- :execute** message **tv:menu** MENUS 23
- :expose** message **tv:menu** MENUS 101
- :expose-p** init option for **tv:menu** MENUS 98
- :fill-p** init option for **tv:menu** MENUS 14, 98
- :fill-p** message **tv:menu** MENUS 14
- :font-map** init option for **tv:menu** MENUS 22, 98
- :geometry** init option for **tv:menu** MENUS 14, 98
- :geometry** message **tv:menu** MENUS 14
- :height** init option for **tv:menu** MENUS 98
- :inside-height** init option for **tv:menu** MENUS 98
- :inside-size** init option for **tv:menu** MENUS 99
- :inside-width** init option for **tv:menu** MENUS 99
- :item-list** init option for **tv:menu** MENUS 22, 99
- :label** init option for **tv:menu** MENUS 22, 99
- :left** init option for **tv:menu** MENUS 99
- :minimum-height** init option for **tv:menu** MENUS 99
- :minimum-width** init option for **tv:menu** MENUS 99
- :name** init option for **tv:menu** MENUS 99
- :position** init option for **tv:menu** MENUS 99
- :refresh** message **tv:menu** MENUS 101
- :reverse-video-p** init option for **tv:menu** MENUS 99
- :right** init option for **tv:menu** MENUS 99
- :rows** init option for **tv:menu** MENUS 14, 100
- :screen** init option for **tv:menu** MENUS 100
- :set-default-font** message **tv:menu** MENUS 101
- :set-edges** message **tv:menu** MENUS 101
- :set-fill-p** message **tv:menu** MENUS 14
- :set-geometry** message **tv:menu** MENUS 14
- :set-item-list** message **tv:menu** MENUS 101
- :set-label** message **tv:menu** MENUS 102
- :top** init option for **tv:menu** MENUS 100
- :vsp** init option for **tv:menu** MENUS 22, 100
- :width** init option for **tv:menu** MENUS 100
- :x** init option for **tv:menu** MENUS 100
- :y** init option for **tv:menu** MENUS 100
- Init-plist Options for **tv:menu** MENUS 97
- Messages Accepted by **tv:menu** MENUS 101
- Useful **tv:menu** flavor MENUS 13, 21, 95, 97, 101
- Useful **tv:menu** Init-plist Options MENUS 22
- Useful **tv:menu** Messages MENUS 23
- tv:menu-choose** function RN 149, MENUS 12, 19
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** MENUS 42
- tv:menu-highlighting-mixin** MENUS 42
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** MENUS 43
- tv:menu-highlighting-mixin** flavor MENUS 41
- tv:minimum-window** TOOLS 108
- tv:minimum-window** TOOLS 108
- tv:minimum-window** TOOLS 108
- tv:minimum-window** TOOLS 109
- tv:minimum-window** TOOLS 108
- tv:minimum-window** TOOLS 108
- tv:minimum-window** flavor TOOLS 109, TOOLS 109, WINDOC 21
- tv:momentary-menu** Example 1: Simple Momentary Menu MENUS 23

tv:momentary-menu Example 2: Item List as Init-
plist Option MENUS 24
tv:momentary-menu Example 3: Centered Label
and Use of General List Items MENUS 24
tv:momentary-menu Example 4: Using the Mouse
Buttons MENUS 25
tv:momentary-menu flavor MENUS 21, 95
tv:momentary-menu resource MENUS 21
tv:momentary-multiple-menu Example MENUS 43
tv:momentary-multiple-menu flavor MENUS 42
tv:momentary-window-hacking-menu
flavor MENUS 21
tv:mouse-button-encode function WINDOC 71
tv:mouse-buttons function WINDOC 72
tv:mouse-double-click-time variable RN 103,
WINDOC 76
tv:mouse-input function WINDOC 72, WINDEX 78
tv:mouse-last-buttons variable WINDOC 71,
WINDEX 57, 59
tv:mouse-overseer function WINDEX 16
tv:mouse-sensitive-text-scroll-window
flavor WINDEX 30, 31
tv:mouse-set-blinker-cursors function WINDEX
18
tv:mouse-sheet variable WINDEX 59
New optional argument to **tv:mouse-wait** RN 101
tv:mouse-wait function RN 101, WINDOC 71,
WINDEX 59
tv:mouse-wakeup function WINDEX 19
tv:mouse-x variable WINDOC 71, WINDEX 59
tv:mouse-y variable WINDOC 71, WINDEX 59
The **tv:mouse-y-or-n-p** Facility MENUS 20
tv:mouse-y-or-n-p function MENUS 20
:choose message
:setup message
tv:multiple-choice MENUS 55
tv:multiple-choice MENUS 55
tv:multiple-choice Example MENUS 55
tv:multiple-choice flavor MENUS 54
tv:multiple-choice Menu Messages MENUS 55
tv:multiple-choose function MENUS 52
tv:multiple-choose Menu Example MENUS 53
tv:multiple-menu flavor MENUS 42
tv:multiple-menu-choose Example MENUS 48
tv:multiple-menu-choose function MENUS 47
tv:multiple-menu-choose-menu Example MENUS
49
tv:multiple-menu-choose-menu flavor MENUS 49
tv:multiple-menu-choose-menu-mixin
flavor MENUS 48
:special-choices init option for **tv:multiple-menu-mixin** MENUS 42
tv:multiple-menu-mixin flavor MENUS 41
tv:multiple-menu-mixin init-plist Options MENUS
42
tv:multiple-menu-mixin Messages MENUS 42
tv:no-screen-managing-mixin flavor WINDOC 14
tv:pane-mixin flavor WINDOC 88
tv:pane-no-mouse-select-mixin flavor WINDEX 30,
31
tv:pop-up-menu Example MENUS 26
tv:pop-up-menu flavor MENUS 21
tv:pop-up-multiple-menu-choose-menu
flavor MENUS 49
tv:pop-up-multiple-menu-choose-resource
resource MENUS 48
Flavor **tv:preemptable-read-any-tyl-mixin** flavor RN 43
tv:preemptable-read-any-tyl-mixin obsolete RN 43
tv:prepare-sheet special form WINDEX 60
:process init option for **tv:process-mixin** WINDEX 7, 8
:process init option to **tv:process-mixin** TOOLS 120

- :set-size** method of
- :width** init option for

- New variable:

- :type-alist** init option for

- :backspace-not-overprinting-flag** init option for
- :baseline** method of
- :bitbit** method of
- :bitbit-from-sheet** method of
- :bitbit-within-sheet** method of
- :bottom** init option for
- :bottom-margin-size** method of
- :change-of-size-or-margins** method for
- :change-of-size-or-margins** method of
- :character-height** init option for
- :character-width** init option for
- :character-width** method of
- :clear-char** method of
- :clear-eof** method of
- :clear-eol** method of
- :clear-rest-of-line** method of
- :clear-rest-of-window** method of
- :clear-screen** method of
- :clear-window** method of
- :compute-motion** method of
- :cr-not-newline-flag** init option for
- :current-font** method of
- :deexposed-typein-action** init option for
- :deexposed-typein-action** method of
- :deexposed-typeout-action** init option for
- :deexposed-typeout-action** method of
- :delete-char** method of
- :delete-line** method of
- :delete-string** method of
- :edges** init option for
- :edges** method of
- :font-map** init option for
- :font-map** method of
- :height** init option for
- :home-cursor** method of
- :home-down** method of
- :init** method for
- :init** method of
- :insert-char** method of
- :insert-line** method of
- :insert-string** method of
- :inside-edges** method of
- tv:process-mixin** flavor TOOLS 120, TOOLS 120, WINDEX 7, 8
- tv:process-mixin** init options TOOLS
- tv:rectangular-blinker** WINDOC 66, WINDEX 19
- tv:rectangular-blinker** WINDOC 66
- tv:rectangular-blinker** flavor WINDOC 66
- tv:restored-bits-p** variable WINDEX 8
- tv:rh-typeout-default** RN 65
- tv:rh-typeout-default** variable RN 65, WINDOC 50
- tv:screen-manage-update-permitted-windows** variable WINDOC 17
- tv:scroll-item-leader-offset** variable SCROLL 11
- tv:scroll-maintain-list** function RN 105, SCROLL 13
- tv:scroll-maintain-list** init function can take arguments RN 105
- tv:scroll-mouse-mixin** SCROLL 9
- tv:scroll-mouse-mixin** flavor SCROLL 9
- tv:scroll-parse-item** function SCROLL 5, 9
- tv:scroll-window** flavor SCROLL 3
- tv:scroll-window-with-typeout** flavor SCROLL 3
- tv:select-or-create-window-of-flavor** function RN 104, WINDEX 77, MENUS 40
- tv:selected-window** variable WINDOC 17
- tv:set-default-font** function RN 149
- tv:set-default-font** not supported RN 149
- tv:set-default-window-size** function WINDOC 81
- tv:sheet** WINDOC 23, 31
- tv:sheet** WINDOC 57
- tv:sheet** WINDOC 35, WINDEX 59
- tv:sheet** WINDOC 35
- tv:sheet** WINDOC 35
- tv:sheet** WINDOC 78
- tv:sheet** WINDEX 41
- tv:sheet** TOOLS 111
- tv:sheet** WINDEX 8
- tv:sheet** WINDOC 79
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 29
- tv:sheet** WINDOC 28
- tv:sheet** RN 44
- tv:sheet** RN 44
- tv:sheet** RN 44, WINDOC 28
- tv:sheet** RN 44, WINDOC 28
- tv:sheet** RN 44
- tv:sheet** RN 44, WINDOC 28
- tv:sheet** WINDOC 29
- tv:sheet** WINDOC 23, 32
- tv:sheet** WINDOC 56
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 28
- tv:sheet** WINDOC 28
- tv:sheet** WINDOC 28
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 81
- tv:sheet** WINDOC 56
- tv:sheet** WINDOC 56
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 27
- tv:sheet** WINDOC 27
- tv:sheet** TOOLS 111
- tv:sheet** WINDEX 8
- tv:sheet** WINDOC 29
- tv:sheet** WINDOC 29
- tv:sheet** WINDOC 29
- tv:sheet** WINDOC 82

- :inside-height** init option for
- :inside-size** init option for
- :inside-size** method of
- :inside-width** init option for
- :integral-p** init option for
- :left** init option for
- :left-margin-size** method of
- :margins** method of
- :more-p** init option for
- :more-p** method of
- :name** init option for
- :name** method of
- :position** init option for
- :position** method of
- :read-cursorpos** method of
- :refresh** method for
- :refresh** method of
- :reverse-video-p** method of
- :right** init option for
- :right-margin-character-flag** init option for
- :right-margin-size** method of
- :set-current-font** method of
- :set-cursorpos** method of
- :set-deexposed-typein-action** method of
- :set-deexposed-typeout-action** method of
- :set-font-map** method of
- :set-more-p** method of
- :set-reverse-video-p** method of
- :set-size-in-characters** method of
- :set-truncate-line-out** method of
- :set-vsp** method of
- :size** init option for
- :size** method of
- :size-in-characters** method of
- :string-length** method of
- :string-out** method of
- :tab-nchars** init option for
- :top** init option for
- :top-margin-size** method of
- :truncate-line-out** method of
- :tyo** method of
- :vsp** init option for
- :vsp** method of
- :who-line-documentation-string** method of
- :width** init option for
- :x** init option for
- :y** init option for
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 80
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 79
- tv:sheet** WINDOC 77
- tv:sheet** WINDEX 41
- tv:sheet** WINDOC 82
- tv:sheet** WINDOC 30
- tv:sheet** WINDOC 30
- tv:sheet** WINDOC 85
- tv:sheet** WINDOC 85
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 81
- tv:sheet** WINDOC 27
- tv:sheet** TOOLS 111, 122
- tv:sheet** WINDEX 9
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 31
- tv:sheet** WINDEX 41
- tv:sheet** WINDOC 57
- tv:sheet** WINDOC 27
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 56
- tv:sheet** WINDOC 30
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 80
- tv:sheet** RN 102, WINDOC 32
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 80
- tv:sheet** WINDOC 80
- tv:sheet** WINDOC 30
- tv:sheet** WINDOC 27
- tv:sheet** WINDOC 23, 32
- tv:sheet** WINDOC 78
- tv:sheet** WINDEX 41
- tv:sheet** RN 102, WINDOC 32
- tv:sheet** WINDOC 27
- tv:sheet** WINDOC 31
- tv:sheet** WINDOC 31
- tv:sheet** WINDEX 18
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 78
- tv:sheet** WINDOC 78
- tv:sheet** flavor TOOLS 129, TOOLS 129
- tv:sheet-following-blinker** function TOOLS 129, TOOLS 129, WINDOC 66
- tv:sheet-force-access** macro WINDOC 9
- tv:sheet-force-access** special form WINDEX 57, 59
- tv:show-partially-visible-mixin** flavor WINDOC 14
- tv:stream-mixin** WINDOC 54
- tv:stream-mixin** RN 41, 42, WINDOC 43
- tv:stream-mixin** RN 41, WINDOC 44
- tv:stream-mixin** WINDOC 54
- tv:stream-mixin** WINDOC 54
- tv:stream-mixin** WINDOC 45
- tv:stream-mixin** WINDOC 35
- tv:stream-mixin** WINDOC 38
- tv:stream-mixin** RN 64, WINDOC 51
- tv:stream-mixin** RN 64, WINDOC 51
- tv:stream-mixin** WINDOC 27
- tv:stream-mixin** WINDOC 54
- tv:stream-mixin** WINDOC 45
- tv:stream-mixin** WINDOC 27
- tv:stream-mixin** RN 41, WINDOC 44
- :add-asynchronous-character** method of
- :any-tyi** method of
- :any-tyi-no-hang** method of
- :asynchronous-character-p** method of
- :asynchronous-characters** init option for
- :clear-input** method of
- :draw-char** method of
- :draw-rectangle** method of
- :finish-typeout** method of
- :force-rescan** method of
- :fresh-line** method of
- :handle-asynchronous-character** method of
- :line-in** method of
- :line-out** method of
- :list-tyi** method of

- :listen** method of **tv:stream-mixin** WINDOC 45
 - :mouse-or-kbd-tyl** method of **tv:stream-mixin** RN 42, WINDOC 44
 - :mouse-or-kbd-tyl-no-hang** method of **tv:stream-mixin** RN 42, WINDOC 45
 - :read-bp** method of **tv:stream-mixin** RN 65, WINDOC 51
 - :remove-asynchronous-character** method of **tv:stream-mixin** WINDOC 54
 - :replace-input** method of **tv:stream-mixin** RN 65, WINDOC 51
 - :rescanning-p** method of **tv:stream-mixin** RN 64, WINDOC 51
 - :rubout-handler** method of **tv:stream-mixin** WINDOC 47
 - :start-typeout** method of **tv:stream-mixin** RN 63, WINDOC 50
 - :string-in** method of **tv:stream-mixin** WINDOC 46
 - :string-line-in** method of **tv:stream-mixin** WINDOC 47
 - :tyl** method of **tv:stream-mixin** RN 41, WINDOC 44
 - :tyl-no-hang** method of **tv:stream-mixin** RN 41, WINDOC 44
 - :untyl** method of **tv:stream-mixin** WINDOC 45
- Changes to **:tyl**, **:tyl-no-hang**, **:list-tyl**, **:mouse-or-kbd-tyl**, and **:mouse-or-kbd-tyl-no-hang** methods of **tv:stream-mixin** RN 40
- New methods of **tv:stream-mixin** flavor WINDOC 23, 33, 41
- tv:stream-mixin: :start-typeout**, **:finish-typeout**, **:rescanning-p**, **:force-rescan**, **:replace-input**, **:read-bp** RN 63
 - tv:temporary-choose-variable-values-window** flavor MENUS 72
 - tv:temporary-choose-variable-values-window** resource MENUS 73
 - tv:temporary-multiple-choice-window** flavor MENUS 54
 - tv:temporary-multiple-choice-window** resource MENUS 55
 - tv:text-scroll-window** flavor WINDEX 31
 - tv:text-scroll-window-empty-gray-hack** flavor WINDEX 31
 - tv:top-box-label-mixin** flavor WINDOC 86
 - tv:top-label-mixin** flavor WINDOC 86
 - tv:truncatable-lines-mixin** flavor RN 102, WINDOC 32
- New flavors:
- tv:truncatable-lines-mixin**, **tv:truncating-lines-mixin** RN 102
 - tv:truncating-lines-mixin** RN 102
 - tv:truncating-lines-mixin** flavor RN 102, WINDOC 23, 32
 - tv:truncating-window** flavor RN 102, WINDOC 32
 - tv:turn-off-sheet-blinkers** function WINDOC 66
 - tv:typeout-window** flavor WINDEX 77
 - tv:typeout-window-with-mouse-sensitive-items** flavor WINDEX 77
 - tv:value** SCROLL 6
 - tv:who-line-mouse-grabbed-documentation** variable WINDOC 73
 - tv:window** flavor TOOLS 104, 107, 108, 109, TOOLS 104, 107, 108, 109, WINDOC 21, 41, WINDEX 6
 - tv:window-call** special form WINDEX 56, 58
 - tv:window-hacking-menu-mixin** flavor MENUS 20
 - tv:window-with-typeout-mixin** flavor WINDEX 75, 77
 - tv:with-mouse-grabbed** macro WINDOC 70, WINDEX 57, 58
- New macro:
- tv:with-mouse-grabbed-on-sheet** RN 74
 - tv:with-mouse-grabbed-on-sheet** macro RN 74, WINDOC 71, WINDEX 57, 59
 - tv:with-mouse-usurped** macro WINDOC 72, WINDEX 76, 78
 - twiddle-frob** special form NOTA 2
- Interface between two modules PKG 3
- Two Speeds for Cold Boot (LM-2) SITE 30
- Transpose two surrounding addresses ZMAILT 47
- intern**, **intern-local**, **intern-soft**, and **intern-local-soft** return two values RN 7
- Two window mode ZMACS 117

