DRIVER

```
PPPPPPPP    UU      UU  DDDDDDD    RRRRRRRR    IIIIII    VV        VV  EEEEEEEEEE  RRRRRRRR
PPPPPPPP    UU      UU  DDDDDDD    RRRRRRRR    IIIIII    VV        VV  EEEEEEEEEE  RRRRRRRR
PP      PP  UU      UU  DD      DD  RR      RR      II      VV      VV  EE          RR      RR
PP      PP  UU      UU  DD      DD  RR      RR      II      VV      VV  EE          RR      RR
PP      PP  UU      UU  DD      DD  RR      RR      II      VV      VV  EE          RR      RR
PPPPPPPP    UU      UU  DD      DD  RRRRRRRR      II      VV      VV  EEEEEEEE    RRRRRRRR
PPPPPPPP    UU      UU  DD      DD  RRRRRRRR      II      VV      VV  EEEEEEEE    RRRRRRRR
PP          UU      UU  DD      DD  RR  RR          II      VV      VV  EE          RR  RR
PP          UU      UU  DD      DD  RR  RR          II      VV      VV  EE          RR  RR
PP          UU      UU  DD      DD  RR      RR      II          VV  VV    EE          RR      RR
PP          UU      UU  DD      DD  RR      RR      II          VV  VV    EE          RR      RR    ....
PP              UUUUUUUUUU  DDDDDDD    RR      RR  IIIIII          VV    EEEEEEEEEE  RR      RR    ....
PP              UUUUUUUUUU  DDDDDDD    RR      RR  IIIIII          VV    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  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
```

```
                               +--------------------------+
                               ! Object Module Synopsis !
                               +--------------------------+
```

Module Name	Ident	Bytes	File	Creation Date	Creator
PUDRIVER	V04-000	5105	_255DUA28:[DRIVER.OBJ]DRIVER.OLB;1	16-SEP-1984 01:05	VAX/VMS Macro V04-00
SYS	V04-000	0	_255DUA28:[SYSOBJ]SYS.STB;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
SYS$IODEF	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	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	2	10	00000000	2	0	READ WRITE COPY ON REF				

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

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

Psect Name	Module Name	Base	End	Length	Align	Attributes
$$$105_PROLOGUE		00000000	0000005B	0000005C (	92.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	PUDRIVER	00000000	0000005B	0000005C (	92.) BYTE 0	
$$$115_DRIVER		0000005C	000013F0	00001395 (	5013.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	PUDRIVER	0000005C	000013F0	00001395 (	5013.) LONG 2	

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

Symbol	Value	Defined By	Referenced By ...
BUG$_UDAPORT	000005D8	SYS	PUDRIVER
BUG$_UNSUPRTCPU	00000670	SYS	PUDRIVER
DEV$M_AVL	00040000	SYS$IODEF	PUDRIVER
DEV$M_ELG	00400000	SYS$IODEF	PUDRIVER
DEV$M_IDV	04000000	SYS$IODEF	PUDRIVER
DEV$M_ODV	08000000	SYS$IODEF	PUDRIVER
DEV$M_SHR	00010000	SYS$IODEF	PUDRIVER
ERL$DEVICEATTN	8000CA97	SYS	PUDRIVER
ERL$LOGMESSAGE	8000CB8A	SYS	PUDRIVER
EXE$ALONONPAGED	8000A901	SYS	PUDRIVER
EXE$ALOPHYCNTG	8000AD64	SYS	PUDRIVER
EXE$GB_CPUTYPE	80003FA0	SYS	PUDRIVER
EXE$GL_ABSTIM	80002B38	SYS	PUDRIVER
EXE$GL_TENUSEC	80002C50	SYS	PUDRIVER
EXE$GL_UBDELAY	80002C54	SYS	PUDRIVER
EXE$GQ_SYSTIME	80002B40	SYS	PUDRIVER
EXE$IOFORK	8000A044	SYS	PUDRIVER
EXE$SNDEVMSG	80001A24	SYS	PUDRIVER
EXE$ZEROPARM	800094CF	SYS	PUDRIVER
FPC$ACCEPT	00000D57-R	PUDRIVER	
FPC$ALLOCDG	00000D57-R	PUDRIVER	
FPC$ALLOCMSG	00000E8A-R	PUDRIVER	
FPC$CONNECT	00000D7D-R	PUDRIVER	
FPC$DCONNECT	00000E4D-R	PUDRIVER	
FPC$DEALLOCDG	00000D57-R	PUDRIVER	
FPC$DEALLOMSG	00000EF1-R	PUDRIVER	
FPC$DEALRGMSG	00000EEC-R	PUDRIVER	
FPC$MAINTFCN	00000D57-R	PUDRIVER	
FPC$MAP	00000D57-R	PUDRIVER	
FPC$MAPBYPASS	00000D57-R	PUDRIVER	
FPC$MAPIRP	0000103A-R	PUDRIVER	
FPC$MAPIRPBYP	00000D57-R	PUDRIVER	
FPC$MAPIRP_BDA	0000118B-R	PUDRIVER	
FPC$MAPIRP_UV1	00001070-R	PUDRIVER	
FPC$MRESET	00000D5B-R	PUDRIVER	
FPC$MSTART	00000D67-R	PUDRIVER	
FPC$QUEUEDG	00000EF9-R	PUDRIVER	
FPC$QUEUEMDGS	00000D57-R	PUDRIVER	
FPC$RCHMSGBUF	00000F4F-R	PUDRIVER	
FPC$RCLMSGBUF	00000F8E-R	PUDRIVER	
FPC$READCOUNT	00000D57-R	PUDRIVER	
FPC$REJECT	00000D57-R	PUDRIVER	
FPC$REQDATA	00000D57-R	PUDRIVER	
FPC$RLSCOUNT	00000D57-R	PUDRIVER	
FPC$SENDDATA	00000D57-R	PUDRIVER	
FPC$SENDDG	00000D57-R	PUDRIVER	
FPC$SENDMSG	00000D57-R	PUDRIVER	
FPC$SENDRGDG	00000D57-R	PUDRIVER	
FPC$SNDCNTMSG	00000FCD-R	PUDRIVER	

