```
MMM       MMM    000000000              MMM       MMM
MMM       MMM    000000000              MMM       MMM
MMM       MMM    000000000              MMM       MMM
MMMMMM MMMMMM   000     000    MMMMMM MMMMMM
MMMMMM MMMMMM   000     000    MMMMMM MMMMMM
MMMMMM MMMMMM   000     000    MMMMMM MMMMMM
MMM  MMM  MMM   000     000    MMM  MMM  MMM
MMM  MMM  MMM   000     000    MMM  MMM  MMM
MMM  MMM  MMM   000     000    MMM  MMM  MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM   000     000    MMM       MMM
MMM       MMM    000000000     MMM       MMM
MMM       MMM    000000000     MMM       MMM
MMM       MMM    000000000     MMM       MMM
```

FILEID**MONTESSTA

MONTESSTA

LIS

MOMTESTSTATES
V04-000

TEST STATE TABLES

M 16

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```
0000      1                    .TITLE   MOMTESTSTATES    TEST STATE TABLES
0000      2                    .IDENT   'V04-000'
0000      3
0000      4
0000      5          ;
0000      6          ;**************************************************************************
0000      7          ;*                                                                        *
0000      8          ;*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                              *
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0000     24          ;*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.              *
0000     25          ;*                                                                        *
0000     26          ;*                                                                        *
0000     27          ;**************************************************************************
0000     28          ;
0000     29
0000     30          ;++
0000     31          ; FACILITY:   DECnet-VAX Network Management Maintenance Operations Module (MOM)
0000     32          ;
0000     33          ; ABSTRACT:
0000     34          ;       This module contains the NPARSE state tables for processing
0000     35          ;       the NCP LOOP LINE and LOOP NODE command message parameters.
0000     36          ;
0000     37          ; ENVIRONMENT:  VAX/VMS Operating System
0000     38          ;
0000     39          ; AUTHOR:  Kathy Perko
0000     40          ;
0000     41          ; CREATION DATE: 10-Jan-1982
0000     42          ;
0000     43          ; MODIFIED BY:
0000     44          ;
0000     45          ;--
0000     46
0000     47
0000     48
0000     49
0000     50          ;
0000     51          ; INCLUDE FILES:
0000     52          ;
0000     53
0000     54  $NMADEF                                  ; Network Management Layer definitions
0000     55  $MOMDEF                                  ; MOM definitions
```