- Modified Two Windows ZMACS 117
- Using Two Windows ZMACS 117
- View Two Windows ZMACS 117
- View Two Windows (c-X 2) TOOLS 60
- View Two Windows (c-X 3) TOOLS 60
- Change in Zmacs command Modified Two Windows (c-X 4) RN 127
- Modified Two Windows (c-X 4) TOOLS 60
- Modified Two Windows (c-X 4) Zmacs command RN 127
- Two Windows Showing Region ZMACS 117
- c-X 2 (Two Windows) TOOLS 60
- c-X 3 (View Two Windows) TOOLS 60
- c-X 4 (Modified Two Windows) TOOLS 60
- Two-dimensional bit-array WINDOC 41
- Two-windows reply window mode ZMAILT 35
- tyl function PRIM 110
- :tyl message WINDOC 88, STR 10
- :tyl method of tv:stream-mixin RN 41, WINDOC 44
- :tyl stream operation STR 59
- Changes to :tyl, :tyl-no-hang, :lis/-tyl, :mouse-or-kbd-tyl, and :mouse-or-kbd-tyl-no-hang methods of tv:stream-mixin RN 40
- :tyl-no-hang NETIO 25
- :tyl-no-hang message STR 16
- :tyl-no-hang method of tv:stream-mixin RN 41, WINDOC 44
- Changes to :tyl, :tyl-no-hang, :list-tyl, :mouse-or-kbd-tyl, and :mouse-or-kbd-tyl-no-hang methods of tv:stream-mixin RN 40
- typepeek function PRIM 113
- :typepeek message STR 11
- tyo function PRIM 115
- :tyo message WINDOC 27, STR 9
- :tyo method of tv:sheet WINDOC 27
- .bin file type 3600 13
- .bn file type 3600 13
- .fep file type RN 134, LMS 34
- .qbin file type 3600 13
- :after method type FLAV 49
- :and method combination type FLAV 49
- :append method combination type FLAV 49
- :assoc variable type MENU 59
- :before method type FLAV 49
- :bin canonical type RN 34, FILE 54
- :boolean variable type MENU 59
- :buttons menu item type MENU 10, 25, SCROLL 9
- :byte-stream medium type PROT 50
- :case method combination type FLAV 49
- :character variable type MENU 59
- :character-or-nil variable type MENU 59
- :choose proceed type PKG 51
- :choose variable type MENU 59
- :combined method type FLAV 49
- :create-package proceed type COND 62, PKG 51
- :daemon method combination type FLAV 49
- :date variable type MENU 59
- :date-or-never variable type MENU 59
- :decimal-number variable type MENU 59
- :decimal-number-or-nil variable type MENU 59
- :default method type FLAV 49
- :documentation menu item type SCROLL 9
- :eval menu item type MENU 10, SCROLL 9
- :export proceed type PKG 51
- :font-list variable type MENU 59
- :funcall menu item type MENU 10, SCROLL 9
- :funcall-with-self menu item type MENU 10
- :gateway-pseudonet network type PROT 42
- :host variable type MENU 59

| | | |
|---|------|-------------------------|
| :host-list variable | type | MENUS 59 |
| :internal function spec | type | FUNC 1 |
| :inverse-list method combination | type | FLAV 49 |
| :kbd menu item | type | MENUS 10, SCROLL 9 |
| :keyword-list variable | type | MENUS 59 |
| :lisp canonical | type | RN 34, FILE 54 |
| :lisp method combination | type | FLAV 49 |
| :local step | type | PROT 42 |
| :location function spec | type | FUNC 1 |
| :medium step | type | PROT 42 |
| :menu menu item | type | MENUS 10, SCROLL 9 |
| :menu-alist variable | type | MENUS 59 |
| :method function spec | type | FUNC 1 |
| :nconc method combination | type | FLAV 49 |
| :network step | type | PROT 42 |
| :new-name proceed | type | COND 62, PKG 51 |
| :no-action proceed | type | COND 43, 62, 63, PKG 51 |
| :no-select menu item | type | MENUS 10 |
| :number variable | type | MENUS 59 |
| :number-or-nil variable | type | MENUS 59 |
| :or method combination | type | FLAV 49 |
| :past-date variable | type | MENUS 59 |
| :pathname variable | type | MENUS 59 |
| :pathname-host variable | type | MENUS 59 |
| :pathname-list variable | type | MENUS 59 |
| :pathname-or-nil variable | type | MENUS 59 |
| :princ variable | type | MENUS 59 |
| :progn method combination | type | FLAV 49 |
| :property function spec | type | FUNC 1 |
| :qbin canonical | type | RN 34, FILE 54 |
| :service step | type | PROT 42 |
| :sexp variable | type | MENUS 59 |
| :shadow proceed | type | PKG 51 |
| :shadowing-import proceed | type | PKG 51 |
| :share proceed | type | PKG 51 |
| :skip proceed | type | PKG 51 |
| :string variable | type | MENUS 59 |
| :string-list variable | type | MENUS 59 |
| :string-or-nil variable | type | MENUS 59 |
| :time-interval-or-never variable | type | MENUS 59 |
| :unintern proceed | type | PKG 51 |
| :value menu item | type | MENUS 10, 12 |
| :window-op menu item | type | MENUS 10, 20 |
| :within function spec | type | FUNC 1 |
| :wrapper method | type | FLAV 49 |
|)DIR FEP file | type | INT 75 |
| Array structure | type | DEFS 7 |
| BIN file | type | COMP 1 |
| Binary file | type | 3600 13 |
| Binary tree structure | type | DEFS 7 |
| Bridge connection | type | NETIO 46 |
| chaos network | type | PROT 12 |
| Data | type | PRIM 1, 3, INT 18 |
| Data representation | type | STOR 1 |
| Default | type | FILE 13 |
| Default surface | type | FILE 17 |
| dial network | type | PROT 12 |
| DIAL network | type | RN 151 |
| Direct connection | type | NETIO 46 |
| dtp-header-forward data | type | 3600 20 |
| dtp-array data | type | 3600 20 |
| dtp-array-header data | type | 3600 20, INT 9 |
| dtp-array-pointer data | type | 3600 20, INT 9 |
| dtp-body-forward data | type | 3600 20, INT 9 |
| dtp-closure data | type | 3600 20, INT 9 |
| dtp-compiled-function data | type | 3600 20 |
| dtp-entity data | type | 3600 20, FLAV 61, INT 9 |
| dtp-even-pc data | type | 3600 20 |

Symbolics, Inc. March 1984

| | | | |
|--|----------------|------|---|
| ntp-extended-number | data | type | 3600 20, INT 9 |
| ntp-external-value-cell-pointer | data | type | 3600 20, INT 9 |
| ntp-fef-pointer | data | type | 3600 20, INT 9 |
| ntp-fix | data | type | 3600 20, INT 9 |
| ntp-float | data | type | 3600 20 |
| ntp-free | data | type | 3600 20, INT 9 |
| ntp-gc-forward | data | type | 3600 20, INT 9 |
| ntp-header | data | type | 3600 20, INT 9 |
| ntp-header-forward | data | type | INT 9 |
| ntp-header-i | data | type | 3600 20 |
| ntp-header-p | data | type | 3600 20 |
| ntp-instance | data | type | 3600 20, FLAV 57, INT 9 |
| ntp-instance-header | data | type | 3600 20, FLAV 57, INT 9 |
| ntp-instance-variable-pointer | data | type | 3600 20 |
| ntp-list | data | type | 3600 20, INT 9 |
| ntp-locative | data | type | 3600 20, INT 9 |
| ntp-monitor-forward | data | type | 3600 20 |
| ntp-nil | data | type | 3600 20 |
| ntp-null | data | type | 3600 20, INT 9 |
| ntp-odd-pc | data | type | 3600 20 |
| ntp-one-q-forward | data | type | 3600 20, INT 9 |
| ntp-select-method | data | type | 3600 20, FLAV 57, INT 9 |
| ntp-small-flonum | data | type | 3600 20 |
| ntp-stack-closure | data | type | 3600 20 |
| ntp-stack-group | data | type | 3600 20, INT 9 |
| ntp-symbol | data | type | 3600 20, INT 9 |
| ntp-symbol-header | data | type | 3600 20, INT 9 |
| ntp-trap | data | type | 3600 20, INT 9 |
| ntp-u-entry | data | type | 3600 20, INT 9 |
| element | primitive | type | PROT 30 |
| expr | Maclisp | type | FUNC 11 |
| | FEP FEP file | type | INT 75 |
| fexpr | Maclisp | type | FUNC 11 |
| | FILE FEP file | type | INT 75 |
| Fixed bridge connection | | type | NETIO 46 |
| Fixnum structure | | type | DEFS 7 |
| FLOD FEP file | | type | INT 75 |
| Flonum data | | type | 3600 15 |
| FSPT FEP file | | type | INT 75 |
| gateway-pseudonet | network | type | PROT 12 |
| global-name | primitive | type | PROT 30 |
| internet | network | type | PROT 12 |
| | Lexpr Maclisp | type | FUNC 11 |
| | List structure | type | DEFS 7 |
| | LOAD FEP file | type | INT 75 |
| macro | Maclisp | type | FUNC 11 |
| | MIC FEP file | type | INT 75 |
| name | primitive | type | PROT 30 |
| | PAGE FEP file | type | INT 75 |
| pair | primitive | type | PROT 30 |
| PDL-POP address | | type | INT 44, 52 |
| Preferred surface | | type | FILE 17 |
| Primary method | | type | FLAV 49 |
| | Proceed | type | COND 37 |
| pup | network | type | PROT 12 |
| | QBIN file | type | COMP 1 |
| set | primitive | type | PROT 30 |
| Setting disk | | type | NETIO 7, 13 |
| | | | Some Methods Can Use Combination Type as Method |
| | | | Type RN 83 |
| Special Defaulting of the | | type | STR 84, FILE 27 |
| stp-small-flonum | data | type | INT 9 |
| Symbol function spec | | type | FUNC 1 |
| token | primitive | type | PROT 30 |
| triple | primitive | type | PROT 30 |
| x25 | network | type | PROT 12 |
| BABYL pathname | | type | abbreviation FILE 44 |
| CWARNS pathname | | type | abbreviation FILE 44 |

- INIT pathname type abbreviation FILE 44
 LISP pathname type abbreviation FILE 44
 MAIL pathname type abbreviation FILE 44
 MIDAS pathname type abbreviation FILE 44
 OUTPUT pathname type abbreviation FILE 44
 PATCH-DIRECTORY pathname type abbreviation FILE 44
 (PDIR) pathname type abbreviation FILE 44
 PRESS pathname type abbreviation FILE 44
 QFASL pathname type abbreviation FILE 44
 QWABL pathname type abbreviation FILE 44
 TEXT pathname type abbreviation FILE 44
 ULOAD pathname type abbreviation FILE 44
 UNFASL pathname type abbreviation FILE 44
 XMAIL pathname type abbreviation FILE 44
 Some Methods Can Use Combination Type as Method Type RN 83
 Numeric Type Change 3600 31
 Invalid type code error COND 54
 Numeric Type Conversions PRIM 75
 Type Decoding Message MENUS 69
 Type Decoding Method MENUS 69
 Adding a Font Editor file type defaults RN 113
 tv:choose-variable-values Type Definition Example MENUS 71
 Dump Type dump parameter SITE 5
 Destroying data type field INT 19
 Extracting data type field INT 19
 Translating pathname type field FILE 17
 :bin canonical type for bin files 3600 13
 File type for compiled code files COMP 1
 Type generic pathname component FILE 15
 Surface type in pathnames FILE 17
 Connection type in routing table NETIO 46
 Type ITS pathname component FILE 48
 Adding a Type Keyword Property MENUS 69
 Argument to **:menu** type menu items can be a menu or a form RN 105
 :type message FILE 12, PROT 74
 Proceed Type Messages COND 39
 :type method of **fs:pathname** FILE 32
 Data type names PKG 9
 Proceed Type Names COND 40
 Change in type of array returned by **string-append** RN 16
 :type option for **defstruct** DEFS 7
 :type option for **fquery** MISCUI 10
 :type option for **make-array** ARR 7, INT 57
 :type option to **defstruct** DEFS 7
 :array symbol in **:type** option to **defstruct** DEFS 7
 :array-leader symbol in **:type** option to **defstruct** DEFS 7
 :fixnum symbol in **:type** option to **defstruct** DEFS 7
 :fixnum-array symbol in **:type** option to **defstruct** DEFS 7
 :fionum-array symbol in **:type** option to **defstruct** DEFS 7
 :grouped-array symbol in **:type** option to **defstruct** DEFS 7
 :list symbol in **:type** option to **defstruct** DEFS 7
 :named-array symbol in **:type** option to **defstruct** DEFS 7
 :named-array-leader symbol in **:type** option to **defstruct** DEFS 7
 :named-list symbol in **:type** option to **defstruct** DEFS 7
 :tree symbol in **:type** option to **defstruct** DEFS 7
 :type option to **make-plane** RN 80, ARR 21
 type printer attribute HARD 5
 type printer attribute HARD 5
 type printer attribute HARD 5
 type printer attribute HARD 5
 type printer attribute HARD 5
 :init canonical pathname type removed RN 35
 Logical Pathname Name, Type, and Version Now Separated by Periods RN 35
 :type-alist init option for **tv:scroll-mouse-mixin** SCROLL 9
 Type-code field 3600 11
 :type-wild-p method of **fs:pathname** FILE 39
 type: **mss** RN 126

 New canonical file

- type**: network object attribute PROT 12
- type**: printer object attribute PROT 13
- :typeahead** option WINDOC 52
- typecase** special form FLOW 7, PKG 9
- Typesfaces WINDOC 19, 54
- typein action WINDOC 17
- typein action WINDOC 17
- typein action WINDOC 17
- Typeout ZMACS 15, WINDOC 9, 23
- timeout action WINDOC 9
- timeout action WINDOC 9
- timeout action WINDOC 9
- timeout action WINDOC 9
- timeout action WINDOC 9
- timeout action WINDOC 9, 13
- timeout option WINDOC 13
- timeout style RN 65
- Timeout to partially visible windows WINDOC 13
- Timeout window ZMACS 15, 34
- timeout window WINDEX 77
- Timeout windows WINDEX 75
- tv:** **timeout-window** flavor WINDEX 77
- :timeout-window** init option for
 - tv:essential-window-with-timeout-mixin** WINDEX 77
- tv:** **timeout-window-with-mouse-sensitive-items** flavor WINDEX 77
- [Flush Timeout] File System Maintenance menu item SITE 1
- :array** returned by **typep** PRIM 5
- :atom** argument to **typep** PRIM 5
- :bignum** returned by **typep** PRIM 5
- :closure** returned by **typep** PRIM 5
- :compiled-function** returned by **typep** PRIM 5
- :entity** argument to **typep** PRIM 5
- :fix** argument to **typep** PRIM 5
- :fixnum** returned by **typep** PRIM 5
- :float** argument to **typep** 3600 16, PRIM 5
- :flonum** argument to **typep** 3600 16
- :flonum** returned by **typep** PRIM 5
- :instance** argument to **typep** PRIM 5
- :list** returned by **typep** PRIM 5
- :locative** returned by **typep** PRIM 5
- :microcode-function** returned by **typep** PRIM 5
- :number** argument to **typep** PRIM 5
- :random** returned by **typep** PRIM 5
- :select-method** returned by **typep** PRIM 5
- :small-flonum** argument to **typep** 3600 16
- :small-flonum** returned by **typep** PRIM 5
- :stack-group** returned by **typep** PRIM 5
- :string** returned by **typep** PRIM 5
- :symbol** returned by **typep** PRIM 5
- typep** function 3600 16, 31, PRIM 5, FUNC 34, DEFS 23, PKG 9, 31, TOOLS 131
- typep** on the LM-2 and the 3600 3600 16
- :typep** option to **si:printing-random-object** PRIM 89
- Abstract types FLAV 5, 13
- Aggregate data types DEFS 1
- Array types ARR 4, 7
- Canonical types ZMACS 122
- Combination Method Types FLAV 53
- Combining abstract types FLAV 19
- Compiled Code File Types 3600 13
- Compiling operations on abstract types FLAV 5
- Data Types PRIM 1
- Database data types PROT 2, 26
- Defining Choose Variable Values Types MENUS 69

Definition types RN 145, FUNC 19
 FEP File Types INT 75
 File Types COMP 1
 Lisp Data Types PROT 26
 Packet types NETIO 53
 Predefined Variable Types MENUS 59
 Primitive types PROT 30
 Proceed types TOOLS 76, 124
 Programmer-defined object types FLAV 5
 QFILE packet types PROT 94
 Standard pathname types FILE 44
 System file types TAPE 15
 Variables and Types MENUS 57
 Correspondence of Canonical Types and Editor Modes FILE 19
 File types and major modes ZMACS 182
 Canonical Types in Pathnames FILE 17
 Data Types of Attributes PROT 2
 Types of Histories INED 5
 File types of major modes ZMACS 182
 Types of Menu Items MENUS 10
 Types of numbers PRIM 1
 Types of Patch Files MAINT 30
 File types of patch files MAINT 30
 Array Types on the 3600 3600 18
 :types-for-canonical-type method of
 fs:pathname FILE 36
 New data types: :single-float and :double-float RN 49
 Data Types: Subprimitives INT 9
 Data Types: Subprimitives: Software Changes 3600 20
 Data Types: the Loop Iteration Macro FLOW 48
 [Type] Map over menu item ZMAILC 30
 Typical use of Zmacs ZMACS 156
 typical-variable variable NOTA 3
 Typing Characters WINDOC 23
 Typing messages ZMAILC 30
 Typing strings WINDOC 27
 Correcting Typos ZMACS 20

U

U

U

U Dired command ZMACS 138
 HELP U Zmacs command ZMACS 12, 36
 U Zmail command ZMAILT 59, ZMAILC 18
 Maclisp status udir function FILE 55
 ULOAD pathname type abbreviation FILE 44
 Un-garbage-collected arrays ARR 23
 :un-relative-coordinates method of
 si:make-hardcopy-stream HARD 11
 Number of unacknowledged output packets NETIO 81
 Change in arguments to unadvise RN 39
 unadvise special form RN 40, DEBUG 26
 si: unadvise-1 function DEBUG 27
 unadvise-within special form DEBUG 29
 Strategy for UNAME user process name NETIO 77
 Unattended Operation with the Garbage
 Collector STOR 13
 Find Unbalanced Parentheses (m-X) TOOLS 24
 Find Unbalanced Parentheses (m-X) Zmacs
 command ZMACS 38
 Check Unbalanced Parentheses When Saving ZMACS 195
 si: unbin-file function 3600 13, COMP 26
 UNBIND instruction INT 49
 QFILE unbinding PROT 87
 Unbindings EVAL 3
 Unbound closure variable error COND 53
 Unbound instance variable error COND 53
 Unbound symbol PRIM 53

- Unbound variable errors COND 53
- sys:** **unbound-closure-variable** flavor COND 53
- Unbound-function symbol MISC 1
- sys:** **unbound-instance-variable** flavor COND 53
- sys:** **unbound-symbol** flavor COND 53
- sys:** **unbound-variable** flavor COND 53
- unbreakon** function COND 44, TOOLS 92
- Chaosnet UNC encapsulation interface PROT 72
- UNC Uncontrolled Data packet NETIO 57, 68
- sys:** **unclaimed-message** flavor COND 62
- :unclaimed-message** message FLAV 48
- Uncomment Region (m-X) Zmacs command ZMACS 159
- uncompile** function FUNC 16, COMP 4
- UNC Uncontrolled Data packet NETIO 57, 68
- Uncontrolled packets NETIO 44, 50
- UNDATA-CONNECTION QFILE command PROT 96
- New function: **undeflavor** RN 53
- undeflavor** function RN 53, FLAV 30
- Undefined character code WINDOC 23
- Known problem: **char-upcase** and **char-downcase**
- undefined for modified characters RN 145
- Undefined function error COND 54
- sys:** **undefined-function** flavor COND 54
- sys:** **undefined-keyword-argument** flavor COND 61
- Flavor **fs:****undefined-logical-pathname-translation** replaces **fs:**
undefined-logical-pathname-directory RN 37
- fs:** **undefined-logical-pathname-translation** flavor RN 37, COND 73
- Flavor **fs:** **undefined-logical-pathname-translation** replaces **fs:**
undefined-logical-pathname-directory RN 37
- undefmethod** macro FLAV 30, 58
- undefun** function FUNC 21
- undefun-method** special form FLAV 30
- Dired Undelete ZMACS 138
- Dired Reverse Undelete ZMACS 138
- Undelete specified file STR 67
- undeletef** function STR 67
- [Undelete] File System Editor menu item FSED 1
- [Undelete] Map over menu item ZMAILC 30
- [Undelete] Zmail menu item ZMAILT 13, 59, ZMAILC 18
- Deleting and Undeleting ZMAILT 13
- Deleting and Undeleting messages ZMAILC 30
- Deleting and Undeleting Messages ZMAILC 18
- Undeleting messages in mail buffer ZMAILT 13, 59, ZMAILC 18
- Keyboard under window system control WINDOC 1
- Mouse under window system control WINDOC 1
- Exponent underflow PRIM 61
- Exponent underflow error COND 56
- Underscore (.) in fixnum syntax PRIM 93
- Understanding Notation Conventions NOTA 1
- Undigestify (m-X) ZMAILT 50
- Undo (m-X) and Redo (m-X) ZMAILT 29
- Undo all changes to buffer ZMACS 109
- Previously Undocumented Feature: Coroutine Streams RN 89
- Previously undocumented function: **clear-resource** RN 78
- Previously undocumented function: **describe-system** RN 94
- Previously undocumented function:
fs:set-logical-pathname-host RN 38
- Previously undocumented function: **string-compare** RN 81
- Previously undocumented functions: **tv:add-to-system-menu-**
programs-column,
tv:add-to-system-menu-create-menu RN 103
- Previously undocumented macro: **swapf** RN 82
- Previously undocumented reader macro: **#|** and **|#** RN 83

