


```

FFFFFFFFF 00000 RRRRRRR DDDDDDD AAAAAA TTTTTTTTT EEEEEEEEE
FFFFFFFFF 00000 RRRRRRR DDDDDDD AAAAAA TTTTTTTTT EEEEEEEEE
FF         00     00 RR      RR DD      DD AA      AA TT      EE
FF         00     00 RR      RR DD      DD AA      AA TT      EE
FF         00     00 RR      RR DD      DD AA      AA TT      EE
FF         00     00 RR      RR DD      DD AA      AA TT      EE
FFFFFFF    00     00 RRRRRRR DDD      DD AA      AA TT      EEEEEEE
FFFFFFF    00     00 RRRRRRR DDD      DD AA      AA TT      EEEEEEE
FF         00     00 RR      RR DD      DD AAAAAAAAAA TT      EE
FF         00     00 RR      RR DD      DD AAAAAAAAAA TT      EE
FF         00     00 RR      RR DD      DD AA      AA TT      EE
FF         00     00 RR      RR DD      DD AA      AA TT      EE
FF         00000 RR      RR DDDDDDD AA      AA TT      EEEEEEE
FF         00000 RR      RR DDDDDDD AA      AA TT      EEEEEEE

```

```

LL         IIIIII SSSSSSS
LL         IIIIII SSSSSSS
LL         II     SS
LL         II     SS
LL         II     SS
LL         II     SS
LL         II     SSSSSS
LL         II     SSSSSS
LL         II     SS
LL         II     SS
LL         II     SS
LL         II     SS
LLLLLLLLLL IIIIII SSSSSSS
LLLLLLLLLL IIIIII SSSSSSS

```

FOR\$DATE
Table of contents

; return system date in 9-byte array^{1 12} 15-SEP-1984 23:50:02 VAX/VMS Macro V04-00

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HISTORY ; Detailed Current Edit History
DECLARATIONS
FOR\$DATE - return system date as an 9 byte string

```
0000 1 .TITLE FOR$DATE ; return system date in 9-byte array
0000 2 .IDENT /1-002/ ; File: FOR$DATE.MAR
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28 :
0000 29 : FACILITY: FORTRAN SUPPORT LIBRARY
0000 30 : ++
0000 31 : ABSTRACT:
0000 32 :
0000 33 : Call system service $ASCTIM to return system date to user
0000 34 : area.
0000 35 :
0000 36 : --
0000 37 :
0000 38 : VERSION: 0
0000 39 :
0000 40 : HISTORY:
0000 41 :
0000 42 : AUTHOR:
0000 43 : Jonathan M. Taylor, 18-Aug-77: Version 0
0000 44 :
0000 45 : MODIFIED BY:
0000 46 :
0000 47 :
0000 48 :
```

FOR\$DATE
1-002

; return system date in 9-byte array K 12 15-SEP-1984 23:50:02 VAX/VMS Macro V04-00
HISTORY ; Detailed Current Edit History 6-SEP-1984 10:54:32 [FORRTL.SRC]FOR\$DATE.MAR;1

Page 2
(2)

0000 50 .SBTTL HISTORY ; Detailed Current Edit History
0000 51
0000 52
0000 53 ; Edit History for Version 0 of FOR\$DATE
0000 54 ;
0000 55
0000 56 : 0-3 - Remove FOR\$FLAG_JACKET. TNH 11-July-78
0000 57 : 1-001 - Update version number and copyright notice. JBS 16-NOV-78
0000 58 : 1-002 - Add '_' to the PSECT directive. JBS 22-DEC-78

```
0000 60      .SBTTL  DECLARATIONS
0000 61
0000 62 :
0000 63 : INCLUDE FILES:
0000 64 :   oerr.mar
0000 65 :
0000 66 :
0000 67 : EXTERNAL SYMBOLS:
0000 68 :   .GLOBL  SYSS$ASCTIM
0000 69 :
0000 70 :
0000 71 : MACROS:
0000 72 :   NONE
0000 73 :
0000 74 :
0000 75 : PSECT DECLARATIONS:
0000 76 :   .PSECT  _FOR$CODE      PIC, SHR, LONG, EXE, NOWRT
0000 77 :
0000 78 :
0000 79 : EQUATED SYMBOLS:
0000 80 :   NONE
0000 81 :
0000 82 :
0000 83 : OWN STORAGE:
0000 84 :   NONE
0000 85
```

```

0000 87      .SBTTL  FOR$DATE - return system date as an 9 byte string
0000 88
0000 89      :++
0000 90      : FUNCTIONAL DESCRIPTION:
0000 91      : Returns system date as an 9 byte string in the form
0000 92      : DD-MMM-YY. Build a work space on the stack to con-
0000 93      : tain the date returned by the system (DD-MMM-YYYY).
0000 94      : Do a $ASCTIM to get date into this area. Move the string
0000 95      : into the user area, artfully avoiding the first two YY's.
0000 96
0000 97      : CALLING SEQUENCE:
0000 98      : CALL    FOR$DATE (9_byte_array.wb.ra)
0000 99
0000 100
0000 101     : INPUT PARAMETERS:
0000 102     : 9_byte_array           the addr of 9 bytes into which the
0000 103     :                               string is to be placed
0000 104
0000 105     : IMPLICIT INPUTS:
0000 106     : NONE
0000 107
0000 108     : OUTPUT PARAMETERS:
0000 109     : NONE
0000 110
0000 111     : IMPLICIT OUTPUTS:
0000 112     : NONE
0000 113
0000 114     : COMPLETION CODES:
0000 115     : NONE
0000 116
0000 117     : SIDE EFFECTS:
0000 118     : NONE
0000 119
0000 120     :--
0000 121
0000 122
0000 123     .ENTRY  FOR$DATE,      ^M<R2,R3,R4,R5>
0000 124     SUBL   #12, SP          : make space for date string
0000 125     MOVL  SP, R2            : R2 -> space
0000 126     MOVL  R2, -(SP)         : build a string descriptor
0000 127     MOVL  #^X10E000B, -(SP) : len=11
0000 128     MOVL  SP, R0            : R0 -> string descriptor
0000 129     $ASCTIM_S, (R0)          : R2 -> date string
0000 130     MOVCS #7, (R2), @4(AP)  : move in 'dd-mmm-'
0000 131     CMPB  (R1)+, (R1)+       : skip '19'
0000 132     MOVCS #2, (R1), (R3)    : move in rest of year
0000 133     RET
0000 134
0000 135
0000 136     .END

