MCLDR

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XX      XX  FFFFFFFFFF  LL              000000      AAAAAA    DDDDDDDD    EEEEEEEEEE   RRRRRRRR
XX      XX  FFFFFFFFFF  LL              000000      AAAAAA    DDDDDDDD    EEEEEEEEEE   RRRRRRRR
XX      XX  FF          LL          00      00    AA    AA    DD    DD    EE           RR      RR
XX      XX  FF          LL          00      00    AA    AA    DD    DD    EE           RR      RR
  XX  XX    FF          LL          00      00    AA    AA    DD    DD    EE           RR      RR
  XX  XX    FF          LL          00      00    AA    AA    DD    DD    EE           RR      RR
   XX       FFFFFFF     LL          00      00    AA    AA    DD    DD    EEEEEEE      RRRRRRRR
   XX       FFFFFFF     LL          00      00    AA    AA    DD    DD    EEEEEEE      RRRRRRRR
  XX  XX    FF          LL          00      00    AAAAAAAAAA  DD    DD    EE           RR  RR
  XX  XX    FF          LL          00      00    AAAAAAAAAA  DD    DD    EE           RR  RR
XX      XX  FF          LL          00      00    AA    AA    DD    DD    EE           RR    RR      ...
XX      XX  FF          LL          00      00    AA    AA    DD    DD    EE           RR    RR      ...
XX      XX  FF          LLLLLLLLLL      000000    AA    AA    DDDDDDDD    EEEEEEEEEE   RR      RR    ...
XX      XX  FF          LLLLLLLLLL      000000    AA    AA    DDDDDDDD    EEEEEEEEEE   RR      RR    ...


MM      MM    AAAAAA    PPPPPPPP
MM      MM    AAAAAA    PPPPPPPP
MMMM  MMMM  AA    AA    PP      PP
MMMM  MMMM  AA    AA    PP      PP
MM  MM  MM  AA    AA    PP      PP
MM  MM  MM  AA    AA    PP      PP
MM      MM  AA    AA    PPPPPPPP
MM      MM  AA    AA    PPPPPPPP
MM      MM  AAAAAAAAAA  PP
MM      MM  AAAAAAAAAA  PP
MM      MM  AA    AA    PP
MM      MM  AA    AA    PP
MM      MM  AA    AA    PP
MM      MM  AA    AA    PP
```

LAA
V04

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8C
01
01
05
67
5E
65
66
9E
01
9E
89
21
41
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```
                               +-----------------------------+
                               ! Object Module Synopsis !
                               +-----------------------------+

Module Name     Ident          Bytes    File                                      Creation Date      Creator
-----------     -----          -----    ----                                      -------------      -------
XFLOADER        V04-000         6598  [MCLDR.OBJ]XFLOADER.OBJ;1                    16-SEP-1984 01:54  VAX/VMS Macro V04-00
SYS             V04-000            0  _$255$DUA28:[SYSOBJ]SYS.STB;1                16-SEP-1984 04:00  VAX-11 Linker V04-00
SYS$IODEF       V04-000            0  _$255$DUA28:[SYSLIB]STARLET.OLB;2            16-SEP-1984 00:18  VAX/VMS Macro V04-00
RMS$GLOBALS     V04-000            0  _$255$DUA28:[SYSLIB]STARLET.OLB;2            16-SEP-1984 01:35  VAX/VMS Macro V04-00
SYS$SSDEF       V04-000            0  _$255$DUA28:[SYSLIB]STARLET.OLB;2            16-SEP-1984 01:18  VAX/VMS Macro V04-00
SYS$P1_VECTOR   V04-000            0  _$255$DUA28:[SYSLIB]STARLET.OLB;2            16-SEP-1984 00:40  VAX/VMS Macro V04-00
```

```
                          +--------------------------+
                          ! Image Section Synopsis !
                          +--------------------------+

Cluster        Type Pages  Base Addr  Disk VBN PFC Protection and Paging      Global Sec. Name  Match    Majorid  Minorid
-------        ---- -----  ---------  -------- --- ----------------------     ----------------  -----    -------  -------

DEFAULT_CLUSTER   0    2   00000200      2    0 READ ONLY
                  0    1   00000600      4    0 READ WRITE   COPY ON REF
                  0   10   00000800      0    0 READ WRITE DEMAND ZERO
                  0    1   00001C00      5    0 READ WRITE   COPY ON REF
                  0    1   00001E00      6    0 READ WRITE   FIXUP VECTORS
                253   20   7FFFD800      0    0 READ WRITE DEMAND ZERO


        Key for special characters above:
        +--------------------+
        ! R  - Relocatable !
        ! P  - Protected    !
        +--------------------+
```

```
                                    +------------------------------+
                                    ! Program Section Synopsis !
                                    +------------------------------+
```

Psect Name	Module Name	Base	End	Length		Align	Attributes
XFCODE		00000200	0000054A	0000034B (	843.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	XFLOADER	00000200	0000054A	0000034B (	843.)	LONG 2	
$RMSNAM		00000600	0000060C	0000000D (	13.)	BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	XFLOADER	00000600	0000060C	0000000D (	13.)	BYTE 0	
XFDATA		00000610	00001C7D	0000166E (	5742.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	XFLOADER	00000610	00001C7D	0000166E (	5742.)	LONG 2	

+---------------------------+
! Symbol Cross Reference !
+---------------------------+