- Previously undocumented special form: **destructuring-bind** RN 77
- Previously undocumented variables: **sys:mouse-x-scale-array** and **sys:mouse-y-scale-array** (LM-2 only) RN 100
- Undoing commands ZMAILT 29
- Undumped ZMACS 140
- Dired Next
- si:** **unencapsulate-function-spec** function FUNC 27
- unexport** function PKG 27, 45
- si:** **unfasl** function COMP 26
- UNFASL pathname type abbreviation FILE 44
- si:** **unfasl-file** function 3600 13
- UNIBUS address INT 16
- UNIBUS BUSINT locations NETIO 109
- UNIBUS Card Slots NETIO 106
- UNIBUS Chaosnet interface NETIO 70
- Introduction: LM-2 UNIBUS I/O NETIO 105
- LM-2 UNIBUS I/O NETIO 105
- UNIBUS interrupt vector numbers NETIO 109
- UNIBUS IOB device locations NETIO 109
- UNIBUS location NETIO 107
- UNIBUS location NETIO 107
- UNIBUS location of the Chaosnet interface INT 28
- UNIBUS map facility NETIO 105
- UNIBUS Map Management (LM-2 Only) NETIO 105
- si:** **unibus** option for **si:sb-on** RN 95, PROC 6
- unibus-map-address** function NETIO 106
- %unibus-read** function NETIO 107, INT 16
- %unibus-write** function NETIO 107, INT 16
- fs:** **unimplemented-option** flavor COND 71
- :unintern** proceed type PKG 51
- Uninterned symbol PRIM 58, MAC 15
- Uninterned symbols RN 19, PKG 7, 40
- Printing Uninterned Symbols RN 19
- union** function PRIM 35
- Union of universes ZMAILC 13
- Complete And Exit If Unique ZMACS 43
- Disk unit INT 55
- Initializing a Disk Unit INT 83
- Mounting a Disk Unit INT 83
- Unit number INT 55
- Unit number field in disk address INT 55
- :unit** option for **format:tab** STR 40
- :unit** option to **tape:make-stream** TAPE 1
- :unit** serial I/O parameter NETIO 27
- Multiple Disk Units NETIO 13
- Universal Time MISCUI 1
- Complement of a universe ZMAILC 13
- Universe Creation Display ZMAILC 13
- [Current] Universe Creation Display menu item ZMAILC 13
- [Loaded] Universe Creation Display menu item ZMAILC 13
- Universe Selection Display ZMAILC 13
- [New universe] Universe Selection Display menu item ZMAILC 13
- Universes ZMAILC 13
- Creating Universes ZMAILC 13
- Intersection of universes ZMAILC 13
- Mail collections in universes ZMAILC 13
- Predefined universes ZMAILC 13
- Saving Universes ZMAILC 15
- Selecting Universes ZMAILC 13
- Union of universes ZMAILC 13
- User-defined universes ZMAILC 13
- [Universes (M)] Zmail Profile Mode command ZMAILC 21
- [Universes] Profile Mode menu item ZMAILC 13, 15
- [New universe] Universe Selection Display menu item ZMAILC 13
- UNIX RN 34, COND 64, ZMAILC 33, 34, FILE 43,

- 54
- The UNIX implementation NETIO 96
 UNIX mail file format ZMAILC 34, 35
 UNIX pathname abbreviations FILE 44
 [Unkeywords] Map over menu item ZMAILC 30, 31
 Unknown attribute ZMACS 126
- sl:** ***unknown*** symbol FUNC 16, 22
- sys:** **unknown-address** flavor COND 73
sys: **unknown-host-name** flavor COND 73
fs: **unknown-locf-reference** flavor COND 54
fs: **unknown-operation** flavor COND 66
fs: **unknown-pathname-host** flavor COND 73
fs: **unknown-property** flavor COND 70
sys: **unknown-self-reference** flavor COND 54
fs: **unknown-user** flavor COND 67
- unless** clause FLOW 45
unless keyword FLOW 45
unless macro FLOW 5
- Unlock queue RN 71, PROC 10
unmonitor-variable function DEBUG 39
:unparse-address message PROT 74
- Unplugging Lemo Cables Should Not Halt the
 FEP RN 137
- Drawing on unprepared sheet error COND 57
 Unseen message property ZMAILT 3, 47
 [Unseen] Filter Selection Display menu item ZMAILC
 31
- :unselected-choice-font** init option for
tv:basic-choose-variable-values MENUS 74
- unspecial** special form COMP 10
 Unsupported Features ZMAILC 35
- sys:** **%unsynchronized-device-read** function 3600 24
- until** clause FLOW 44
until keyword FLOW 44
- untrace** special form TOOLS 88, 89, DEBUG 24
 [Untrace] TOOLS 89
 Untracing Function Execution DEBUG 24
- :untyl** message STR 10
:untyl method of **tv:stream-mixin** WINDOC 45
:untyo message STR 16
:untyo-mark message STR 16
- unuse-package** function PKG 27, 44
- Unwedging ZMAILT 24
- Unwind protection FLOW 25
- unwind-protect** special form EVAL 25, FLOW 26,
 TOOLS 129, PROT 64
- *unwind-stack** function 3600 28, FLOW 28
- Unwinding a stack FLOW 25
- sl:** **unwire-page** function 3600 23, INT 23
- Cold boot after powering
 Powering up LMS 4
 up a 3600 NETIO 2
 Up Comment Line ZMACS 158
 Up Comment Line (m-P) TOOLS 23
 (Up Comment Line) TOOLS 23
- m-P
 ! character, file not backed
 Backward Up List ZMACS 55
 Forward Up List ZMACS 55
 Kill Backward Up List (c-m-X) Zmacs command ZMACS 69
 Up Real Line ZMACS 23, 56, 136
- Using the mouse to call
 Powering up System menu ZMACS 30
 up the 3600 LMS 4, NETIO 2
 Up-arrow PRIM 103
- Release 5.0 Update LMS 33
 Update Attribute List (m-X) TOOLS 11
 Update Attribute List (m-X) Zmacs command ZMACS
 125
 Update compiler warnings database COMP 13
 Update functions MAC 35

- Update the namespace database PROT 25
- update-by** attribute PROT 32
- Using the **:version** and **:update-directory** keywords MAINT 17
- :update-directory** option for **make-system** MAINT 13
- :update-item-list** message
- tv:dynamic-...-menu** MENUS 37
- :update-label** method of
- tv:delayed-redisplay-label-mixin** WINDOC 87
- Updated Information for Release 5.0 LMS 34
- Updated Information for Release 5.0 LMS 34
- updates PROT 32
- updates Peek command MISCUI 3
- Updates to network database PROT 32
- Updating File Attribute List RN 126
- Updating generalized variables MAC 35
- Updating list items SCROLL 13
- Updating menu item list MENUS 35
- Updating Software SITE 20
- Updating systems MAINT 27
- Updating the display SCROLL 1
- Upper and Lowercase Letters ARR 26
- Uppercase Code in Buffer (m-X) Zwei command RN 125
- Uppercase Code in Region (m-X) Zmacs command ZMACS 148
- Uppercase Code in Region (m-X) Zwei command RN 125
- Uppercase in pathname components FILE 12
- Uppercase Initial ZMACS 148
- Uppercase letter ARR 26
- Uppercase Region ZMACS 148
- Uppercase Word ZMACS 148
- Upright Biphase NRZI technique NETIO 37
- uptime** function MISCUI 6
- uptime** Service PROT 61
- uread** function FILE 55
- Usage PROT 38
- USART chip NETIO 23
- :use** option for **defpackage** PKG 4, 33
- :use** option for **make-package** PKG 4, 35
- use-package** function PKG 4, 27, 44
- Used LMS 43
- used as functions FUNC 11
- used as functions FUNC 1
- Used by Standard Software 3600 5
- Used During Expansion MAC 26
- Used FEP Commands NETIO 6
- Used for Editor Commands RN 103
- used inside the Debugger DEBUG 13
- used with stack lists RN 148
- Useful Information RN 140
- Useful **tv:menu** Init-plist Options MENUS 22
- Useful **tv:menu** Messages MENUS 23
- Useful Zmacs Commands FLAV 63
- useless headers ZMAILT 47
- User PROT 48
- user RN 85, MISCUI 13
- User MISCUI 9
- user CONV 3, MISCUI 2
- User attributes PROT 9
- User Can Perform on Functions FUNC 7
- User connection NETIO 80
- User Datagram Protocol NETIO 68
- user index or ITS job number NETIO 77
- User Interface INT 55
- User Interface RN 22
- User Interface INT 74
- Introduction:
- Incremental
- Set sleep time between
- Major-mode-setting Commands Now Query About
- Maclisp
- Simplest
- Keys Not Currently
- Arrays
- Symbols
- Keys Not
- Functions
- Commonly
- Shifted Mouse Clicks Can Now Be
- Functions
- rplaca** can be
- Show Status Command Displays More
- Delete
- Prompting for input from
- Querying the
- Sending message to another
- Operations the
- USR
- 3600 Disk System
- Changes to Input Editor
- FEP File Properties: 3600 Disk System

- FEP File System: 3600 Disk System
- User Interface INT 68
 - User Interface to the Network Database PROT 19
 - User mode INT 55
 - User object PROT 2
 - affiliation:** user object attribute PROT 11
 - birthday:** user object attribute PROT 11
 - home-address:** user object attribute PROT 11
 - home-host:** user object attribute PROT 10
 - home-phone:** user object attribute PROT 11
 - lisp-name:** user object attribute PROT 10
 - login-name:** user object attribute PROT 9
 - mail-address:** user object attribute PROT 11
 - name:** user object attribute PROT 9
 - nickname:** user object attribute PROT 10
 - personal-name:** user object attribute PROT 10
 - project:** user object attribute PROT 11
 - remarks:** user object attribute PROT 12
 - supervisor:** user object attribute PROT 11
 - work-address:** user object attribute PROT 11
 - work-phone:** user object attribute PROT 11
 - User Objects PROT 9
 - User option facility MENUS 2
 - User Option Facility MENUS 66
 - User Option Variables MENUS 67
 - User Option Variables MENUS 66
 - User Options Example MENUS 67
 - User options window ZMAILC 7, 21
 - user** package RN 1, 6, PKG 13, 49
 - User package NOTA 1
 - User process NETIO 42
 - user process WINDOC 41
 - user process MENUS 29
 - user process name NETIO 77
 - user process name NETIO 77
 - user processes NETIO 43
 - The User's Process and the Mouse Process MENUS 5
 - si:** ***user*** variable PROT 26
 - User-created initialization lists INIT 5
 - User-defined file attributes STR 72
 - User-defined filters ZMAILC 8
 - User-defined major modes ZMACS 182
 - User-defined transformations MAINT 21, 23
 - User-defined universes ZMAILC 13
 - :user-get** message PROT 30
 - user-homedir** and **fs:init-file-pathname** RN 34
 - user-homedir** function RN 34, FILE 29
 - user-id** variable MISCF 12
 - User-maintained systems 3600 30
 - user-property:** object attribute PROT 6, 10, 13, 14, 15, 18
 - user-server** dialogue PROT 85
 - User-side NETIO 84
 - user-supplied code STR 25
 - Users PROT 3, 48
 - users PROT 9
 - Users PROT 53
 - Users ZMAILC 35
 - Minor Changes to Your Site: New Hosts, New Printers, New Users SIG 21
 - Users 3600 31
 - Users in the Site's Namespace SIG 17
 - uses same algorithm as **:draw-circle** RN 99
 - uses same coercion rules as **string** RN 16
 - %using-binding-instances** function INT 26
 - using-resource** special form STOR 21
 - USR user index or ITS job number NETIO 77
 - Usurping the mouse WINDOC 67, WINDEX 76
 - Utilities RN 1
- The Functions for Altering Functions for Defining
- Mouse process communicating with Sending command to JNAME UNAME Channels attached to The **si:**
- Arguments changed for **fs:**
- QFILE
- Format escape to
- Daemon File ITS
- Predicates: Notes on the 3600 for LM-2 Registering **:draw-filled-in-circle** **string-length** **sys:**

Disk and FEP File System
 Peek: Other
 Changes to
 Improvements to
 Incompatible Changes to
 New Features in
 Some
 CHASTA
 ITS Implementation
 TOPS-20/TENEX Chaosnet
 Tops-20/TENEX Implementation
 .CLOSE
 .IOT
 .NETS
 .RCHST
 .RESET
 Utilities INT 83
 Utilities and Applications MISCU 3
 Utilities in Release 5.0 RN 113
 Utilities in Release 5.0 RN 116
 Utilities in Release 5.0 RN 113
 Utilities in Release 5.0 RN 114
 Utility Functions MISC F 5
 Utility Functions MISCU 1
 utility programs NETIO 83
 Utility Programs NETIO 77
 utility programs NETIO 83
 Utility Programs NETIO 83
 uuo NETIO 75
 uuo NETIO 73
 uuo NETIO 75
 uuo NETIO 75
 uuo NETIO 75

V

V

V

V Dired command ZMACS 137
 V Font Editor command FED 23, 30
 V Zmacs command ZMACS 193
 V Zmacs command ZMACS 193
 V Zmacs command ZMACS 107
 V Zmacs command ZMACS 12, 36, 193
 Vadic autodialer RN 151
 Vadic Modem RN 111, NETIO 32
val function DEBUG 13
 valid arguments COND 27
 valid init-options for flavor STR 67
 valid menu item RN 149
:validate-lmfs-dump-tapes site attribute RN 121
validate-lmfs-dump-tapes: site object
 attribute PROT 17
 value PRIM 69
 value PROT 2
 value PROT 85
value SCROLL 6
 Value cell PRIM 1, 53, 85, FUNC 31
 value cell FUNC 31
 value cell FUNC 31
 Value Cell PRIM 53
 value from chosen item MENUS 23
:value line item entry SCROLL 6
:value menu item type MENUS 10, 12
 value of a variable DEBUG 27
 value of attribute PROT 29
 value of **format** printer attribute HARD 5
 value of **format** printer attribute HARD 5
 value of **format** printer attribute HARD 5
 value of **format** printer attribute HARD 5
 Value of instance variables FLAV 32
 value of **interface** printer attribute HARD 5
 value of **interface** printer attribute HARD 5
 value of **open** option **:direction** RN 24, STR 61
 value of **open** option **:direction** RN 24, STR 61
 value of **open** option **:direction** RN 24, STR 61
 value of **open** option **:direction** RN 24, STR 61
 value of **open** option **:if-does-not-exist** RN 25, STR
 63
 value of **open** option **:if-does-not-exist** RN 25, STR
 63
 value of **open** option **:if-does-not-exist** RN 25, STR
 63
:append value of **open** option for **:if-exists** RN 25, STR 63

c-HELP
 c-m-?
 c-X
 HELP

Interface to the
dbg:
 Checking for
 List
 nil not a

Absolute
 Attribute
 QFILE return
tv:

External
 Internal
 The
 Extracting

Monitoring the
 Get
ascii
lgp
press
xgp

dr11-c
serial
:input
:output
:probe
:probe-directory
:probe-link
:create
:error
 nil

| | | |
|--|---|-------------------------------------|
| :error | value of open option for :if-exists | RN 25, STR 63 |
| :new-version | value of open option for :if-exists | RN 25, STR 63 |
| :overwrite | value of open option for :if-exists | RN 25, STR 63 |
| :rename | value of open option for :if-exists | RN 25, STR 63 |
| :rename-and-delete | value of open option for :if-exists | RN 25, STR 63 |
| :supersede | value of open option for :if-exists | RN 25, STR 63 |
| :truncate | value of open option for :if-exists | RN 25, STR 63 |
| ascii | value of type printer attribute | HARD 5 |
| lpp | value of type printer attribute | HARD 5 |
| press | value of type printer attribute | HARD 5 |
| xgp | value of type printer attribute | HARD 5 |
| :auto | value of zwei:*converse-mode* variable | CONV 7 |
| :notify | value of zwei:*converse-mode* variable | CONV 7 |
| :notify-with-message | value of zwei:*converse-mode* variable | CONV 7 |
| :pop-up | value of zwei:*converse-mode* variable | CONV 7 |
| | :value option to trace | TOOLS 89, DEBUG 20 |
| | value-cell-location function | PRIM 54, 55 |
| | :value-font init option for | |
| | tv:basic-choose-variable-values | MENUS 74 |
| | Values | FLOW 42 |
| | Values | MENUS 2, TAPE 17 |
| Choose Variable | values | EVAL 25 |
| Functions that return multiple | values | PROT 103 |
| IF-EXISTS QFILE OPEN option | intern, intern-local, intern-soft, and intern-local-soft | return two values RN 7 |
| | Menu | Values MENUS 29 |
| Menu Items and Menu | Values | MENUS 29 |
| Multiple | Values | EVAL 25 |
| Property list | values | PRIM 39 |
| QFILE OPEN Response Result | Values | PROT 104 |
| QFILE String | Values | PROT 92 |
| readline and readline-trim return additional | values | RN 62 |
| Returning multiple | values | INT 49 |
| The Choose Variable | Values | Facility MENUS 57 |
| The Basic Choose Variable | Values | Flavor MENUS 72 |
| Instantiable Choose Variable | Values | Flavors MENUS 72 |
| Default | values for instance variables | FLAV 13, 19 |
| | values function | EVAL 25 |
| The Standard Choose Variable | Values | Function MENUS 61 |
| Debugger functions to return | values in current stack frame | DEBUG 13 |
| Choose Variable | Values | Menu TAPE 14 |
| Displaying multiple | values of a function | SCROLL 6 |
| Examining | values of instance variables | DEBUG 13 |
| | Values of Pathname Components | FILE 7 |
| | values of variables | MENUS 57 |
| Modifying | Values | Returned STR 82, FILE 25 |
| Defining Choose Variable | Values | Types MENUS 69 |
| | values variable | TOOLS 91, DEBUG 20 |
| Defining a Choose Variable | Values | Window MENUS 71 |
| I/O Buffers for Choose Variable | Values | Windows MENUS 72 |
| | values-list function | EVAL 25 |
| | Vanilla Flavor | FLAV 47 |
| :operation-handled-p method for si: | vanilla-flavor | TOOLS 133 |
| :which-operations method for si: | vanilla-flavor | TOOLS 133 |
| | vanilla-flavor flavor | FLAV 19 |
| | vanilla-flavor flavor | FLAV 47, TOOLS 131, TOOLS 131 |
| | si: | vanilla-flavor methods TOOLS |
| | * | variable MISCF 8 |
| | ** | variable MISCF 8 |
| | *** | variable MISCF 8 |
| | + | variable MISCF 8 |
| | ++ | variable MISCF 8 |
| | +++ | variable MISCF 8 |
| | - | variable MISCF 8 |
| | // | variable MISCF 8 |
| :auto value of zwei:*converse-mode* | variable | CONV 7 |
| :notify value of zwei:*converse-mode* | variable | CONV 7 |