```
0000    57              .SBTTL  MOM$NPA_TEST     Test state tables
0000    58
0000    59 ;+
0000    60 ; Parameter parsing table for LOOP NODE with access control specified.
0000    61 ;-
0000    62
0000    63              IMSG$   MOM$NPA_TEST_NODE_ACC
0000    64 ;
0000    65 ; Parse accounting information.
0000    66 ;
0000    67              FIELD$  MOM_TEST_NODACC
0000    68              $EOM    ,MOM_FOR_ERR                     ; Message format error
0000    69
0000    70              FIELD$  MOM_TEST_USER                   ; User id
0000    71              $IMAGE  39,MOM_TEST_PASSWRD,MOM$SAVEUSER
0000    72              $NULL   ,MOM_FOR_ERR
0000    73
0000    74              FIELD$  MOM_TEST_PASSWRD                        ; Password
0000    75              $IMAGE  39,MOM_TEST_ACCT,MOM$SAVEPASSWRD
0000    76              $NULL   ,MOM_FOR_ERR
0000    77
0000    78              FIELD$  MOM_TEST_ACCT                   ; Account
0000    79              $IMAGE  39,MOM_TEST_LOOP,MOM$SAVEACCT
0000    80              $NULL   ,MOM_FOR_ERR
0000    81
0000    82
0000    83
0000    84              IMSG$   MOM$NPA_TEST
0000    85 ;
0000    86 ; Parse loopback parameters.
0000    87 ;
0000    88              FIELD$  MOM_TEST_LOOP
0000    89              $SBEXP  MOM_TEST_LPC                    ; Loop count
0050    90              $NEXT
0050    91
0050    92              FIELD$
0000    93              $SBEXP  MOM_TEST_LPL                    ; Loop length
0000    94              $NEXT
0058    95
0058    96              FIELD$
C000    97              $SBEXP  MOM_TEST_LPD                    ; Loop data
0000    98              $NEXT
0060    99
0060   100              FIELD$
0000   101              $EOM    ,NPA$_EXIT                      ; End of message
0000   102              $MATCH  2,MOM_PTY_ERR                   ; Unrecognized parameter error
0000   103              $NULL   ,MOM_FOR_ERR                    ; Message format error
0000   104
0000   105
0000   106
0000   107              FIELD$  MOM_TEST_LPC                         ; Loop count
0000   108              $WORD   NMA$C_PCNO_LPC,MOM_WORD_SUB,,SVD$GK_PCNO_LPC,MOM$GL_SVD_INDEX
0000   109
0000   110              FIELD$  MOM_TEST_LPL                         ; Loop length
0000   111              $WORD   NMA$C_PCNO_LPL,MOM_WORD_SUB,,SVD$GK_PCNO_LPL,MOM$GL_SVD_INDEX
0000   112
0000   113              FIELD$  MOM_TEST_LPD                         ; Loop data type
```

MOMTESTSTATES
V04-000

TEST STATE TABLES
MOM$NPA_TEST Test state tables

C   1

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```
0000   114         $WORD   NMA$C_PCNO_LPD,MOM_BYTE_SUB,,SVD$GK_PCNO_LPD,MOM$GL_SVD_INDEX
0000   115
0C00   116
```

```
        0000    118 ;
        0000    119 ; Common subexpressions.
        0000    120 ;
        0000    121        FIELD$  MOM_BYTE_SUB      ; Single byte parameter
        0000    122        $MATCH  1,NPA$_EXIT,MOM$SAVE_PARAM
        0000    123        $NULL   ,MOM_FOR_ERR     ; Format error
        0000    124
        0000    125        FIELD$  MOM_WORD_SUB     ; Word parameter
        0000    126        $MATCH  2,NPA$_EXIT,MOM$SAVE_PARAM
        0000    127        $NULL   ,MOM_FOR_ERR     ; Format error
        0000    128
        0000    129
        0000    130 ;
        0000    131 ; Error subexpressions.
        0000    132 ;
        0000    133        FIELD$  MOM_CMP_ERR               ; Unrecognized component error
        0000    134        $ERROR  ,,MOM$PARSE_ERROR,,,NMA$C_STS_CMP
        0000    135
        0000    136        FIELD$  MOM_PTY_ERR               ; Parameter type error
        0000    137        $ERROR  ,,MOM$PARSE_ERROR,,,NMA$C_STS_PTY
        0000    138
        0000    139        FIELD$  MOM_FOR_ERR               ; Message format error
        0000    140        $ERROR  ,,MOM$PARSE_ERROR,,,NMA$C_STS_SIZ