```

			003C	0000	123
	5E	0C	C2	0002	124
	52	5E	D0	0005	125
7E	010E000B	7E	52	D0	0008
		8F	D0	000B	126
		50	5E	D0	0012
				0015	128
04	BC	62	07	28	0024
		81	81	91	0029
	63	61	02	28	002C
			04	0030	133
				0031	134
				0031	135
				0031	136

FORSDATE ; return system date in 9-byte array N 12
 Symbol table

15-SEP-1984 23:50:02 VAX/VMS Macro V04-00
 6-SEP-1984 10:54:32 [FORRTL.SRC]FORDATE.MAR;1

FORSDATE 00000000 RG 01
 SYSSASCTIM ***** G 00

 ! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes												
ABS	00000000 (0.)	00 (0.)	NOPIC USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE			
_FUR\$CODE	00000031 (49.)	01 (1.)	PIC USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG			

 ! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.07	00:00:00.83
Command processing	102	00:00:00.43	00:00:03.08
Pass 1	96	00:00:00.53	00:00:03.14
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	39	00:00:00.31	00:00:01.34
Symbol table output	2	00:00:00.01	00:00:00.02
Psect synopsis output	2	00:00:00.03	00:00:00.27
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	272	00:00:01.41	00:00:08.70

The working set limit was 900 pages.
 1785 bytes (4 pages) of virtual memory were used to buffer the intermediate code.
 There were 10 pages of symbol table space allocated to hold 2 non-local and 0 local symbols.
 136 source lines were read in Pass 1, producing 11 object records in Pass 2.
 2 pages of virtual memory were used to define 2 macros.

 ! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	2

15 GETS were required to define 2 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LISS:FORDATE/OBJ=OBJ\$:FORDATE MSRC\$:FORDATE/UPDATE=(ENH\$:FORDATE)

0179 AH-BT13A-SE
VAX/VMS V4.0

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The image displays a grid of software modules for VAX/VMS Lisette, organized into 24 columns and 12 rows. Each cell in the grid contains a small thumbnail of the software's user interface. The thumbnails vary in size and content, but many are clearly labeled with the name of the module and 'LIS' (Lisette).

Key modules visible in the grid include:

- COMR50WD LIS (top-left)
- FORDETS LIS (top-right)
- FORDECOMO LIS (second row, right)
- FORB LIS (middle row, center)
- FORCLOSEF LIS (middle row, right)
- FORCLOSE LIS (bottom row, center)
- FORDECOMP LIS (bottom row, right)
- FORDELETE LIS (bottom row, far right)
- FORDEFINE LIS (bottom row, far right)
- FORDISPA LIS (bottom row, far right)
- FORCUTR LIS (bottom row, center-right)
- FORBACKSP LIS (bottom row, center-left)
- FORBITOPS LIS (bottom row, center-left)
- COMUSEREX LIS (bottom row, left)
- COMRAD50 LIS (bottom row, left)
- FORASSOC LIS (second row from bottom, left)
- COMSETST LIS (second row from bottom, left)

The overall layout is a dense grid of these software thumbnails, providing a visual overview of the Lisette software suite.