| | | |
|---|--|-----------------|
| | :notify-with-message value of zwei:*converse-mode* | variable CONV 7 |
| | variable CONV 7 | |
| :pop-up value of zwei:*converse-mode* | variable CONV 7 | |
| *all-flavor-names* | variable FLAV 23 | |
| all-special-switch | variable COMP 11 | |
| allow-variables-in-function-position-switch | variable 3600 32, COMP 11 | |
| alphabetic-case-affects-string-comparison | variable ARR 26 | |
| applyhook | variable RN 72, DEBUG 35 | |
| area-list | variable STOR 4 | |
| area-swap-recommendations | variable 3600 29 | |
| arglist | variable FUNC 24, TOOLS 91, DEBUG 20 | |
| array-bits-per-element | variable ARR 4 | |
| array-elements-per-q | variable ARR 3 | |
| array-types | variable ARR 3 | |
| base | variable PRIM 90, MENUS 57 | |
| cdr-error | variable INT 21 | |
| cdr-next | variable INT 21 | |
| cdr-nil | variable INT 21 | |
| cdr-normal | variable INT 21 | |
| %ch-char | variable STR 4 | |
| %ch-font | variable STR 4 | |
| chaos:dat-op | variable PROT 91 | |
| chaos:eof-op | variable PROT 91 | |
| chaos:server-alist | variable NETIO 86 | |
| cl:*read-default-float-format* | variable RN 17, PRIM 95 | |
| compiled-function-area | variable 3600 29, STOR 5 | |
| compiler:compiler-verbose | variable COMP 11 | |
| compiler:functions-defined | variable COMP 15 | |
| compiler:functions-referenced | variable COMP 15 | |
| constants-area | variable 3600 29, STOR 5 | |
| current-process | variable PROC 3, 4 | |
| dbg:*debug-io-override* | variable RN 74, DEBUG 14, STR 18 | |
| dbg:*defer-package-dwim* | variable DEBUG 14 | |
| dbg:*frame* | variable DEBUG 13 | |
| dbg:*interactive-handlers* | variable COND 31 | |
| dbg:*proceed-type-special-keys* | variable COND 48 | |
| dbg:*show-backtrace* | variable DEBUG 14 | |
| dbg:*special-command-special-keys* | variable COND 48 | |
| debug-io | variable STR 18 | |
| default-cons-area | variable STOR 1, 2, 4, 6 | |
| error-output | variable STR 18 | |
| evalhook | variable DEBUG 33 | |
| fal-temp-area | variable 3600 29 | |
| fasl-table-area | variable 3600 29 | |
| format:*format-output* | variable RN 56 | |
| fs:%file-asynchronous-mark-opcode | variable PROT 91 | |
| fs:%file-notification-opcode | variable PROT 91 | |
| fs:*default-pathname-defaults* | variable FILE 15 | |
| fs:*file-type-mode-alist* | variable FILE 19 | |
| fs:*its-uninteresting-types* | variable FILE 49 | |
| fs:*known-types* | variable FILE 15 | |
| fs:*remember-passwords* | variable RN 70, STR 70 | |
| *fs:file-type-mode-alist* Lisp | variable ZMACS 182 | |
| fs:load-pathname-defaults | variable FILE 15 | |
| gc-on | variable RN 73, STOR 7 | |
| gc-table-area | variable 3600 29 | |
| ibase | variable PRIM 94, 99, MENUS 57 | |
| ibase global | variable ZMACS 128 | |
| ignore | variable COMP 15 | |
| inhibit-fdefine-warnings | variable FUNC 16 | |
| inhibit-idle-scavenging-flag | variable RN 148 | |
| inhibit-scavenging-flag | variable INT 28 | |
| inhibit-scheduling-flag | variable PROC 4 | |
| inhibit-style-warnings-switch | variable COMP 11 | |
| init-list-area | variable 3600 29 | |
| %%kbd-char | variable STR 4 | |
| %%kbd-control | variable STR 4 | |
| %%kbd-control-meta | variable STR 4 | |

| | | |
|--|----------|-----------------------------|
| %%kbd-hyper | variable | STR 4 |
| %%kbd-meta | variable | STR 4 |
| %%kbd-mouse | variable | STR 5 |
| %%kbd-mouse-button | variable | STR 5 |
| %%kbd-mouse-n-clicks | variable | STR 5 |
| %%kbd-super | variable | STR 4 |
| lambda-list-keywords | variable | FUNC 15 |
| lisp-crash-list | variable | MISCF 9 |
| Local | variable | EVAL 3 |
| logout-list | variable | MISCF 12 |
| macro-compiled-program | variable | 3600 29 |
| %mar-high | variable | INT 28 |
| %mar-low | variable | INT 28 |
| %microcode-version-number | variable | INT 27 |
| Monitoring the value of a | variable | DEBUG 27 |
| net:*local-host* | variable | PROT 26 |
| net:*local-site* | variable | PROT 26 |
| net:*namespace* | variable | PROT 27 |
| net:*namespace-search-list* | variable | PROT 27 |
| net:after-network-initialization-list | variable | PROT 78 |
| net:finger-location | variable | NETIO 85 |
| neti:*interfaces* | variable | PROT 70 |
| neti:*invoke-service-automatic-retry* | variable | PROT 39 |
| neti:*local-networks* | variable | PROT 78 |
| neti:*servers* | variable | PROT 81, 83 |
| *nonpoint | variable | MENUS 57 |
| *nopoint | variable | PRIM 90 |
| obsolete-function-warning-switch | variable | COMP 10 |
| obt-tails | variable | 3600 29 |
| open-code-map-switch | variable | COMP 11 |
| package | variable | PKG 13, 31, MENUS 57 |
| permanent-storage-area | variable | STOR 4 |
| physical-page-data | variable | 3600 29 |
| pkg-global-package | variable | PKG 50 |
| pkg-keyword-package | variable | PKG 50 |
| pkg-system-package | variable | PKG 50 |
| pname-area | variable | 3600 29, STOR 5 |
| prin1 | variable | MISCF 8 |
| prinlength | variable | PRIM 92 |
| prinlevel | variable | PRIM 92, MENUS 57 |
| property-list-area | variable | STOR 5 |
| %%q-all-but-cdr-code | variable | INT 21 |
| %%q-all-but-pointer | variable | INT 21 |
| %%q-all-but-typed-pointer | variable | INT 21 |
| %%q-cdr-code | variable | INT 20 |
| %%q-data-type | variable | INT 20 |
| q-data-types | variable | 3600 20 |
| %%q-fixnum | variable | 3600 21 |
| %%q-flag-bit | variable | 3600 21, INT 20 |
| %%q-high-half | variable | 3600 21, INT 21 |
| %%q-high-type | variable | 3600 21 |
| %%q-low-half | variable | 3600 21, INT 21 |
| %%q-pointer | variable | 3600 21, INT 20 |
| %%q-pointer-within-page | variable | INT 20 |
| %%q-typed-pointer | variable | INT 20 |
| query-io | variable | TOOLS 128, 129, STR 18 |
| read-preserve-delimiters | variable | PRIM 110 |
| readtable | variable | MISCF 7, PRIM 104, MENUS 57 |
| room | variable | STOR 15 |
| rubout-handler | variable | STR 46 |
| run-in-maclisp-switch | variable | 3600 32, COMP 10, 23 |
| self | variable | 3600 17, FLAV 30 |
| Set | Variable | ZMACS 194 |
| si:*automatically-recover-from-hung-disks* | variable | INT 64 |
| si:*batch-mode-p* | variable | MAINT 21 |
| si:*count-disk-device-checks* | variable | INT 67 |
| si:*count-disk-ecc-errors* | variable | INT 67 |
| si:*count-disk-errors-lost* | variable | INT 67 |

| | | |
|--|----------|-------------------|
| si:*count-disk-hung-restarts* | variable | INT 67 |
| si:*count-disk-not-ready* | variable | INT 67 |
| si:*count-disk-other-errors* | variable | INT 67 |
| si:*count-disk-overruns* | variable | INT 67 |
| si:*count-disk-search-errors* | variable | INT 67 |
| si:*count-disk-peek-errors* | variable | INT 67 |
| si:*count-disk-select-errors* | variable | INT 67 |
| si:*count-disk-state-machine-errors* | variable | INT 67 |
| si:*count-disk-stops-lost* | variable | INT 67 |
| si:*count-total-disk-errors* | variable | INT 67 |
| si:*file-transformation-function* | variable | MAINT 21 |
| si:*flavor-compilations* | variable | FLAV 33 |
| si:*flavor-compile-trace* | variable | FLAV 33 |
| si:*full-gc-for-system-release* | variable | STOR 8 |
| si:*make-system-forms-to-be-evald-after* | variable | MAINT 21 |
| si:*make-system-forms-to-be-evald-before* | variable | MAINT 21 |
| si:*make-system-forms-to-be-evald-finally* | variable | MAINT 21 |
| si:*n-disk-retries* | variable | INT 62, 64 |
| si:*print-object-error-message* | variable | COND 63 |
| si:*query-type* | variable | MAINT 21 |
| si:*read-extended-ibase-signed-number* | variable | RN 20, PRIM 97 |
| si:*read-extended-ibase-unsigned-number* | variable | RN 19, PRIM 96 |
| si:*read-multi-dot-tokens-as-symbols* | variable | PRIM 98 |
| si:*redo-all* | variable | MAINT 21 |
| si:*signal-disk-errors-from-enqueue-p* | variable | INT 64 |
| si:*silent-p* | variable | MAINT 21 |
| si:*system-being-defined* | variable | MAINT 23 |
| si:*system-being-made* | variable | MAINT 21 |
| si:*top-level-transformations* | variable | MAINT 21 |
| si:*trace-bar-p* | variable | RN 97, DEBUG 23 |
| si:*trace-bar-rate* | variable | RN 97, DEBUG 23 |
| si:*trace-columns-per-level* | variable | RN 97, DEBUG 23 |
| si:*trace-old-style* | variable | RN 97, DEBUG 23 |
| si:*user* | variable | PROT 26 |
| si:advised-functions | variable | DEBUG 27 |
| si:current-loaded-band | variable | SIG 43 |
| si:disk-array-area | variable | INT 57 |
| si:disk-block-length-in-bytes | variable | INT 56 |
| si:disk-pack-name | variable | SIG 43 |
| si:disk-sector-data-size32 | variable | INT 56 |
| si:encapsulated-function | variable | FUNC 24 |
| si:encapsulation-standard-order | variable | FUNC 27 |
| si:gc-area-reclaim-report | variable | STOR 10 |
| si:gc-flip-inhibit-time-until-warning | variable | STOR 12 |
| si:gc-flip-minimum-ratio | variable | STOR 11 |
| si:gc-flip-ratio | variable | STOR 10 |
| si:gc-reclaim-immediately | variable | RN 148, STOR 11 |
| si:gc-reclaim-immediately-if-necessary | variable | STOR 11 |
| si:gc-report-stream | variable | STOR 10 |
| si:gc-warning-ratio | variable | STOR 10 |
| si:gc-warning-threshold | variable | STOR 10 |
| si:initial-process | variable | PROC 6 |
| si:initial-readtable | variable | MISCF 7, PRIM 104 |
| si:initialization-keywords | variable | INIT 3 |
| si:login-history | variable | SITE 22 |
| si:loop-use-system-destructuring? | variable | FLOW 50 |
| si:pkg-area | variable | STOR 5 |
| si:print-readably | variable | PRIM 92 |
| si:site-initialization-list | variable | SIG 36 |
| si:system-additional-info | variable | SIG 37 |
| si:site-name | variable | MISCF 12, PROT 28 |
| si:standard-input | variable | STR 17 |
| si:standard-output | variable | TOOLS 68, STR 18 |
| si:supplied-p | variable | EVAL 11 |
| si:symbol-area | variable | 3600 29, STOR 5 |
| sys:%chaos-csr-address | variable | INT 28 |
| sys:%current-stack-group | variable | INT 4 |
| sys:%current-stack-group-calling-args-number | variable | INT 27 |

Symbolics, Inc. March 1984

| | | |
|--|----------|--|
| sys:%current-stack-group-calling-args-pointer | variable | INT 27 |
| sys:%current-stack-group-previous-stack-group | variable | INT 3 |
| sys:%current-stack-group-state | variable | INT 27 |
| sys:%disk-blocks-per-cylinder | variable | INT 29 |
| sys:%disk-blocks-per-track | variable | INT 29 |
| sys:%disk-run-light | variable | INT 29 |
| sys:%error-handler-stack-group | variable | INT 28 |
| sys:%gc-flip-ready | variable | INT 28 |
| sys:%gc-generation-number | variable | INT 28 |
| sys:%inhibit-read-only | variable | INT 28 |
| sys:%initial-fef | variable | INT 27 |
| sys:%initial-stack-group | variable | INT 27 |
| sys:%loaded-band | variable | INT 29 |
| sys:%meter-buffer-pointer | variable | INT 29 |
| sys:%meter-disk-address | variable | INT 29 |
| sys:%meter-disk-count | variable | INT 29 |
| sys:%meter-global-enable | variable | INT 29 |
| sys:%number-of-micro-entries | variable | INT 27 |
| sys:%page-cons-alarm | variable | INT 28 |
| sys:%read-compare-enables | variable | INT 29 |
| sys:%region-cons-alarm | variable | INT 28 |
| sys:%scheduler-stack-group | variable | INT 28 |
| sys:%trap-micro-pc | variable | INT 27 |
| sys:*break-bindings* | variable | MISCF 9 |
| sys:*data-types* | variable | 3600 20, INT 12 |
| sys:a-memory-counter-block-names | variable | INT 33 |
| sys:a-memory-location-names | variable | INT 29 |
| sys:active-processes | variable | PROC 6 |
| sys:all-processes | variable | PROC 6 |
| sys:clock-function-list | variable | PROC 5 |
| sys:currently-prepared-sheet | variable | INT 29 |
| sys:dump-forms-to-file | variable | 3600 32 |
| sys:fasl-constants-area | variable | 3600 29 |
| sys:fdefine-file-pathname | variable | FUNC 18 |
| sys:file-local-declarations | variable | COMP 15 |
| sys:init-list-area | variable | 3600 29 |
| sys:mouse-x-scale-array | variable | RN 100, WINDOC 73 |
| sys:mouse-y-scale-array | variable | RN 101, WINDOC 75 |
| sys:nr-sym | variable | 3600 29 |
| sys:number-cons-area | variable | INT 27 |
| sys:p-n-string | variable | 3600 29 |
| sys:scheduler-stack-group | variable | PROC 5 |
| system-communication-area | variable | 3600 29 |
| terminal-io | variable | TOOLS 14, 103, WINDOC 2, STR 18, INT 6 |
| time:*timezone* | variable | MISCUI 7 |
| trace-compile-flag | variable | DEBUG 23 |
| trace-conditions | variable | COND 43 |
| trace-output | variable | STR 18 |
| tv:**constraint-node** | variable | WINDOC 93 |
| tv:**constraint-remaining-height** | variable | WINDOC 93 |
| tv:**constraint-remaining-width** | variable | WINDOC 93 |
| tv:**constraint-stacking** | variable | WINDOC 93 |
| tv:**constraint-total-height** | variable | WINDOC 93 |
| tv:**constraint-total-width** | variable | WINDOC 93 |
| tv:*escape-keys* | variable | WINDOC 52 |
| tv:*mouse-incrementing-keystates* | variable | RN 103, WINDOC 76 |
| tv:*mouse-modifying-keystates* | variable | RN 103, WINDOC 76 |
| tv:*system-keys* | variable | WINDOC 53 |
| tv:alu-and | variable | WINDOC 34 |
| tv:alu-andca | variable | WINDOC 34 |
| tv:alu-lor | variable | WINDOC 34 |
| tv:alu-seta | variable | WINDOC 34 |
| tv:alu-xor | variable | WINDOC 34, 39 |
| tv:cold-load-stream-old-selected-window | variable | RN 74, WINDOC 17 |
| tv:column-spec-list | variable | MENUS 36 |
| tv:item-list-pointer | variable | MENUS 35 |
| tv:kbd-intercepted-characters | variable | WINDOC 41 |
| tv:kbd-tyl-hook | variable | WINDOC 41, 52 |

| | | |
|--|----------------------------|--|
| tv:mouse-double-click-time | variable | RN 103, WINDOC 76 |
| tv:mouse-last-buttons | variable | WINDOC 71, WINDEX 57, 59 |
| tv:mouse-sheet | variable | WINDEX 59 |
| tv:mouse-x | variable | WINDOC 71, WINDEX 59 |
| tv:mouse-y | variable | WINDOC 71, WINDEX 59 |
| tv:restored-bits-p | variable | WINDEX 8 |
| tv:rh-typeout-default | variable | RN 65, WINDOC 50 |
| tv:screen-manage-update-permitted-windows | variable | WINDOC 17 |
| tv:scroll-item-leader-offset | variable | SCROLL 11 |
| tv:selected-window | variable | WINDOC 17 |
| tv:who-line-mouse-grabbed-documentation | variable | WINDOC 73 |
| typical-variable | variable | NOTA 3 |
| user-id | variable | MISCF 12 |
| values | variable | TOOLS 91, DEBUG 20 |
| working-storage-area | variable | STOR 4 |
| zunderflow | variable | PRIM 62 |
| zwei:*comtab* | variable | MISCUI 23 |
| zwei:*converse-append-p* | variable | CONV 7 |
| zwei:*converse-beep-count* | variable | CONV 8 |
| zwei:*converse-end-exits* | variable | RN 116, CONV 8 |
| zwei:*converse-mode* | variable | CONV 7 |
| zwei:*history-menu-length* | variable | INED 17 |
| zwei:*history-rotate-if-numeric-arg* | variable | INED 3, 9, 17 |
| zwei:*history-yank-wraparound* | variable | INED 17 |
| zwei:*major-mode-translations* Lisp | variable | ZMACS 182 |
| zwei:*set-attribute-update-list* global | variable | ZMACS 128 |
| zwei:*set-attribute-updates-list* | variable | RN 126 |
| | Set | Variable (m-X) command INED 17 |
| | Describe | Variable (m-X) Zmacs command ZMACS 193 |
| | Set | Variable (m-X) Zmacs command ZMACS 194 |
| | | Variable Apropos ZMACS 193 |
| | | Variable Apropos Zmacs command ZMACS 193 |
| | Describe | Variable At Point ZMACS 38 |
| | Describe | Variable At Point (c-sh-V) TOOLS 35 |
| c-sh-V (Describe) | Variable | At Point) TOOLS 35 |
| | Dynamic | variable binding INT 1 |
| | Special | variable binding instructions INT 52 |
| | Unbound closure | variable error COND 53 |
| | Unbound instance | variable error COND 53 |
| | Instance | variable errors COND 58 |
| | Unbound | variable errors COND 53 |
| | | Variable Monitoring DEBUG 39 |
| | | Variable of iteration FLOW 37 |
| | Instance | variable out-of-bounds COND 61 |
| | Concatenating constant and | variable output STR 37 |
| | How to Specify Zmacs | Variable Settings ZMACS 193 |
| :assoc | variable type | MENUS 59 |
| :boolean | variable type | MENUS 59 |
| :character | variable type | MENUS 59 |
| :character-or-nil | variable type | MENUS 59 |
| :choose | variable type | MENUS 59 |
| :date | variable type | MENUS 59 |
| :date-or-never | variable type | MENUS 59 |
| :decimal-number | variable type | MENUS 59 |
| :decimal-number-or-nil | variable type | MENUS 59 |
| :font-list | variable type | MENUS 59 |
| :host | variable type | MENUS 59 |
| :host-list | variable type | MENUS 59 |
| :keyword-list | variable type | MENUS 59 |
| :menu-alist | variable type | MENUS 59 |
| :number | variable type | MENUS 59 |
| :number-or-nil | variable type | MENUS 59 |
| :past-date | variable type | MENUS 59 |
| :pathname | variable type | MENUS 59 |
| :pathname-host | variable type | MENUS 59 |
| :pathname-list | variable type | MENUS 59 |
| :pathname-or-nil | variable type | MENUS 59 |
| :princ | variable type | MENUS 59 |