Symbol	Value	Defined By	Referenced By ...
ASSIGN	00000445-R	XFLOADER	
IO$_LOADMCODE	00000001	SYS$IODEF	XFLOADER
IOC$FFCHAN	8001058C	SYS	XFLOADER
IOC$SEARCHDEV	800105D0	SYS	XFLOADER
IOC$UNLOCK	80010810	SYS	XFLOADER
RMS$_EOF	0001827A	RMS$GLOBALS	XFLOADER
SCH$GL_CURPCB	800021F8	SYS	XFLOADER
SCH$IOLOCKW	8000ADF7	SYS	XFLOADER
SS$_NORMAL	00000001	SYS	XFLOADER
SS$_NOSUCHDEV	00000908	SYS$SSDEF	XFLOADER
SYS$CLOSE	7FFEE1B8	SYS	XFLOADER
SYS$CMKRNL	7FFEDE90	SYS	XFLOADER
SYS$CONNECT	7FFEE1C0	SYS	XFLOADER
SYS$CREATE	7FFEE1C8	SYS	XFLOADER
SYS$DASSGN	7FFEDEE0	SYS	XFLOADER
SYS$GET	7FFEE180	SYS	XFLOADER
SYS$GETCHN	7FFEE0C8	SYS	XFLOADER
SYS$GETMSG	7FFEE0B0	SYS	XFLOADER
SYS$HIBER	7FFEDF88	SYS	XFLOADER
SYS$K_VERSION	48513258	SYS	
SYS$OPEN	7FFEE208	SYS	XFLOADER
SYS$PUT	7FFEE188	SYS	XFLOADER
SYS$QIOW	7FFEDE00	SYS	XFLOADER
SYS$SETPRA	7FFEE018	SYS$P1_VECTOR	XFLOADER
XFLOADER	00000265-R	XFLOADER	

```
                            +---------------------+
                            ! Symbols By Value    !
                            +---------------------+

Value                                     Symbols...
-----                                     ----------
00000001          IO$_LOADMCODE      SS$_NORMAL
00000265        R-XFLOADER
00000445        R-ASSIGN
00000908          SS$_NOSUCHDEV
0001827A          RMS$_EOF
48513258          SYS$R_VERSION
7FFEDE00          SYS$QIOW
7FFEDE90          SYS$CMKRNL
7FFEDEE0          SYS$DASSGN
7FFEDF88          SYS$HIBER
7FFEE018          SYS$SETPRA
7FFEE0B0          SYS$GETMSG
7FFEE0C8          SYS$GETCHN
7FFEE180          SYS$GET
7FFEE188          SYS$PUT
7FFEE1B8          SYS$CLOSE
7FFEE1C0          SYS$CONNECT
7FFEE1C8          SYS$CREATE
7FFEE208          SYS$OPEN
800021F8          SCH$GL_CURPCB
8000ADF7          SCH$IOLOCKW
8001058C          IOC$FFCHAN
800105D0          IOC$SEARCHDEV
80010810          IOC$UNLOCK


        Key for special characters above:
              +---------------------+
              !  *  - Undefined     !
              !  U  - Universal     !
              !  R  - Relocatable   !
              !  X  - External      !
              +---------------------+
```

```
                                    +------------------+
                                    ! Image Synopsis !
                                    +------------------+
```

Virtual memory allocated:	00000200 00001FFF 00001E00 (7680. bytes, 15. pages)
Stack size:	20. pages
Image header virtual block limits:	1. 1. (1. block)
Image binary virtual block limits:	2. 6. (5. blocks)
Image name and identification:	XFLOADER V04-000
Number of files:	5.
Number of modules:	6.
Number of program sections:	7.
Number of global symbols:	24.
Number of cross references:	47.
Number of image sections:	6.
User transfer address:	00000265
Image type:	EXECUTABLE.
Map format:	FULL WITH CROSS REFERENCE in file _255DUA28:[MCLDR.LIS]XFLOADER.MAP;1
Estimated map length:	26. blocks

```
                              +----------------------+
                              ! Link Run Statistics !
                              +----------------------+
```

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	64	00:00:00.28	00:00:00.43
Pass 1:	115	00:00:02.10	00:00:12.24
Allocation/Relocation:	21	00:00:00.12	00:00:00.68
Pass 2:	40	00:00:00.62	00:00:04.39
Map data after object module synopsis:	18	00:00:00.27	00:00:00.63
Symbol table output:	1	00:00:00.03	00:00:00.48
Total run values:	259	00:00:03.42	00:00:18.85

Using a working set limited to 900 pages and 36 pages of data storage (excluding image)

Total number object records read (both passes):   484
    of which 148 were in libraries and 2 were DEBUG data records containing 118 bytes

Number of modules extracted explicitly   = 0
    with 4 extracted to resolve undefined symbols

4 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/EXE=EXE$:XFLOADER/MAP=MAP$:XFLOADER/FULL/CROSS OBJ$:XFLOADER+EXSM:SYS.STB/SELECTIVE

MELDR

MDL32

LALOAD
MAP

MDL32
MAP

XFLOADER
MAP

LALOADER
LIS

XFLOADER
LIS

LADAMCODE
LIS

LALOAD
LIS

MARBLI

MARBLI
MAP

LALOADER
MAP

LAMRMCODE
LIS

LAADMCODE
LIS

MARBLI
LIS

LADMPT
LIS