Symbol	Value	Defined By	Referenced By ...
FPC$STOP_VCS	00000D57-R	PUDRIVER	
FPC$UNMAP	0000118C-R	PUDRIVER	
FPC$UNMAP_BDA	00001219-R	PUDRIVER	
FPC$UNMAP_UV1	000011BE-R	PUDRIVER	
INI$BRK	8000EB63	SYS	PUDRIVER
INIT_CTLR	00000289-R	PUDRIVER	
IOC$ALLOSPT	8000D39C	SYS	PUDRIVER
IOC$ALOUBMAPRM	8000D1C6	SYS	PUDRIVER
IOC$LOADUBAMAP	8000DB65	SYS	PUDRIVER
IOC$LUBAUDAMAP	8000DC2B	SYS	PUDRIVER
IOC$MNTVER	8000CF43	SYS	PUDRIVER
IOC$PURGDATAP	80003550	SYS	PUDRIVER
IOC$RELDATAPUDA	8000CFF9	SYS	PUDRIVER
IOC$RELMAPUDA	8000D270	SYS	PUDRIVER
IOC$REQCOM	8000CEB4	SYS	PUDRIVER
IOC$REQDATAP	8000CF79	SYS	PUDRIVER
IOC$REQDATAPUDA	8000CF99	SYS	PUDRIVER
IOC$REQMAPUDA	8000D065	SYS	PUDRIVER
IOC$REQPCHANL	8000CE5B	SYS	PUDRIVER
IOC$RETURN	8000D355	SYS	PUDRIVER
IOC$THREADCRB	8000D94D	SYS	PUDRIVER
IOC$WFIKPCH	8000D356	SYS	PUDRIVER
MMG$GL_SPTBASE	80003F3C	SYS	PUDRIVER
PU$CTLINIT	00000288-R	PUDRIVER	
PU$DDT	0000005C-R	PUDRIVER	
PU$INT	0000125D-R	PUDRIVER	
PU$SCSOFFSET	00000240-R	PUDRIVER	
PU$UNITINIT	0000027E-R	PUDRIVER	
SCS$DEALL_CDT	80003714	SYS	PUDRIVER
SCS$GB_UDABURST	80003D86	SYS	PUDRIVER
SCS$GQ_CONFIG	800036B0	SYS	PUDRIVER
SCS$RESUMEWAITR	8000373E	SYS	PUDRIVER
SYS$GL_OPRMBX	800015D0	SYS	PUDRIVER
SYS$K_VERSION	48513258	SYS	