- :sexp** variable type MENU 59
- :string** variable type MENU 59
- :string-list** variable type MENU 59
- :string-or-nil** variable type MENU 59
- :time-interval-or-never** variable type MENU 59
- Predefined Variable Types MENU 59
- Choose Variable Values MENU 2, TAPE 17
- The Choose Variable Values Facility MENU 57
- The Basic Choose Variable Values Flavor MENU 72
- Instantiable Choose Variable Values Flavors MENU 72
- The Standard Choose Variable Values Function MENU 61
- Choose Variable Values Menu TAPE 14
- Defining Choose Variable Values Types MENU 69
- Defining a Choose Variable Values Window MENU 71
- I/O Buffers for Choose Variable Values Windows MENU 72
- variable-boundp** special form PRIM 54
- variable-choice** I/O buffer command MENU 72
- variable-location** special form PRIM 55
- variable-makunbound** special form PRIM 54
- Variable-monitoring feature 3600 32
- Variable-width fonts WINDOC 23, 58
- New variable: **cl:*read-default-float-format*** RN 17
- New variable: **dbg:*debug-io-override*** RN 74
- New variable: **fs:*remember-passwords*** RN 70
- New variable: **gc-on** RN 73
- New variable: **tv:*mouse-modifying-keystates*** RN 102
- New variable:
tv:cold-load-stream-old-selected-window RN 74
- New variable: **tv:rh-typeout-default** RN 65
- Variables PROT 26
- Area Functions and Variables STOR 2
- &aux** variables INT 47
- Binding variables FUNC 31
- Binding special variables STR 74
- Compiler variables COMP 15
- Converse variables CONV 7
- Customization Variables INED 17
- Decrementing generalized variables MAC 37
- Default values for instance variables FLAV 13, 19
- Defining special variables EVAL 9
- Disk Error Variables INT 64
- Effect of compiler on variables EVAL 3
- Examining values of instance variables DEBUG 13
- Functions for Altering User Option Variables MENU 67
- Functions for Defining User Option Variables MENU 66
- Generalized Variables MAC 35
- Global variables EVAL 3, INT 1
- Identifying callers of variables MISC 1
- Incrementing generalized variables MAC 37
- Initializing instance variables FLAV 13, 25, 49
- Instance variables FLAV 5, 11, 35, 55, COND 7, TOOLS 105, 114, 117, WINDOC 2
- Internal variables NOTA 1
- Iteration variables FLOW 51
- Local variables 3600 25, FUNC 31, INT 40
- Locating generalized variables MAC 35
- Memory word field variables INT 20
- Metering system variables INT 27
- Microcode Variables INT 27
- Modifying values of variables MENU 57
- Package Functions, Special Forms, and Variables PKG 31
- Pathname special variables FILE 13
- Setting variables EVAL 3
- Software Installation Functions and Variables SIG 27
- Special variables EVAL 3, FUNC 31, COMP 6, 11
- Special Forms for Dealing with Variables PRIM 55
- Stepping variables FLOW 51

- Top level functions and Updating generalized Value of instance Zmacs List
 - variables LMS 20
 - variables MAC 35
 - variables FLAV 32
 - variables ZMACS 12, 36
 - Variables (m-X) Zmacs command ZMACS 193
 - Variables and Types MENUS 57
 - Variables at Lisp Top Level LMS 20
 - variables feature FLAV 5
 - Variables in lambda lists EVAL 11
 - Variables in scratchpad memory INT 27
 - :variables** init option for
 - tv:basic-choose-variable-values** MENUS 74
- Instance
 - variables of combined flavors FLAV 19
 - Variables: Evaluation EVAL 3
- Previously undocumented
 - variables: **sys:mouse-x-scale-array** and **sys:mouse-y-scale-array** (LM-2 only) RN 100
- Compiler Does Not Support
 - Conn_st_closed
 - Various Switches 3600 32
 - VAX/VMS connection state NETIO 95
 - VAX/VMS character output NETIO 94
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS connection state NETIO 95
 - VAX/VMS file system ZMAILC 35
 - The
 - Vax/VMS Implementation NETIO 92
 - Vax/VMS Implementation Packet Input and Output NETIO 94
 - Vax/VMS Implementation Stream Input and Output NETIO 94
 - VAX/VMS mail file format ZMAILC 34
 - VAX/VMS pathname abbreviations FILE 44
- UNIBUS Interrupt Evaluate Region
 - vector numbers NETIO 109
 - Verbose ZMACS 160, 161
 - :verbose** option for **load-patches** MAINT 33
 - :verbose** option for **print-herald** RN 39
 - :verify** option for window size and position messages WINDOC 77
 - time:**
 - verify-date** function MISCUI 7
 - sl:**
 - verify-fep-file-system** function INT 84
 - Verifying a backup tape SITE 10
 - Verifying a FEP File System INT 84
- Both default pathnames for Source Compare (m-X) now use **:newest** version RN 123
 - Default
 - version FILE 13
 - FEP
 - version NETIO 1
 - FEP software
 - version NETIO 6
 - Major
 - version MAINT 30
 - Minor
 - version MAINT 30
 - Selecting microcode
 - version TAPE 14
 - Introduction: Pocket Calculator,
 - Version 1 WINDEX 6
 - Pocket Calculator,
 - Version 1 WINDEX 5
 - Source Code: Pocket Calculator,
 - Version 1 WINDEX 10
 - FEP
 - Version 14: New Features RN 133
 - FEP
 - Version 15: Improvements RN 135
 - FEP
 - Version 15: Incompatible Changes RN 133
 - FEP
 - Version 15: New Features RN 135
 - FEP
 - Version 16: Improvements RN 137
 - FEP
 - Version 16: New Features RN 136
 - FEP
 - Version 17: Improvements RN 140
 - FEP
 - Version 18: Improvements RN 140
 - Introduction: Pocket Calculator,
 - Version 2 WINDEX 24
 - Pocket Calculator,
 - Version 2 WINDEX 23
 - Source Code: Pocket Calculator,
 - Version 2 WINDEX 25
 - Introduction: Pocket Calculator,
 - Version 3 WINDEX 30

Pocket Calculator, Version 3 WINDEX 29
Source Code: Pocket Calculator, Version 3 WINDEX 32
Using the **:version** and **:update-directory** keywords MAINT 17
Show Version command NETIO 6
version descriptor file indicator PROT 21
Version generic pathname component FILE 15
Version ITS pathname component FILE 48
:version method of **fs:pathname** FILE 33
Version Now Separated by Periods RN 35
Version number INT 27
version number PROT 23
version number MAINT 27
version number MAINT 27, 34
:version option MAINT 13
:version option MAINT 13
:version option MAINT 13
:version option for **make-system** MAINT 13
version specifier FILE 48, 49
version specifier RN 35
> **:newest** version specifier FILE 48, 49
> newest version specifier RN 35
Version TENEX pathname component FILE 46
Version TOPS-20 pathname component FILE 46
version-directory file MAINT 30
:version-wild-p method of **fs:pathname** FILE 39
versions ZMACS 137
Versions ZMACS 138
Versions FILE 62
versions ZMACS 102
New Default Representations for Newest and Oldest Logical Pathname
Versions RN 35
System versions MAINT 27
Concepts: Saving New Versions of World Loads SITE 17
Saving New Versions of World Loads SITE 17
eq versus **equal** PRIM 6, 7
Vertical spacing ZMACS 130, WINDOC 23
Vertical spacing between lines in menu MENUS 22,
100
:vertical stacking description WINDOC 93
Vertical-bars NOTA 1
Vertical-Tab character 3600 7
si: verticalbar syntax description RN 18, PRIM 106
Sort Via Keyboard Macros ZMACS 186
Sort Via Keyboard Macros (m-X) Zmacs
command ZMACS 100
Video resetting NETIO 7
Software Protocol--world View NETIO 41
View Buffer ZMACS 107
View Buffer (m-X) Zmacs command ZMACS 107
View Directory (m-X) TOOLS 41
View File ZMACS 137
View File (m-X) Zmacs command ZMACS 120
View File Properties ZMACS 120
View File Properties (m-X) Zmacs command ZMACS
120
View Kbd Macro (m-X) Zmacs command ZMACS
184
[View Properties] File System Editor menu
item FSED 1
View Two Windows ZMACS 117
View Two Windows (c-X 3) TOOLS 60
c-X 3 (View Two Windows) TOOLS 60
viewf function STR 68
[View] File System Editor menu item FSED 1
[Center] View] Font Editor menu item FED 25, 29
[Move] View] Font Editor menu item FED 25, 29
Virtual List Maintenance SCROLL 13
Available virtual memory STOR 15

Lisp Machine Virtual Memory FILE 72
 Virtual memory reference meters INT 30
 Virtual token NETIO 38
 Invalid virtual-memory map meters INT 30
 sys: **virtual-memory-overflow** flavor COND 57
 :blink blinker visibility WINDOC 63
 :off blinker visibility WINDOC 63
 :on blinker visibility WINDOC 63
 Deselected visibility WINDOC 63
 nil blinker visibility WINDOC 63
 t blinker visibility WINDOC 63
 :visibility init option for tv:blinker WINDOC 65
 Visibility of blinkers WINDOC 63
 Visible windows WINDOC 2, 6
 Fully visible windows WINDOC 2, 6
 Partially visible windows WINDOC 2, 13
 Typeout to partially visible windows WINDOC 13
 Visit File ZMACS 109
 Visit Tag Table (m-X) Zmacs command ZMACS 97
 Set Visited File Name (m-X) Zmacs command ZMACS
 110
 VMS RN 34, FILE 44, 54
 Directory creation on VMS RN 109
 Pathname completion on VMS RN 109
 Changes to VMS Chaosnet RN 109
 Transmission voltage NETIO 35
 Deleting vs. Killing ZMACS 62
 Set Vsp (m-X) TOOLS 11
 Set Vsp (m-X) Zmacs command ZMACS 128
 Vsp attribute WINDOC 23, 31
 Vsp file attribute ZMACS 130
 :vsp init option for tv:menu MENUS 22, 100
 :vsp init option for tv:sheet WINDOC 31
 :vsp method of tv:sheet WINDOC 31
 vt PRIM 103
 Vt character 3600 5, 7

W

W

W

FUNCTION W command RN 148
 FUNCTION 2 W displays current process name in status line RN
 148
 W Fed command RN 113
 W Peek command MISCU 3
 c-X W Zmacs command ZMACS 27
 HELP W Zmacs command ZMACS 12
 Wait PROC 1
 Wait Forever process state ZMAILT 24
 :wait option for tv:edit-namespace-object PROT 19
 Wait-argument-list PROC 3
 :wait-argument-list method of si:process PROC 16
 si: wait-for-disk-done function INT 59
 si: wait-for-disk-event function INT 59
 si: wait-for-disk-event-task function INT 59
 Wait-function PROC 3
 Process wait-function PROC 1
 :wait-function method of si:process PROC 15
 Waiting for Acknowledgement of the EOF Packet on
 Writing with QFILE PROT 109
 h-c-upper-left waits for Lisp to stop itself RN 140
 Wallpaper file MISCF 15
 Compare option to Operation Wanted [Reload/Retrieve] parameter SITE 10
 List Tape option to Operation Wanted [Reload/Retrieve] parameter SITE 10
 Operation Wanted [Reload/Retrieve] parameter SITE 10
 Reload All option to Operation Wanted [Reload/Retrieve] parameter SITE 10
 Retrieve Single Files option to Operation Wanted [Reload/Retrieve] parameter SITE 10
 Preferred Way to Warm Boot or Halt LMS 34

- Warm booting LMS 9, NETIO 5, 7
- Warm Booting the 3600 NETIO 5
- :warm** initialization list INIT 5
- :warm** option for **add-initialization** INIT 1
- Process
 - Warm-boot Action PROC 25
 - :warm-boot-action** method of **si:process** PROC 16
 - :warm-boot-action** option for **make-process** PROC 11
 - :warm-boot-action** option for **process-run-function** PROC 25
 - :warm-boot-action** option for **process-run-restartable-function** function PROC 25
- Controlling
 - warning messages COMP 15
 - Warning switches COMP 10
 - warnings TOOLS 60, 65, 73
 - Warnings COMP 15
 - warnings STOR 9
 - Warnings (m-X) TOOLS 75
 - Warnings (m-X) TOOLS 75
 - Warnings (m-X) TOOLS 75
 - Warnings (m-X) Zmacs command ZMACS 163, COMP 13
 - Warnings (m-X) Zmacs command ZMACS 163, COMP 13
 - Warnings (m-X) Zmacs command ZMACS 163, COMP 13
 - Warnings (m-X) Zmacs command ZMACS 163, COMP 13
 - Warnings about file attribute lists ZMACS 126
 - Warnings Database COMP 13
 - warnings database COMP 13
 - warnings database COMP 13
 - Warnings from the compiler COMP 15
 - warns about implicit **progn**s in **loops** RN 82
 - Way to Warm Boot or Halt LMS 34
 - week MISCUI 1
 - What a Closure is FUNC 31
 - What happens when you cold boot RN 143
 - What is a Function? FUNC 1
 - What is a Handler? COND 9
 - What is a Region? ZMACS 74
 - What Streams Are STR 9
 - What the Lines Mean FED 13
 - What the Printer Produces PRIM 89
 - What the Reader Accepts PRIM 93
 - What to Do After Reading a Message ZMAILT 12
 - what-files-call** function MISC F 1, TOOLS 35
 - when** clause FLOW 45
 - when done dump parameter SITE 5
 - when done dump parameter SITE 5
 - when done dump parameter SITE 5
 - when done dump parameter SITE 5
 - when done dump parameter SITE 5
 - When Garbage Collection Happens STOR 9
 - when** keyword FLOW 45
 - when** macro FLOW 5
 - When Saving ZMACS 195
 - when you cannot cold boot LMS 5
 - when you cold boot RN 143
 - Where Am I ZMACS 37
 - Where Am I ZMACS 37
 - Where Is Symbol (m-X) TOOLS 34
 - Where Is Symbol (m-X) Zmacs command PKG 5
 - where-is** eliminated RN 7
 - where-is** function RN 7, MISC F 2, PKG 5, 46, 57, TOOLS 34
 - :wherein** option to **trace** TOOLS 89, DEBUG 20
 - [Wherein] menu item TOOLS 89
- Leave option to Tape
- Offline option to Tape
- Query option to Tape
- Rewind option to Tape
- Tape
- Controlling
 - Check Unbalanced Parentheses
 - Cold boot
 - What happens
- Fast
 - Optional argument to **mapatoms-all** and

- Using the CONTROL key
- Using the META key
- Hash table considerations
- Trim leading and trailing
 - si:
 - :which-operations** message FLAV 47, STR 10
 - :which-operations** messages DEFS 23
 - :which-operations** method for
 - si:vanilla-flavor TOOLS 133
 - :which-operations** symbol COND 40
 - while** clause FLOW 44
 - while drawing characters FED 11
 - while drawing characters FED 11
 - while** keyword FLOW 44
 - while using multiprocessing PRIM 42
 - :white** pattern in dummy description WINDOC 93
 - white space RN 62, PRIM 111
 - whitespace** syntax description RN 18, PRIM 106
 - who-am-I** request SIG 2
 - who-am-I** Service PROT 62
 - who-calls** function MISC 1, FUNC 10, TOOLS 35
 - :who-line** option for **net:define-server** PROT 50
 - :who-line** property PROT 81
 - :who-line-documentation-string** message WINDEX 17
 - :who-line-documentation-string** method TOOLS 121
 - :who-line-documentation-string** method of
 - tv:sheet WINDEX 18
 - tv:
 - who-line-mouse-grabbed-documentation** variable WINDOC 73
 - who-uses** function MISC 1
- Mark
 - Whole ZMACS 81
- Mark
 - Whole (c-X H) TOOLS 59
- Motion with Respect to the
 - c-X H (Mark
 - Whole Buffer ZMACS 60
 - Whole) TOOLS 59
 - Whoppers TOOLS 110
- Creating
 - whoppers FLAV 27
- Defining
 - whoppers FLAV 27
- Order of application of
 - whoppers FLAV 27
 - Whoppers facility FLAV 27
- Finding Out
 - :whostate** method of **si:process** PROC 16
 - Why Your Machine Crashed NETIO 14
 - WHYINT system call NETIO 75
 - Wide characters 3600 19
 - Wide Configuration FED 5
 - Wide fonts WINDOC 59
- Blinker
 - width WINDOC 58, 61
- Border margin
 - width WINDOC 83
- Character
 - width WINDOC 23, 58, 61, FED 13
- Raster
 - width WINDOC 59, 62
- Set Tab
 - Width (m-X) TOOLS 11
- Set Tab
 - Width (m-X) Zmacs command ZMACS 128
- bitbit
 - width from the destination array RN 145
 - :width** init option for
 - tv:choose-variable-values MENUS 62
 - :width** init option for **tv:menu** MENUS 100
 - :width** init option for
 - tv:rectangular-blinker WINDOC 66
 - :width** init option for **tv:sheet** WINDOC 78
 - Width of **:function** line item SCROLL 6
 - Width of **:symeval** line item SCROLL 6
 - :wild** keyword FILE 19
 - Wild pathname translation RN 35, FILE 50
 - wild pathname translation RN 35, FILE 50
 - :wild-inferiors** RN 120
 - :wild-p** method of **fs:pathname** FILE 39
 - Wildcard PROT 27
 - [Wildcard Delete] File System Editor menu item FSED 1
 - Wildcard Directory Mapping FILE 21
 - Wildcard Directory Mapping Available RN 92
 - Wildcard Pathname Mapping FILE 19