        0000    141        FIELD$                            ; End test states
        0000    142
        0000    143        .END
```

```
FLGSSS                       = FFFFFFFF
MOM$GL_SVD_INDEX               ********  X    03
MOM$NPA_TEST                   00000048 RG    03
MOM$NPA_TEST_NODE_ACC          00000000 RG    03
MOM$PARSE_ERROR                ******** X     03
MOM$SAVEACCT                   ******** X     03
MOM$SAVEPASSWRD                ******** X     03
MOM$SAVEUSER                   ******** X     03
MOM$SAVE_PARAM                 ******** X     03
MOM_BYTE_SUB                   000000B8 R     03
MOM_CMP_ERR                    000000E8 R     03
MOM_FOR_ERR                    00000110 R     03
MOM_PTY_ERR                    000000FC R     03
MOM_TEST_ACCT                  00000038 R     03
MOM_TEST_LOOP                  00000048 R     03
MOM_TEST_LPC                   0000007C R     03
MOM_TEST_LPD                   000000A4 R     03
MOM_TEST_LPL                   00000090 R     03
MOM_TEST_NODACC                00000000 R     03
MOM_TEST_PASSWRD               00000020 R     03
MOM_TEST_USER                  00000008 R     03
MOM_WORD_SUB                   000000D0 R     03
NMA$C_PCNO_LPC               = 00000096
NMA$C_PCNO_LPD               = 00000098
NMA$C_PCNO_LPL               = 00000097
NMA$C_STS_CMP               = FFFFFFF8
NMA$C_STS_PTY               = FFFFFFFA
NMA$C_STS_SIZ               = FFFFFFFC
NPA$M_ACTION                = 00000004
NPA$M_EXT                   = 00000001
NPA$M_LAST                  = 00008000
NPA$M_MASK                  = 00000010
NPA$M_MSKADR                = 00000020
NPA$M_OFFSET                = 00000040
NPA$M_PARAM                 = 00000002
NPA$M_STATE                 = 00000008
NPA$_ADVANCE                = 00000001
NPA$_BYTE                   = 00000003
NPA$_EOM                    = 00000004
NPA$_ERROR                  = 00000007
NPA$_EXIT                   = 00000000
NPA$_EXTZV                  = 0000000A
NPA$_FAIL                   = FFFFFFFF
NPA$_IMAGE                  = 00000000
NPA$_LOOK                   = 00000009
NPA$_MASK                   = 00000002
NPA$_MATCH                  = 00000008
NPA$_NULL                   = 00000005
NPA$_SBEXP                  = 00000006
NPA$_WORD                   = 00000001
NXT$$$                      = 00000000
SVD$GK_PCNO_LPC                ******** X     03
SVD$GK_PCNO_LPD                ******** X     03
SVD$GK_PCNO_LPL                ******** X     03
```

```
                                 +-------------------+
                                 ! Psect synopsis !
                                 +-------------------+

PSECT name                  Allocation          PSECT No.   Attributes
----------                  ----------          ---------   ----------
 .  ABS  .                  00000000  (    0.)   00 (   0.)  NOPIC   USR   CON   ABS   LCL NOSHR NOEXE  NORD  NOWRT NOVEC BYTE
 .  BLANK .                 00000000  (    0.)   01 (   1.)  NOPIC   USR   CON   REL   LCL NOSHR  EXE   RD     WRT NOVEC BYTE
 $ABS$                      00000000  (    0.)   02 (   2.)  NOPIC   USR   CON   ABS   LCL NOSHR  EXE   RD     WRT NOVEC BYTE
 NPA$STATE                  00000124  (  292.)   03 (   3.)  NOPIC   USR   CON   REL   LCL NOSHR NOEXE  RD    NOWRT NOVEC BYTE
```

```
                              +----------------------------+
                              ! Performance indicators !
                              +----------------------------+
```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	31	00:00:00.12	00:00:00.47
Command processing	120	00:00:00.90	00:00:05.60
Pass 1	367	00:00:12.07	00:00:32.17
Symbol table sort	0	00:00:01.34	00:00:02.02
Pass 2	42	00:00:01.90	00:00:04.65
Symbol table output	7	00:00:00.09	00:00:00.23
Psect synopsis output	3	00:00:00.03	00:00:00.10
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	572	00:00:16.45	00:00:45.24