- ** accordion
- fs:
 - Accordion
 - LMFS Accordion
 - LMFS Dumper Supports Accordion
- R
 - Activate window MENUS 97
 - Available space in transmit window NETIO 81
 - Choose-variable-values window TOOLS 116, 121
 - Complement window RN 113
 - Defining a Choose Variable Values Window MENUS 71
 - Delete contents of window RN 44, WINDOC 28
 - Delete to end of window RN 44, WINDOC 28
 - Editor Window ZMACS 15
 - Erase window RN 44, WINDOC 28
 - Erase to end of window RN 44, WINDOC 28
 - Expose window MENUS 98
 - Exposing menu window MENUS 23
 - Grow Window ZMACS 117
 - Headers window ZMAILT 13
 - Inferior timeout window WINDEX 77
 - Inspector window MISCT 1
 - Mail window ZMAILT 13, 42
 - Main Zmail window ZMAILC 3, 5
 - Message window ZMAILT 3, 6, 13, 42, ZMAILC 5
 - Mouse documentation window SCROLL 9
 - Number of packet slots available in output window NETIO 81
 - Number of packet slots available in transmit window NETIO 95
 - One Window ZMACS 118
 - Other Window ZMACS 118
 - Position of window WINDOC 19
 - Recenter Window ZMACS 47
 - Redisplaying the Window ZMACS 47
 - Reposition Window ZMACS 48
 - Return to previous window ZMACS 30
 - Scroll Other Window ZMACS 118
 - Scrolling summary window ZMAILT 13
 - Simple momentary window MENUS 23
 - Size of window WINDOC 19, 80
 - Summary window ZMAILT 3, 11, 44, ZMAILC 5
 - Superior window WINDOC 3, 5
 - Text scroll window WINDEX 30
 - The Selected Window WINDOC 17
 - Timeout window ZMACS 15, 34
 - User options window ZMAILC 7, 21
 - Using the mouse to scroll the message window ZMAILT 11
 - Using the mouse with multiple choice window MENUS 51
 - Scroll Other Window (c-m-v) TOOLS 60
 - One Window (c-X 1) TOOLS 60
 - Other Window (c-X 0) TOOLS 60
 - Display status of window area MISCU 3
 - Positioning Window Around Definition ZMACS 48
 - Window attributes WINDOC 23
 - Window by the mouse WINDOC 67
 - Window Commands ZMACS 117
 - Window corners WINDEX 16
 - Window Default ZMACS 194
 - Window filters ZMAILC 10
 - tv: window flavor TOOLS 104, 107, 108, 109, TOOLS 104, 107, 108, 109, WINDOC 21, 41, WINDEX 6
 - Window flavors WINDOC 21
 - Window frame MENUS 31
 - Window inside WINDOC 19, 77, 83
 - Window into the set of packet numbers NETIO 50
- Wildcard pathnames FILE 19
- wildcard specification RN 120
- wildcard-not-allowed flavor COND 69
- wildcards RN 1
- Wildcards RN 120
- Wildcards RN 119
- WIN T window size for outgoing half of this connection NETIO 77
- WIN window size for incoming half of this connection NETIO 77
- Window MENUS 97
- Window NETIO 81
- Window TOOLS 116, 121
- Window RN 113
- Window MENUS 71
- Window RN 44, WINDOC 28
- Window RN 44, WINDOC 28
- Window ZMACS 15
- Window RN 44, WINDOC 28
- Window RN 44, WINDOC 28
- Window MENUS 98
- Window MENUS 23
- Window ZMACS 117
- Window ZMAILT 13
- Window WINDEX 77
- Window MISCT 1
- Window ZMAILT 13, 42
- Window ZMAILC 3, 5
- Window ZMAILT 3, 6, 13, 42, ZMAILC 5
- Window SCROLL 9
- Window NETIO 81
- Window NETIO 95
- Window ZMACS 118
- Window ZMACS 118
- Window WINDOC 19
- Window ZMACS 47
- Window ZMACS 47
- Window ZMACS 48
- Window ZMACS 30
- Window ZMACS 118
- Window ZMAILT 13
- Window MENUS 23
- Window WINDOC 19, 80
- Window ZMAILT 3, 11, 44, ZMAILC 5
- Window WINDOC 3, 5
- Window WINDEX 30
- Window WINDOC 17
- Window ZMACS 15, 34
- Window ZMAILC 7, 21
- Window ZMAILT 11
- Window MENUS 51
- Window (c-m-v) TOOLS 60
- Window (c-X 1) TOOLS 60
- Window (c-X 0) TOOLS 60
- Window area MISCU 3
- Window Around Definition ZMACS 48
- Window attributes WINDOC 23
- Window by the mouse WINDOC 67
- Window Commands ZMACS 117
- Window corners WINDEX 16
- Window Default ZMACS 194
- Window filters ZMAILC 10
- Window flavor TOOLS 104, 107, 108, 109, TOOLS 104, 107, 108, 109, WINDOC 21, 41, WINDEX 6
- Window flavors WINDOC 21
- Window frame MENUS 31
- Window inside WINDOC 19, 77, 83
- Window into the set of packet numbers NETIO 50

- One-window reply
- Reply
- Two
- Two-windows reply
- Yank reply
- Zero
- Inspector
- Multiple choice
- Message
- Summary
- Change In
- Receive
- Set the receive
- Transmit
- :verify** option for
- nll option for
- R WIN
- WIN T
- Window margin WINDOC 19, 77, 83
- window mode ZMAILT 35
- window mode ZMAILT 35
- window mode ZMACS 117
- window mode ZMAILT 35
- window mode ZMAILT 35
- window mode ZMAILT 42
- Window name MENUS 99
- :window** option for
 - zwei:open-editor-stream** MISCUI 20
- :window** option for
 - zwei:with-editor-stream** MISCUI 20
- Window panes WINDOC 3
- window panes WINDOC 3
- window parameters MENUS 51, 55
- Window position init options WINDOC 77
- Window position messages WINDOC 77
- window scrolling ZMAILC 5
- window scrolling ZMAILC 5
- window shape WINDOC 87
- window size NETIO 75, 81
- window size NETIO 81
- window size NETIO 75, 81
- window size and position messages WINDOC 77
- window size and position messages WINDOC 77
- window size for incoming half of this connection NETIO 77
- window size for outgoing half of this connection NETIO 77
- Window size in the receive direction NETIO 95
- Window size in the transmit direction NETIO 95
- Window size init options WINDOC 77
- Window size messages WINDOC 77
- Window System WINDOC 1
- Window System WINDOC 1
- Window System WINDOC 1
- Window System WINDOC 1
- Window System WINDOC 75
- Window System Changes Associated with Mouse Input RN 40
- Keyboard under
- Mouse under
- Introduction:
- Allocating and freeing
- Getting a
- Regenerate
- c-m-V (Scroll Other
- c-X 1 (One
- c-X 0 (Other
- tv:
- tv:
- :mouse**
- :point**
- :rectangle**
- :window**
- tv:
- Windows LMS 15, WINDOC 2
- windows WINDOC 3
- Windows SCROLL 3
- windows WINDOC 13
- windows WINDOC 19
- Clicking Middle Edits Current String in Choose-variable-values Windows RN 105
- Configuring and Selecting
- Creating
- Windows ZMAILT 42
- windows WINDOC 21

Symbolics, Inc. March 1984

- Deexposed windows WINDOC 9, 13
- Default windows LMS 15
- Exposed windows WINDOC 6, 13
- Exposing windows WINDOC 6, 82
- Fully visible windows WINDOC 2, 6
- Hierarchy of Windows WINDOC 3
- I/O Buffers for Choose Variable Values Windows MENUS 72
- Inactive windows WINDOC 3
- Inferior windows WINDOC 5, 19, WINDEX 30
- Input operations on windows WINDOC 2
- Introduction: Scroll Windows SCROLL 1
- Locked windows WINDOC 9
- Making Standalone Editor Windows MISCUI 23
- Messages to windows WINDEX 7
- Modified Two Windows ZMACS 117
- Multiple windows ZMACS 102
- Multiple Instances of windows LMS 15
- Not-fully-visible windows WINDOC 2
- Output operations on windows WINDOC 2
- Overlapping windows WINDOC 2
- Partially visible windows WINDOC 2, 13
- Reallocating windows WINDEX 56
- Regenerating contents of windows WINDOC 5
- Relationship of mouse to windows WINDOC 67
- Saving contents of windows WINDOC 5
- Scrolling windows LMS 12
- Selecting and Creating Windows LMS 15
- Temp-locked windows WINDOC 9, 11
- Temporary Windows WINDOC 11
- Two Windows ZMACS 117
- Timeout windows WINDEX 75
- Timeout to partially visible windows WINDOC 13
- Using the SELECT key with windows LMS 15
- Using Two Windows ZMACS 117
- View Two Windows ZMACS 117
- Visible windows WINDOC 2, 6
- Two Windows (c-X 2) TOOLS 60
- View Two Windows (c-X 3) TOOLS 60
- Change In Zmacs command Modified Two Windows (c-X 4) RN 127
- Modified Two Windows (c-X 4) TOOLS 60
- Modified Two Windows (c-X 4) Zmacs command RN 127
- Windows as input streams WINDOC 41
- Windows as output streams WINDOC 19, 23
- Windows as streams WINDOC 2
- :clear-screen, :clear-eol, and :clear-eof** messages to windows renamed RN 44
- Two Windows Showing Region ZMACS 117
- Using windows temporarily WINDEX 56
- c-X 2 (Two Windows) TOOLS 60
- c-X 3 (View Two Windows) TOOLS 60
- c-X 4 (Modified Two Windows) TOOLS 60
- [Move Window] Edit Screen menu item WINDOC 3
- [Lisp Window] File System Maintenance menu item SITE 1
- si: **wire-page** function 3600 23, INT 23
- Wired packets PROT 63
- Wiring a structure INT 61
- with** bindings FLOW 40
- with** clause FLOW 40
- with** keyword FLOW 40
- si: **with-disk-event-task** special form INT 58
- :buffer-name** option for **zwei**: **with-editor-stream** MISCUI 20
- :create-p** option for **zwei**: **with-editor-stream** MISCUI 20
- :defaults** option for **zwei**: **with-editor-stream** MISCUI 20
- :end** option for **zwei**: **with-editor-stream** MISCUI 20
- :hack-fonts** option for **zwei**: **with-editor-stream** MISCUI 20
- :interval** option for **zwei**: **with-editor-stream** MISCUI 20
- :kill** option for **zwei**: **with-editor-stream** MISCUI 20

:load-p option for **zwei:** **with-editor-stream** MISCUI 20
:ordered-p option for **zwei:** **with-editor-stream** MISCUI 20
:pathname option for **zwei:** **with-editor-stream** MISCUI 20
:start option for **zwei:** **with-editor-stream** MISCUI 20
:window option for **zwei:** **with-editor-stream** MISCUI 20
The **zwei:** **with-editor-stream** macro MISCUI 19
zwei: **with-editor-stream** macro MISCUI 19
dbg: **with-erring-frame** macro COND 16, 17
with-foo-bound-to-nil macro NOTA 2
with-input-editing RN 59
with-input-editing macro RN 59, STR 50
with-input-from-string special form ARR 34
with-key FLOW 54
meter: **with-monitoring** macro RN 52, INT 86
tv: **with-mouse-grabbed** macro WINDOC 70, WINDEX 57, 58
New macro: **tv:** **with-mouse-grabbed-on-sheet** RN 74
tv: **with-mouse-grabbed-on-sheet** macro RN 74, WINDOC 71, WINDEX 57, 59
tv: **with-mouse-usurped** macro WINDOC 72, WINDEX 76, 78
:ascii option for **with-open-file** STR 59
:block option for **with-open-file** STR 59
:byte-size option for **with-open-file** STR 59
:deleted option for **with-open-file** STR 59
:direction option for **with-open-file** STR 59
:fixnum option for **with-open-file** STR 59
:in option for **with-open-file** STR 59
:noerror option for **with-open-file** STR 59
:out option for **with-open-file** STR 59
:print option for **with-open-file** STR 59
:probe option for **with-open-file** STR 59
:raw option for **with-open-file** STR 59
:read option for **with-open-file** STR 59
:single option for **with-open-file** STR 59
:super-image option for **with-open-file** STR 59
:temporary option for **with-open-file** STR 59
:write option for **with-open-file** STR 59
with-open-file special form STR 59
with-open-file-case macro STR 59
New macro: **sys:** **with-open-file-search** RN 69
sys: **with-open-file-search** macro RN 69, STR 60
with-open-stream macro TOOLS 118
with-open-stream special form STR 60, NETIO 25
with-open-stream-case macro STR 60
with-output-to-string special form ARR 35
netl: **with-server-error-disposition** macro PROT 52
The **with-stack-list** and **with-stack-list*** Special Forms INT 34
with-stack-list special form RN 148, INT 34
with-stack-list* special form RN 148, INT 34
with-stack-list* Special Forms INT 34
The **with-stack-list** and **with-stack-list*** Special Forms
Advising One Function
Cursor motion
Justify text
Command menu
Printed
Zmail
Backward
Word ZMACS 23, 52
Backward Kill
Word ZMACS 25, 68
Check
word NETIO 35, 37
Cursor Motion by
Word ZMACS 52
Destination
word NETIO 35, 37
Forward
Word ZMACS 23, 52
Kill
Word ZMACS 25, 68
Lowercase
Word ZMACS 148

- Mark Word ZMACS 80
- Source word NETIO 35, 37
- Uppercase Word ZMACS 148
 - Word Abbrev mode ZMACS 18
 - Word Abbrev Mode (m-X) Zmacs command ZMACS 181
 - Word addresses 3600 11
- Memory word field variables INT 20
- Atom Word Mode (m-X) TOOLS 12
- Atom Word Mode (m-X) Zmacs command ZMACS 180
- Word size 3600 11
- Check words INT 55
- Deleting and Transposing Words ZMACS 68
- Exchange Words ZMACS 68
- Multibyte words PROT 67
- Pluralizing words ARR 30
- work-address:** user object attribute PROT 11
- work-phone:** user object attribute PROT 11
- Setting the Size of the Scavenger Working Set (LM-2) STOR 7
 - Working set size for the garbage collector STOR 9
 - Working storage area STOR 1
 - Working With Buffers and Files ZMACS 102
 - Working with Regions ZMACS 73
 - working-storage-area** variable STOR 4
- How the Input Editor Works STR 45
- Poking Around in the Lisp World MISCF 1
- Save current Lisp world SIG 28, SITE 20
- FEP Load World command 3600 27
- Load World command NETIO 7
- Load World FEP command RN 134
- Outside World Interface Menu Items FED 30
- World load SIG 40
- Saving a World Load FILE 74
- Adding a Spare World Load as LMFS File Space FILE 75
- World load disk-saves MISCF 5, SITE 22
- Using a Spare World Load for Paging FILE 75
- Installing New Releases Distributed In World Load Format SIG 22
- World Load Partitions SIG 40
- World loading NETIO 7
- World Loads FILE 71
- world loads SITE 22
- World Loads SITE 17
- World Loads SITE 17
- World Loads From Other Sites SIG 23
- World on the 3600 SIG 25
- World-load compressor 3600 32, STOR 13
- World-load Compressor (LM-2) SITE 22
- Horizontal wraparound WINDOC 23
- Wraparound Lines ZMACS 46
- Wrapper FLAV 27
- Changing a wrapper FLAV 58
- :wrapper** method type FLAV 49
- Creating wrappers FLAV 26
- Defining wrappers FLAV 26
- Modifying wrappers FLAV 58
- Order of application of wrappers FLAV 26, 27
- Wrapping Lines ZMACS 20
- Disk write INT 61
- Write a breakpoint into a program MISCF 7
- Write Buffer register NETIO 70
- [Write Draft File] Editor menu item ZMAILT 44
- Write File ZMACS 27, 109
- Write File Zmacs command ZMACS 29
- [Write File] Font Editor menu item RN 113, FED 27, 30
- Streams that read or write magnetic tape TAPE 1
- :write** option for **fs:complete-pathname** STR 81, FILE 24

- :write** option for **with-open-file** STR 59
- WRITE QFILE OPEN** option PROT 98
- :write-data-map** message INT 72
- :write-eof** message to output tape streams TAPE 4
- :write-error-status** message to output tape streams TAPE 4
- si:** **write-fep-label** function INT 83
- :write-frame** method of **si:serial-hdic-mixin** RN 111, NETIO 32
- netl:** **write-hosts.text-file** function PROT 26
- sys:** **write-in-read-only** flavor COND 57
- Write-locked INT 74
- write-meter** function INT 30
- netl:** **write-nic-host-table-file** function PROT 26
- Write-permit bit NETIO 107
- Write-through mode NETIO 107
- write-user-options** function MENUS 67
- writel-meter** function 3600 27
- Hints to Macro Writers MAC 15
- Writing a UNIBUS location NETIO 107
- Writing an Xbus location NETIO 107
- Writing contents of files to magnetic tape SITE 4
- Writing font files FED 27
- Packages and Writing Programs PKG 13
- Writing Programs That Use Magnetic Tape TAPE 1
- Writing systems, bands, and microcodes onto tape TAPE 13
- Waiting for Acknowledgement of the EOF Packet on Writing with QFILE PROT 109
- fs:** **wrong-kind-of-file** COND 69
- fs:** **wrong-kind-of-file** flavor COND 69
- sys:** **wrong-stack-group-state** flavor COND 56
- sys:** **wrong-type-argument** condition COND 27
- sys:** **wrong-type-argument** flavor COND 59

X

X

X

- SELECT X ZMACS 30
- c-X X (Put Register) TOOLS 58
- NETWORK X command LMS 35
- NETWORK X command RN 114
- SELECT X command MISCT 7
- SELECT X command RN 114
- :x** init option for **tv:menu** MENUS 100
- :x** init option for **tv:sheet** WINDOC 78
- X key LMS 35
- SELECT X) RN 114
- New feature: Flavor Examiner (SELECT X) TOOLS 58
- Put Register (c-X **:x-pos** init option for **tv:blinker** WINDOC 65
- CCITT Recommendation X.25 interface PROT 12
- :x25** example PROT 42
- x25** network type PROT 12
- X- date directory last expunged indicator FSED 5
- Xbus NETIO 106
- Xbus address INT 17
- Reading an Xbus location NETIO 107
- Writing an Xbus location NETIO 107
- Xbus page number NETIO 107
- %xbus-read** function INT 17
- %xbus-write** function INT 17
- sys:** **%xbus-write-sync** function INT 17
- xcons** function PRIM 18, 29
- xcons-in-area** function PRIM 19
- Xerox 3-MB Ethernet PUP network PROT 12
- xgp** value of **format** printer attribute HARD 5
- xgp** value of **type** printer attribute HARD 5
- XMAIL pathname type abbreviation FILE 44
- XMAILR message ZMAILT 35

Changes to Serial I/O: Parity Recovery and

XON-XOF NETIO 30
:xon-xoff-protocol serial I/O parameter NETIO 27
Xon/Xoff Character Setting RN 109
XON/XOFF protocol parameters NETIO 27
xstore function 3600 27, ARR 24

Y

Y

Y

y init option for **tv:menu** MENUS 100
y init option for **tv:sheet** WINDOC 78
Y Zmail command ZMAILT 47
y-or-n-p function MISCUI 9
y-pos init option for **tv:blinker** WINDOC 65
Yank ZMACS 64
Yank (c-Y) TOOLS 57
yank command ZMACS 14
yank command INED 3, 7
yank command INED 3, 7, 9, 13, 15
yank command ZMACS 14
yank command ZMACS 13
yank command INED 3, 7
yank command INED 3, 7, 9
yank command ZMACS 13
yank command INED 7
yank command INED 3, 7, 15
yank command INED 3, 7, 9, 13, 15
yank command ZMACS 13, 14, 64
Yank from global kill history INED 7
Yank Pop ZMACS 64
Yank Pop (m-Y) TOOLS 57
(Yank Pop) TOOLS 57
Yank reply window mode ZMAILT 35
Yank System INED 1
Yank System INED 9
Yank the current message ZMAILT 47
(Yank) TOOLS 57
yanked forms INED 3
yanked forms INED 15
Yanked Headers Editor menu item ZMAILT 47
yanked text INED 7
Yanking ZMACS 13, 33
yanking commands INED 9
Yanking Commands INED 7
yanking commands INED 3
Yanking in the command history ZMACS 14
Yanking in the kill history ZMACS 13
Yanking input in **Zwei** RN 1
Yanking messages ZMAILC 19
Yanking previous input RN 22
Yanking sequence INED 1
Yanking text TOOLS 55
Year MISCUI 1
Yes-or-no question MISCUI 9
yes-or-no-p function MISCUI 9
you cannot cold boot LMS 5
you cold boot RN 143
Your Machine Crashed NETIO 14
Your Mail ZMAILC 25
Your Mail ZMAILT 11
Your Mail ZMAILT 8
Your Own Stream STR 19
Your Program MENUS 30
Your Site: New Hosts, New Printers, New Users SIG 21

c-X

c-Ø c-m-Y

c-C

c-m-Y

c-m-Y

c-D c-Y

c-X ALTMODE

c-Y

c-Y

m-Ø m-Y

m-C

m-Y

m-Y

m-Y

Introduction: New

Numeric Arguments: New

c-Y

Activating

Reexecuting

[Prune

Replace

c-U argument to

Changes to the

Top-level

Cold boot when

What happens when

Finding Out Why

Managing

Reading

Sending

Making

Responsibilities of

Minor Changes to

Z

Z

Z

- Testing for Z Peek command MISCU 3
- Division by zero PRIM 64
- Zero a disk partition SIG 44
- zero error COND 54
- Zero window mode ZMAILT 42
- ~~zero-args-to-select-method~~ flavor COND 59
- zerop function PRIM 64
- Zetalisp NETIO 23
- ZJ Zmail command ZMAILC 17
- Zmacs RN 1
- + flag in Zmacs ZMACS 103
- Entering Zmacs ZMACS 10, 30
- Exiting Zmacs ZMACS 30
- Getting Help in Zmacs ZMACS 12
- Introduction to Zmacs ZMACS 4
- Invoking Zmacs ZMACS 10
- Leaving Zmacs ZMACS 30
- New Buffer-history Mechanism in Zmacs RN 125
- Reinitializing Zmacs ZMACS 11, MISCU 1
- Starting Zmacs ZMACS 10
- Typical use of Zmacs ZMACS 156
- Using the mouse to enter Zmacs ZMACS 10
- Zmacs commands for finding out about the state of Zmacs ZMACS 201
- RUBOUT Zmacs character ZMACS 66
- ABORT Zmacs command ZMACS 32
- Abort Patch (m-X) Zmacs command ZMACS 174, MAINT 34
- Add Patch (m-X) Zmacs command ZMACS 173, MAINT 34
- Add Patch Changed Definitions (m-X) Zmacs command RN 123, ZMACS 173
- Add Patch Changed Definitions of Buffer (m-X) Zmacs command RN 123, ZMACS 173
- Append To File (m-X) Zmacs command ZMACS 112
- Arglist (m-X) Zmacs command ZMACS 37
- Atom Query Replace (m-X) Zmacs command ZMACS 93
- Atom Word Mode (m-X) Zmacs command ZMACS 180
- Auto Fill Lisp Comments Mode (c-m-X) Zmacs command ZMACS 180
- Auto Fill Mode (m-X) Zmacs command ZMACS 180
- c-% Zmacs command ZMACS 90
- c-. Zmacs command ZMACS 98, 168
- c-; Zmacs command ZMACS 157
- c-< Zmacs command ZMACS 81
- c-= Zmacs command ZMACS 37
- c-> Zmacs command ZMACS 81
- c-A Zmacs command ZMACS 23, 57
- c-B Zmacs command ZMACS 23, 52
- c-D Zmacs command ZMACS 25, 33, 66
- c-E Zmacs command ZMACS 23, 57
- c-F Zmacs command ZMACS 23, 51
- c-G Zmacs command ZMACS 32, 33
- c-HELP V Zmacs command ZMACS 193
- c-K Zmacs command ZMACS 25, 71
- c-L Zmacs command ZMACS 47
- c-m-) Zmacs command ZMACS 55
- c-m-] Zmacs command ZMACS 56
- c-m-(Zmacs command ZMACS 55
- c-m-; Zmacs command ZMACS 157
- c-m-? V Zmacs command ZMACS 193
- c-m-@ Zmacs command ZMACS 80
- c-m-A Zmacs command ZMACS 55
- c-m-B Zmacs command ZMACS 54
- c-m-D Zmacs command ZMACS 54
- c-m-E Zmacs command ZMACS 56
- c-m-F Zmacs command ZMACS 54
- c-m-H Zmacs command ZMACS 80
- c-m-K Zmacs command ZMACS 25, 69
- c-m-L Zmacs command ZMACS 105
- c-m-M Zmacs command ZMACS 151
- c-m-N Zmacs command ZMACS 53

| | | |
|---------------|---------------|-------------------|
| c-m-O | Zmacs command | ZMACS 153 |
| c-m-P | Zmacs command | ZMACS 53 |
| c-m-Q | Zmacs command | ZMACS 151 |
| c-m-R | Zmacs command | ZMACS 48 |
| c-m-RETURN | Zmacs command | ZMACS 151 |
| c-m-RUBOUT | Zmacs command | ZMACS 25, 69 |
| c-m-sh-E | Zmacs command | ZMACS 160 |
| c-m-SPACE | Zmacs command | ZMACS 76 |
| c-m-T | Zmacs command | ZMACS 70 |
| c-m-U | Zmacs command | ZMACS 55 |
| c-m-V | Zmacs command | ZMACS 118 |
| c-m-Z | Zmacs command | ZMACS 161 |
| c-m-[| Zmacs command | ZMACS 55 |
| c-m-\ | Zmacs command | ZMACS 151 |
| c-m-^ | Zmacs command | ZMACS 152 |
| c-N | Zmacs command | ZMACS 23, 56, 183 |
| c-O | Zmacs command | ZMACS 153 |
| c-P | Zmacs command | ZMACS 23, 56 |
| c-R | Zmacs command | ZMACS 87 |
| c-sh-A | Zmacs command | ZMACS 37 |
| c-sh-C | Zmacs command | ZMACS 82 |
| c-sh-D | Zmacs command | ZMACS 37 |
| c-sh-E | Zmacs command | ZMACS 160 |
| c-sh-M | Zmacs command | ZMACS 165 |
| c-sh-V | Zmacs command | ZMACS 38 |
| c-SPACE | Zmacs command | ZMACS 76 |
| c-T | Zmacs command | ZMACS 66 |
| c-U | Zmacs command | ZMACS 22 |
| c-V | Zmacs command | ZMACS 24, 47 |
| c-W | Zmacs command | ZMACS 25, 82 |
| c-X | Zmacs command | ZMACS 86, 183 |
| c-X 1 | Zmacs command | ZMACS 118 |
| c-X 2 | Zmacs command | ZMACS 117 |
| c-X 3 | Zmacs command | ZMACS 117 |
| c-X 4 | Zmacs command | ZMACS 117 |
| c-X 8 | Zmacs command | ZMACS 117 |
| c-X ; | Zmacs command | ZMACS 158 |
| c-X = | Zmacs command | ZMACS 37 |
| c-X A | Zmacs command | ZMACS 112 |
| c-X B | Zmacs command | ZMACS 27, 105 |
| c-X c-; | Zmacs command | ZMACS 159 |
| c-X c-B | Zmacs command | ZMACS 103, 106 |
| c-X c-D | Zmacs command | ZMACS 119 |
| c-X c-F | Zmacs command | ZMACS 28, 29, 108 |
| c-X c-G | Zmacs command | ZMACS 32 |
| c-X c-I | Zmacs command | ZMACS 152 |
| c-X c-L | Zmacs command | ZMACS 148 |
| c-X c-m-L | Zmacs command | ZMACS 105 |
| c-X c-m-SPACE | Zmacs command | ZMACS 76 |
| c-X c-N | Zmacs command | ZMACS 57 |
| c-X c-O | Zmacs command | ZMACS 26, 153 |
| c-X c-P | Zmacs command | ZMACS 81 |
| c-X c-S | Zmacs command | ZMACS 28, 109 |
| c-X c-T | Zmacs command | ZMACS 71 |
| c-X c-U | Zmacs command | ZMACS 148 |
| c-X c-V | Zmacs command | ZMACS 109 |
| c-X c-W | Zmacs command | ZMACS 29, 109 |
| c-X c-X | Zmacs command | ZMACS 77 |
| c-X D | Zmacs command | ZMACS 131 |
| c-X E | Zmacs command | ZMACS 184 |
| c-X F | Zmacs command | ZMACS 27, 180 |
| c-X H | Zmacs command | ZMACS 81 |
| c-X K | Zmacs command | ZMACS 110 |
| c-X L | Zmacs command | ZMACS 38 |
| c-X O | Zmacs command | ZMACS 118 |
| c-X Q | Zmacs command | ZMACS 185 |
| c-X RUBOUT | Zmacs command | ZMACS 25, 72 |
| c-X S | Zmacs command | ZMACS 27 |

| | | |
|--|---------------|---|
| c-X T | Zmacs command | ZMACS 82 |
| c-X V | Zmacs command | ZMACS 107 |
| c-X W | Zmacs command | ZMACS 27 |
| c-X ^ | Zmacs command | ZMACS 117 |
| c-Z | Zmacs command | ZMACS 30 |
| Change File Properties (m-X) | Zmacs command | ZMACS 123 |
| Clean Directory (m-X) | Zmacs command | ZMACS 123 |
| CLEAR-INPUT | Zmacs command | ZMACS 71 |
| Compile Buffer (m-X) | Zmacs command | ZMACS 162 |
| Compile Changed Definitions (m-X) | Zmacs command | ZMACS 162 |
| Compile Changed Definitions of Buffer (m-X) | Zmacs command | ZMACS 162 |
| Compile File (m-X) | Zmacs command | ZMACS 162 |
| Compile Region (m-X) | Zmacs command | ZMACS 82 |
| Compiler Warnings (m-X) | Zmacs command | ZMACS 163, COMP 13 |
| Copy File (m-X) | Zmacs command | RN 28, 124, ZMACS 121, STR 68,
FILE 19 |
| Create Directory (m-X) | Zmacs command | ZMACS 123 |
| Create Link (m-X) | Zmacs command | ZMACS 122 |
| Decrypt Buffer (m-X) | Zmacs command | ZMACS 108 |
| Deinstall Macro (m-X) | Zmacs command | ZMACS 186 |
| Delete File (m-X) | Zmacs command | ZMACS 122 |
| Describe Flavor (m-X) | Zmacs command | FLAV 63 |
| Describe Variable (m-X) | Zmacs command | ZMACS 193 |
| Dired (m-X) | Zmacs command | ZMACS 131 |
| Edit Buffers (m-X) | Zmacs command | ZMACS 107 |
| Edit Callers (m-X) | Zmacs command | ZMACS 169 |
| Edit Changed Definitions (m-X) | Zmacs command | ZMACS 167 |
| Edit Changed Definitions of Buffer (m-X) | Zmacs command | ZMACS 168 |
| Edit Combined Methods (m-X) | Zmacs command | FLAV 63 |
| Edit Compiler Warnings (m-X) | Zmacs command | ZMACS 163, COMP 13 |
| Edit Definition | Zmacs command | FLAV 63 |
| Edit File Warnings (m-X) | Zmacs command | ZMACS 163, COMP 13 |
| Edit Methods (m-X) | Zmacs command | FLAV 63 |
| Electric Font Lock Mode (m-X) | Zmacs command | ZMACS 180 |
| Electric Shift Lock Mode (m-X) | Zmacs command | ZMACS 180 |
| EMACS Mode (m-X) | Zmacs command | ZMACS 181 |
| Encrypt Buffer (m-X) | Zmacs command | ZMACS 108 |
| End Kbd Macro | Zmacs command | ZMACS 183 |
| Evaluate and Replace into Buffer (m-X) | Zmacs command | ZMACS 92, 161 |
| Evaluate Buffer (m-X) | Zmacs command | ZMACS 160 |
| Evaluate Changed Definitions (m-X) | Zmacs command | ZMACS 161 |
| Evaluate Changed Definitions of Buffer (m-X) | Zmacs command | ZMACS 161 |
| Evaluate into Buffer (m-X) | Zmacs command | ZMACS 160 |
| Evaluate Region (m-X) | Zmacs command | ZMACS 160, 161 |
| Find File | Zmacs command | ZMACS 28, 29 |
| Find File in Fundamental Mode (m-X) | Zmacs command | ZMACS 110 |
| Find Files in Tag Table (m-X) | Zmacs command | ZMACS 97 |
| Find Unbalanced Parentheses (m-X) | Zmacs command | ZMACS 38 |
| Finish Patch (m-X) | Zmacs command | ZMACS 174, MAINT 34 |
| Hardcopy Buffer (m-X) | Zmacs command | ZMACS 108, HARD 1 |
| Hardcopy File (m-X) | Zmacs command | ZMACS 120, HARD 1 |
| Hardcopy Region (m-X) | Zmacs command | HARD 1 |
| HELP ? | Zmacs command | ZMACS 12 |
| HELP A | Zmacs command | ZMACS 12, 35 |
| HELP C | Zmacs command | ZMACS 12, 34 |
| HELP D | Zmacs command | ZMACS 12, 35 |
| HELP L | Zmacs command | ZMACS 12, 36 |
| HELP SPACE | Zmacs command | ZMACS 12 |
| HELP U | Zmacs command | ZMACS 12, 36 |
| HELP V | Zmacs command | ZMACS 12, 36, 193 |
| HELP W | Zmacs command | ZMACS 12 |
| Insert Buffer (m-X) | Zmacs command | ZMACS 112 |
| Insert File (m-X) | Zmacs command | ZMACS 112 |
| Install Command (m-X) | Zmacs command | ZMACS 192 |
| Install Macro (m-X) | Zmacs command | ZMACS 186 |
| Jump to Saved Position (c-X J) | Zmacs command | RN 127 |
| Kill Backward Up List (c-m-X) | Zmacs command | ZMACS 69 |
| Kill Or Save Buffers (m-X) | Zmacs command | ZMACS 110 |

Symbolics, Inc. March 1984

| | | |
|--|---------------|--------------------|
| Kill Some Buffers (m-X) | Zmacs command | ZMACS 110 |
| LINE | Zmacs command | ZMACS 151 |
| Lisp Mode (m-X) | Zmacs command | ZMACS 156 |
| List Buffers | Zmacs command | ZMACS 103 |
| List Buffers (c-X c-B) | Zmacs command | RN 125 |
| List Callers (m-X) | Zmacs command | MISCF 1, ZMACS 170 |
| List Changed Definitions of Buffer (m-X) | Zmacs command | ZMACS 169 |
| List Combined Methods (m-X) | Zmacs command | FLAV 63 |
| List Definitions (m-X) | Zmacs command | ZMACS 168 |
| List Files (m-X) | Zmacs command | ZMACS 119 |
| List Fonts (m-X) | Zmacs command | WINDOC 58 |
| List Methods (m-X) | Zmacs command | FLAV 63 |
| List Tag Tables (m-X) | Zmacs command | ZMACS 95 |
| List Variables (m-X) | Zmacs command | ZMACS 193 |
| Load Compiler Warnings (m-X) | Zmacs command | ZMACS 163, COMP 13 |
| m-] | Zmacs command | ZMACS 23, 58 |
| m-) | Zmacs command | ZMACS 56 |
| m-% | Zmacs command | ZMACS 90 |
| m- (| Zmacs command | ZMACS 164 |
| (m-.) | Zmacs command | FLAV 63 |
| m-. | Zmacs command | ZMACS 166 |
| m-; | Zmacs command | ZMACS 157 |
| m-< | Zmacs command | ZMACS 24, 60 |
| m- = | Zmacs command | ZMACS 38 |
| m-> | Zmacs command | ZMACS 24, 60 |
| m-@ | Zmacs command | ZMACS 80 |
| m-A | Zmacs command | ZMACS 23, 53 |
| m-B | Zmacs command | ZMACS 23, 52 |
| m-C | Zmacs command | ZMACS 148 |
| m-D | Zmacs command | ZMACS 25, 68 |
| m-E | Zmacs command | ZMACS 53 |
| m-ESCAPE | Zmacs command | ZMACS 160 |
| m-F | Zmacs command | ZMACS 23, 52 |
| m-H | Zmacs command | ZMACS 80 |
| m-K | Zmacs command | ZMACS 25, 72 |
| m-L | Zmacs command | ZMACS 148 |
| m-LINE | Zmacs command | ZMACS 158 |
| m-M | Zmacs command | ZMACS 151 |
| m-N | Zmacs command | ZMACS 158 |
| m-O | Zmacs command | ZMACS 152 |
| m-P | Zmacs command | ZMACS 158 |
| m-R | Zmacs command | ZMACS 48 |
| m-RETURN | Zmacs command | ZMACS 151 |
| m-RUBOUT | Zmacs command | ZMACS 25, 68 |
| m-S | Zmacs command | ZMACS 150 |
| m-sh-C | Zmacs command | ZMACS 162 |
| m-sh-D | Zmacs command | ZMACS 37 |
| m-sh-E | Zmacs command | ZMACS 161 |
| m-T | Zmacs command | ZMACS 68 |
| m-U | Zmacs command | ZMACS 148 |
| m-V | Zmacs command | ZMACS 24, 48 |
| m-W | Zmacs command | ZMACS 82 |
| m-Z | Zmacs command | ZMACS 162 |
| m- { | Zmacs command | ZMACS 23, 58 |
| m-\ | Zmacs command | ZMACS 26 |
| m-^ | Zmacs command | ZMACS 26, 152 |
| Macro Expand Expression (m-X) | Zmacs command | ZMACS 165 |
| Modified Two Windows (c-X 4) | Zmacs command | RN 127 |
| Multiple Edit Callers (m-X) | Zmacs command | ZMACS 170 |
| Multiple List Callers (m-X) | Zmacs command | ZMACS 171 |
| Multiple Query Replace (m-X) | Zmacs command | ZMACS 91 |
| Multiple Query Replace From Buffer (m-X) | Zmacs command | ZMACS 92 |
| Name Last Kbd Macro (m-X) | Zmacs command | ZMACS 185 |
| Overwrite Mode (m-X) | Zmacs command | ZMACS 181 |
| Prepend To File (m-X) | Zmacs command | ZMACS 112 |
| Query Replace (m-X) | Zmacs command | ZMACS 90 |
| Query Replace Last Kill (m-X) | Zmacs command | ZMACS 92 |
| Query Replace Let Binding (m-X) | Zmacs command | ZMACS 92 |