The working set limit was 1500 pages.
61709 bytes (121 pages) of virtual memory were used to buffer the intermediate code.
There were 60 pages of symbol table space allocated to hold 966 non-local and 0 local symbols.
143 source lines were read in Pass 1, producing 16 object records in Pass 2.
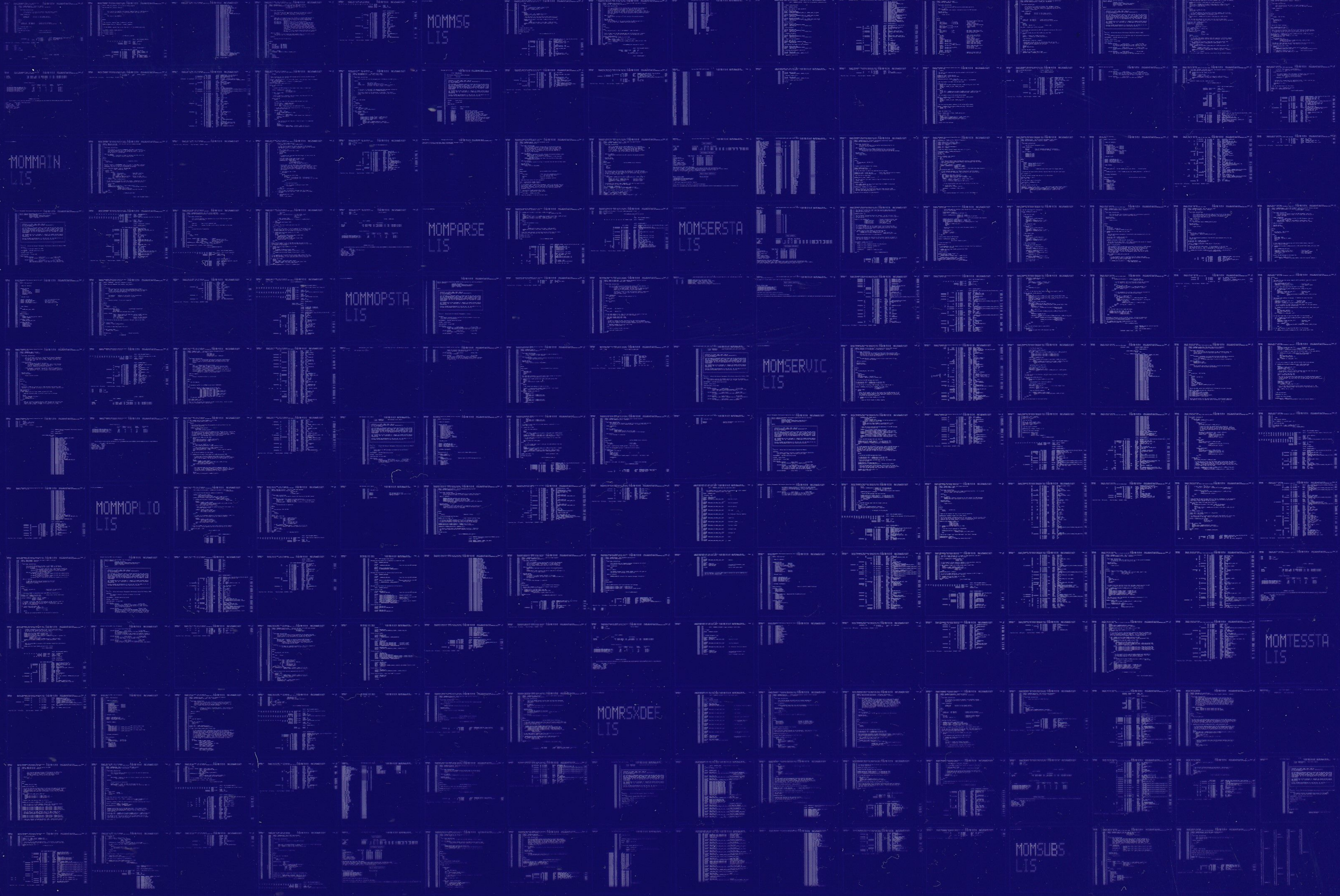31 pages of virtual memory were used to define 28 macros.

```
                           +------------------------------+
                           ! Macro library statistics !
                           +------------------------------+
```

Macro library name	Macros defined
_255DUA28:[SHRLIB]NMALIBRY.MLB;1	1
_255DUA28:[SYS.OBJ]LIB.MLB;1	0
_255DUA28:[MOM.OBJ]MOMLIB.MLB;1	14
_255DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	18

1193 GETS were required to define 18 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:MOMTESSTA/OBJ=OBJ$:MOMTESSTA MSRC$:MOMTESSTA/UPDATE=(ENH$:MOMTESSTA)+LIB$:MOMLIB/LIB+EXECML$/LIB+SHRLIB$:NMALIBRY/LIB

MOMMSG
LIS

MOMMAIN
LIS

MOMPARSE
LIS

MOMSERSTA
LIS

MOMMOPSTA
LIS

MOMSERVIC
LIS

MOMMOPLIO
LIS

MOMTESSTA
LIS

MOMRSXDEE
LIS

MOMSUBS
LIS

COLLEVT.
LIS

MOMTEST
LIS

MONDEF
SDL

GETBUFF
LIS

MONSUB
CLD

COLLEVT
LIS

NPARSE
LIS

MONTOR

MONITOR
MAP

DSPDEF
MDL