| | | |
|--|---|--|
| Reap File (m-X) | Zmacs command | ZMACS 122 |
| Rename Buffer (m-X) | Zmacs command | ZMACS 108 |
| Rename File (m-X) | Zmacs command | ZMACS 120, FILE 19 |
| Reparse Attribute List (m-X) | Zmacs command | ZMACS 125, 127 |
| Replace String (m-X) | Zmacs command | ZMACS 90 |
| Resume Patch (m-X) | Zmacs command | RN 124, MAINT 34 |
| RETURN | Zmacs command | ZMACS 43 |
| Revert Buffer (m-X) | Zmacs command | ZMACS 109 |
| RUBOUT | Zmacs command | ZMACS 25, 33 |
| Save All Files (m-X) | Zmacs command | ZMACS 108 |
| Save File | Zmacs command | ZMACS 28 |
| Select All Buffers As Tag Table (m-X) | Zmacs command | ZMACS 94 |
| Select Buffer (c-X) B) | Zmacs command | RN 125 |
| Select Previous Buffer (c-m-L) | Zmacs command | RN 125 |
| Select System As Tag Table (m-X) | Zmacs command | ZMACS 95 |
| Select Tag Table (m-X) | Zmacs command | ZMACS 94 |
| Set Backspace (m-X) | Zmacs command | ZMACS 128 |
| Set Base (m-X) | Zmacs command | ZMACS 128 |
| Set Fonts (m-X) | Zmacs command | ZMACS 128 |
| Set Key (m-X) | Zmacs command | ZMACS 191 |
| Set Lowercase (m-X) | Zmacs command | ZMACS 128 |
| Set Nofill (m-X) | Zmacs command | ZMACS 128 |
| Set Package (m-X) | Zmacs command | RN 123, ZMACS 126, 127, 128 |
| Set Patch File (m-X) | Zmacs command | ZMACS 128 |
| Set Tab Width (m-X) | Zmacs command | ZMACS 128 |
| Set Variable (m-X) | Zmacs command | ZMACS 194 |
| Set Visited File Name (m-X) | Zmacs command | ZMACS 110 |
| Set Vsp (m-X) | Zmacs command | ZMACS 128 |
| Show Hardcopy Status (m-X) | Zmacs command | HARD 1 |
| Sort Lines (m-X) | Zmacs command | ZMACS 100 |
| Sort Paragraphs (m-X) | Zmacs command | ZMACS 100 |
| Sort Via Keyboard Macros (m-X) | Zmacs command | ZMACS 100 |
| Source Compare (m-X) | Zmacs command | ZMACS 113 |
| Source Compare Merge (m-X) | Zmacs command | ZMACS 113 |
| Source Compare Newest Definition (m-X) | Zmacs command | RN 124 |
| SPACE | Zmacs command | ZMACS 43 |
| Start Patch (m-X) | Zmacs command | ZMACS 172, MAINT 34 |
| Start Private Patch (m-X) | Zmacs command | RN 124, ZMACS 172, MAINT 34 |
| TAB | Zmacs command | ZMACS 150 |
| Tags Multiple Query Replace (m-X) | Zmacs command | ZMACS 96 |
| Tags Query Replace (m-X) | Zmacs command | ZMACS 95 |
| Tags Search (m-X) | Zmacs command | ZMACS 95 |
| Trace (m-X) | Zmacs command | ZMACS 38 |
| Uncomment Region (m-X) | Zmacs command | ZMACS 159 |
| Update Attribute List (m-X) | Zmacs command | ZMACS 125 |
| Uppercase Code in Region (m-X) | Zmacs command | ZMACS 148 |
| Variable Apropos | Zmacs command | ZMACS 193 |
| View Buffer (m-X) | Zmacs command | ZMACS 107 |
| View File (m-X) | Zmacs command | ZMACS 120 |
| View File Properties (m-X) | Zmacs command | ZMACS 120 |
| View Kbd Macro (m-X) | Zmacs command | ZMACS 184 |
| Visit Tag Table (m-X) | Zmacs command | ZMACS 97 |
| Where Is Symbol (m-X) | Zmacs command | PKG 5 |
| Word Abbrev Mode (m-X) | Zmacs command | ZMACS 181 |
| Write File | Zmacs command | ZMACS 29 |
| Change in | Zmacs command | Modified Two Windows (c-X
4) RN 127 |
| New | Zmacs command: | Resume Patch (m-X) RN 124 |
| New | Zmacs command: | Source Compare Newest Definition
(m-X) RN 124 |
| New | Zmacs command: | Start Private Patch (m-X) RN 124 |
| | Zmacs commands | LMS 22 |
| Finding Out About | Zmacs Commands | ZMACS 34 |
| Mouse-sensitive | Zmacs commands | ZMACS 50 |
| Useful | Zmacs Commands | FLAV 63 |
| | Zmacs commands for finding out about | flavors ZMACS 202 |
| | Zmacs commands for finding out about Lisp | ZMACS |

- 201
- Zmacs commands for finding out about the state of buffers ZMACS 201
- Zmacs commands for finding out about the state of Zmacs ZMACS 201
- Zmacs commands for interacting with Lisp ZMACS 202
- Customizing the Zmacs Environment ZMACS 177
- Zmacs extended (m-X) commands LMS 22
- Zmacs general help facilities LMS 22
- Zmacs help facilities LMS 22
- Zmacs in Release 5.0 RN 123
- Zmacs in Release 5.0 RN 126
- Zmacs in Release 5.0 RN 123
- Zmacs in Release 5.0 RN 124
- Zmacs support functions ZMACS 98
- Zmacs Variable Settings ZMACS 193
- Zmacs variables ZMACS 12, 36
- Zmail RN 1
- Zmail ZMAILT 24
- Zmail ZMAILC 7
- Zmail ZMACS 30, ZMAILT 17
- Zmail ZMAILT 17
- Zmail ZMAILT 17
- (zmail 'reload) Lisp Listener command ZMAILT 24
- Zmail actions summary LMS 28
- Zmail Architecture ZMAILC 3
- Zmail bug lists ZMAILT 33
- Zmail command ZMAILT 41
- Zmail command ZMAILT 41
- Zmail command ZMAILT 41
- Zmail command RN 130, ZMAILC 21
- Zmail command ZMAILC 21
- Zmail command ZMAILC 5
- Zmail command ZMAILT 31
- Zmail command ZMAILT 46
- Zmail command ZMAILT 46
- Zmail command ZMAILT 46
- Zmail command ZMAILT 59, ZMAILC 18
- Zmail command ZMAILT 54
- Zmail command ZMAILT 47
- Zmail command ZMAILT 53
- Zmail command ZMAILT 53
- Zmail command ZMAILT 54, ZMAILC 18
- Zmail command ZMAILT 54, ZMAILC 18
- Zmail command ZMAILT 54, ZMAILC 18
- Zmail command ZMAILT 42
- Zmail command ZMAILT 42
- Zmail command ZMAILT 42
- Zmail command ZMAILT 42
- Zmail command ZMAILT 41
- Zmail command ZMAILT 44
- Zmail command ZMAILT 44
- Zmail command ZMAILT 44
- Zmail command ZMAILT 44
- Zmail command ZMAILT 47
- Zmail command ZMAILT 41
- Zmail command ZMAILT 41
- Zmail command ZMAILT 47
- Zmail command ZMAILT 17
- Zmail command ZMAILT 41
- Zmail command ZMAILT 59, ZMAILC 18
- Zmail command ZMAILT 11
- Zmail command ZMAILT 11
- Zmail command RN 130, ZMAILC 21
- Zmail command ZMAILT 59, ZMAILC 18
- Zmail command ZMAILC 18, 21
- Zmail command ZMAILC 30
- E
- Can't select
- Customizing
- Entering
- Entering and Exiting
- Exiting
- Changes to
- Improvements to
- Incompatible Changes to
- New Features in
- How to Specify
- Add Fcc Field (m-X)
- Add From Field (m-X)
- Add In Reply To Field (m-X)
- Append Conversation By References (m-X)
- Append To Referenced Msg (m-X)
- Apropos (m-X)
- Bug (m-X)
- C
- c-]
- c-ALTMODE
- c-D
- c-m-SPACE
- c-m-Y
- c-N
- c-P
- c-SPACE
- c-U c-SPACE
- c-U c-U c-SPACE
- c-X 0
- c-X 1
- c-X 2
- c-X A
- c-X C
- c-X c-m-S
- c-X c-R
- c-X c-S
- c-X c-W
- c-X M
- c-X S
- c-X T
- c-X Y
- c-Z
- Change Subject Pronouns (m-X)
- D
- Decrypt Msg (m-X)
- Decrypt Text (m-X)
- Delete Conversation By References (m-X)
- Delete Duplicate Msgs (m-X)
- Delete Referenced Msgs (m-X)

| | | |
|--|--|-------------------------------------|
| Encrypt Text (e-X) | Zmail command | ZMAILT 11 |
| Find String (e-X) | Zmail command | ZMAILT 53, ZMAILC 17 |
| Forward (e-X) | Zmail command | ZMAILT 31 |
| G | Zmail command | ZMAILT 11, 47 |
| h-B | Zmail command | ZMAILT 47 |
| h-F | Zmail command | ZMAILT 47 |
| h-K | Zmail command | ZMAILT 47 |
| h-RUBOUT | Zmail command | ZMAILT 47 |
| h-T | Zmail command | ZMAILT 47 |
| J | Zmail command | ZMAILT 53, ZMAILC 17 |
| L | Zmail command | ZMAILC 25 |
| M | Zmail command | ZMAILT 31 |
| [Mail (R)] | Zmail command | ZMAILC 20 |
| [Move (M)] | Zmail command | ZMAILC 27 |
| Move In Place Of Referenced Msg (e-X) | Zmail command | ZMAILC 21 |
| Move to Default Previous Point (e-X) | Zmail command | ZMAILT 54 |
| Move to Previous Point (e-X) | Zmail command | ZMAILT 54 |
| N | Zmail command | ZMAILT 53, ZMAILC 17 |
| nc-N | Zmail command | ZMAILC 17 |
| nc-P | Zmail command | ZMAILC 17 |
| nJ | Zmail command | ZMAILC 17 |
| nN | Zmail command | ZMAILC 17 |
| nP | Zmail command | ZMAILC 17 |
| Occur (e-X) | Zmail command | ZMAILT 53 |
| P | Zmail command | ZMAILT 53, ZMAILC 17 |
| [Profile] | Zmail command | ZMAILC 7 |
| Q | Zmail command | ZMAILT 17 |
| R | Zmail command | ZMAILT 35, 44 |
| Redistribute Msg (e-X) | Zmail command | ZMAILT 31 |
| References (e-X) | Zmail command | ZMAILC 18 |
| RESUME | Zmail command | ZMAILT 46 |
| S | Zmail command | ZMAILT 17, ZMAILC 30 |
| [Select (R)] | Zmail command | ZMAILC 27 |
| Select All Conversations By References (e-X) | Zmail command | RN 130 |
| Select Arbitrary Format Mail File (e-X) | Zmail command | ZMAILC 34 |
| Select Conversation (e-X) | Zmail command | ZMAILC 19 |
| Select Conversation By References (e-X) | Zmail command | RN 130, ZMAILC 21 |
| Select Referenced Msg (e-X) | Zmail command | ZMAILC 21 |
| Select References (e-X) | Zmail command | ZMAILC 21 |
| U | Zmail command | ZMAILT 59, ZMAILC 18 |
| ZJ | Zmail command | ZMAILC 17 |
| List of | Zmail commands | ZMAILT 23 |
| Editing: | Zmail Concepts and Techniques | ZMAILC 20 |
| Introduction: | Zmail Concepts and Techniques | ZMAILC 1 |
| | Zmail display | ZMAILC 5 |
| Date | Zmail display column heading | ZMAILT 3 |
| From To | Zmail display column heading | ZMAILT 3 |
| Lines | Zmail display column heading | ZMAILT 3 |
| No. | Zmail display column heading | ZMAILT 3 |
| Subject or Text | Zmail display column heading | ZMAILT 3 |
| | Zmail documentation item | ZMAILC 10 |
| | Zmail help facilities | LMS 28 |
| Changes to | Zmail in Release 5.0 | RN 129 |
| Improvements to | Zmail in Release 5.0 | RN 130 |
| Incompatible Changes to | Zmail in Release 5.0 | RN 129 |
| New Features in | Zmail in Release 5.0 | RN 130 |
| | Zmail Init File Pathnames Standardized | RN 129 |
| [Continue] | Zmail menu item | ZMAILT 44, 46 |
| [Delete] | Zmail menu item | ZMAILT 13, 59, ZMAILC 5, 18, 29 |
| [Find file] | Zmail menu item | ZMAILC 27 |
| [Get inbox] | Zmail menu item | ZMAILT 11, 17, ZMAILC 4 |
| [Hardcopy] | Zmail menu item | ZMAILC 20 |
| [Jump] | Zmail menu item | ZMAILT 53, 54, ZMAILC 8, 13, 17, 18 |
| [Keywords] | Zmail menu item | ZMAILC 8, 25 |
| [Kill] | Zmail menu item | ZMAILC 30 |
| [Mail] | Zmail menu item | ZMAILT 8, 17, 31 |
| [Map over] | Zmail menu item | ZMAILC 17, 19, 20, 21, 30, 31 |

- [Move] Zmail menu item ZMAILC 8, 20, 27, 28, 29, 30, 31
- [Move (R)] Zmail menu item ZMAILC 20
- [Move / Hardcopy] Zmail menu item HARD 1
- [Next] Zmail menu item ZMAILT 13, 53, 59, ZMAILC 17
- [Previous] Zmail menu item ZMAILT 13, 53, 59, ZMAILC 17
- [Profile] Zmail menu item ZMAILC 7
- [Quit] Zmail menu item ZMAILT 17
- [Remove] Zmail menu item ZMAILC 29
- [Reply] Zmail menu item ZMAILT 13, 35, 44, ZMAILC 19
- [Save] Zmail menu item ZMAILT 13, 17, 47, ZMAILC 7, 30, 31
- [Select] Zmail menu item ZMAILC 8, 13, 28, 29
- [Sort] Zmail menu item RN 130, ZMAILC 21
- [Survey] Zmail menu item ZMAILC 8, 13
- [Undelete] Zmail menu item ZMAILT 13, 59, ZMAILC 18
- Header fields in Zmail messages ZMAILC 3
- Text field in Zmail messages ZMAILC 3
- Zmail objects ZMAILC 3
- Zmail package PKG 49
- Zmail problems ZMAILT 24
- Zmail processing items ZMAILC 10
- [Filters (M)] Zmail Profile Mode command ZMAILC 21
- [Universes (M)] Zmail Profile Mode command ZMAILC 21
- Zmail programming items ZMAILC 10
- Zmail reply mode INED 13
- [Read/Create file] Zmail Select menu item ZMAILC 27
- Zmail Tutorial ZMAILT 3
- Adding Bug Lists to Zmail: Zmail Tutorial and Reference Manual ZMAILT 33
- Command Menu: Zmail Tutorial and Reference Manual ZMAILT 6
- Encryption Available: Zmail Tutorial and Reference Manual ZMAILT 11
- Fonts in Messages: Zmail Tutorial and Reference Manual ZMAILT 11
- Introduction: Zmail Tutorial and Reference Manual ZMAILT 1
- Main Zmail window ZMAILC 3, 5
- Zmail won't respond to commands ZMAILT 24
- (zmail) Lisp Listener command ZMAILT 17
- Adding Bug Lists to Zmail: Zmail Tutorial and Reference Manual ZMAILT 33
- Time zone MISCUI 1
- zunderflow** variable PRIM 62
- Zwei ZMAILC 3, 5
- Zwei RN 1
- Zwei command RN 125
- Zwei command RN 125
- Zwei command RN 125
- Zwei command RN 125
- Zwei command RN 125
- Zwei command RN 115
- Zwei command RN 123
- Zwei command RN 125
- Zwei command RN 125
- Zwei command: Comment Out Region (c-X c-;) RN 125
- Zwei command: Find Files in Tag Table (m-X) RN 125
- Zwei data structure MISCUI 20
- Zwei editor COMP 3, ZMAILT 40, CONV 1
- Zwei editor MISCUI 1
- Zwei Internals MISCUI 19
- Zwei kill history INED 15
- zwei** package PKG 49
- zwei:*comtab*** variable MISCUI 23
- zwei:*converse-append-p*** variable CONV 7
- zwei:*converse-beep-count*** variable CONV 8
- zwei:*converse-end-exits*** variable RN 116, CONV 8
- zwei:*converse-mode*** variable CONV 7
- zwei:*converse-mode*** variable CONV 7
- zwei:*converse-mode*** variable CONV 7
- :auto value of **zwei:*converse-mode*** variable CONV 7
- :notify value of **zwei:*converse-mode*** variable CONV 7

- :notify-with-message** value of
- :pop-up** value of

- Internal changes to macros
- Internal changes to macros **zwei:dfmajor** and

- :buffer-name** option for
- :create-p** option for
- :default** option for
- :end** option for
- :hack-fonts** option for
- :interval** option for
- :kill** option for
- :load-p** option for
- :ordered-p** option for
- :pathname** option for
- :start** option for
- :window** option for

- The

- :edit** message to
- :interval-string** message to
- :set-interval-string** message to

- :buffer-name** option for
- :create-p** option for
- :defaults** option for
- :end** option for
- :hack-fonts** option for
- :interval** option for
- :kill** option for
- :load-p** option for
- :ordered-p** option for
- :pathname** option for
- :start** option for
- :window** option for

- The

- zwei:*converse-mode*** variable CONV 7
- zwei:*converse-mode*** variable CONV 7
- zwei:*history-menu-length*** variable INED 17
- zwei:*history-rotate-if-numeric-arg*** variable INED 3, 9, 17
- zwei:*history-yank-wraparound*** variable INED 17
- zwei:*major-mode-translations*** Lisp variable ZMACS 182
- zwei:*set-attribute-update-list*** global variable ZMACS 128
- zwei:*set-attribute-updates-list*** variable RN 126
- zwei:add-bug-recipient** function ZMAILT 33
- zwei:com-zmail-select-all-conversations-by-references** function RN 130
- zwei:dfmajor** ZMACS 182
- zwei:dfmajor** and **zwei:dfminor** RN 127
- zwei:dfmajor** macro RN 127
- zwei:dfminor** RN 127
- zwei:dfminor** macro RN 127
- zwei:edit-functions** function ZMACS 11
- zwei:map-over-universe** message ZMAILC 13
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** MISCUI 20
- zwei:open-editor-stream** function MISCUI 20
- zwei:open-editor-stream** function MISCUI 20
- zwei:qsends-off** CONV 4
- zwei:qsends-off** function CONV 4
- zwei:qsends-on** CONV 4
- zwei:qsends-on** function CONV 4
- zwei:save-all-files** function MISCF 5
- zwei:standalone-editor-frame** MISCUI 23
- zwei:standalone-editor-frame** MISCUI 23
- zwei:standalone-editor-frame** MISCUI 23
- zwei:standalone-editor-frame** flavor MISCUI 23
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** MISCUI 20
- zwei:with-editor-stream** macro MISCUI 19
- zwei:with-editor-stream** macro MISCUI 19