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


Value                                      Symbols...
-----                                      ----------
0000005C          R-PU$DDT
00000240          R-PU$SCSOFFSET
0000027E          R-PU$UNITINIT
00000288          R-PU$CTLINIT
00000289          R-INIT_CTLR
000005D8            BUG$_UDAPORT
00000670            BUG$_UNSUPRTCPU
00000D57          R-FPC$ACCEPT         R-FPC$ALLOCDG       R-FPC$DEALLOCDG     R-FPC$MAINTFCN      R-FPC$MAP           R-FPC$MAPBYPASS
                  R-FPC$MAPIRPBYP      R-FPC$QUEUEMDGS     R-FPC$READCOUNT     R-FPC$REJECT        R-FPC$REQDATA       R-FPC$RLSCOUNT
                  R-FPC$SENDDATA       R-FPC$SENDDG        R-FPC$SENDMSG       R-FPC$SENDRGDG      R-FPC$STOP_VCS
00000D5B          R-FPC$MRESET
00000D67          R-FPC$MSTART
00000D7D          R-FPC$CONNECT
00000E4D          R-FPC$DCONNECT
00000E8A          R-FPC$ALLOCMSG
00000EEC          R-FPC$DEALRGMSG
00000EF1          R-FPC$DEALLOMSG
00000EF9          R-FPC$QUEUEDG
00000F4F          R-FPC$RCHMSGBUF
00000F8E          R-FPC$RCLMSGBUF
00000FCD          R-FPC$SNDCNTMSG
0000103A          R-FPC$MAPIRP
00001070          R-FPC$MAPIRP_UV1
0000118B          R-FPC$MAPIRP_BDA
0000118C          R-FPC$UNMAP
000011BE          R-FPC$UNMAP_UV1
00001219          R-FPC$UNMAP_BDA
0000125D          R-PU$INT
00010000          DEV$M_SHR
00040000          DEV$M_AVL
00400000          DEV$M_ELG
04000000          DEV$M_IDV
08000000          DEV$M_ODV
48513258          SYS$K_VERSION
800015D0          SYS$GL_OPRMBX
80001A24          EXE$SNDEVMSG
80002B38          EXE$GL_ABSTIM
80002B40          EXE$GQ_SYSTIME
80002C50          EXE$GL_TENUSEC
80002C54          EXE$GL_UBDELAY
80003550          IOC$PURGDATAP
800036B0          SCS$GQ_CONFIG
80003714          SCS$DEALL_CDT
8000373E          SCS$RESUMEWAITR
80003DB6          SCS$GB_UDABURST
80003F3C          MMG$GL_SPTBASE
80003FA0          EXE$GB_CPUTYPE
800094CF          EXE$ZEROPARM
8000A044          EXE$IOFORK
```

Value   Symbols...
-----   ----------
8000A901   EXE$ALONONPAGED
8000AD64   EXE$ALOPHYCNTG
8000CA97   ERL$DEVICEATTN
8000CB8A   ERL$LOGMESSAGE
8000CE5B   IOC$REQPCHANL
8000CEB4   IOC$REQCOM
8000CF43   IOC$MNTVER
8000CF79   IOC$REQDATAP
8000CF99   IOC$REQDATAPUDA
8000CFF9   IOC$RELDATAPUDA
8000D065   IOC$REQMAPUDA
8000D1C6   IOC$ALOUBMAPRM
8000D270   IOC$RELMAPUDA
8000D355   IOC$RETURN
8000D356   IOC$WFIKPCH
8000D39C   IOC$ALLOSPT
8000D94D   IOC$THREADCRB
8000DB65   IOC$LOADUBAMAP
8000DC2B   IOC$LUBAUDAMAP
8000EB63   INI$BRK

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

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

Virtual memory allocated:                   00000000 000013FF 00001400 (5120. bytes, 10. pages)
Stack size:                                          0. pages
Image header virtual block limits:                   1.          1. (      1. block)
Image binary virtual block limits:                   0.          0. (      0. blocks)
Image name and identification:              PUDRIVER V04-000
Number of files:                                     4.
Number of modules:                                   3.
Number of program sections:                          5.
Number of global symbols:                           82.
Number of cross references:                        125.
Number of image sections:                            1.
Image type:                                 NOPIC, SHAREABLE. Global Section Match=EQUAL, Ident, Major=18, Minor=14968102
Map format:                                 FULL WITH CROSS REFERENCE in file _$255$DUA28:[DRIVER.LIS]PUDRIVER.MAP;1
Estimated map length:                       33. blocks
                                            +----------------------+
                                            ! Link Run Statistics !
                                            +----------------------+

Performance Indicators                      Page Faults    CPU Time           Elapsed Time
----------------------                      -----------    --------           ------------
        Command processing:                         44    00:00:00.31        00:00:00.93
        Pass 1:                                      66    00:00:01.45        00:00:09.94
        Allocation/Relocation:                       10    00:00:00.13        00:00:00.62
        Pass 2:                                      21    00:00:00.48        00:00:02.25
        Map data after object module synopsis:       17    00:00:00.55        00:00:00.59
        Symbol table output:                          0    00:00:00.04        00:00:00.47
Total run values:                                   158    00:00:02.96        00:00:14.80

Using a working set limited to 600 pages and 77 pages of data storage (excluding image)

Total number object records read (both passes):  274
    of which 79 were in libraries and 2 were DEBUG data records containing 76 bytes

Number of modules extracted explicitly        = 1
    with 1 extracted to resolve undefined symbols

5 library searches were for symbols not in the library searched

A total of 4 global symbol table records was written

LINK/USERLIB=PROC/NOSYSSHR/NOTRACEBACK/NODEBUG/SHARE=EXE$:PUDRIVER/CONTIGUOUS/MAP=MAP$:PUDRIVER/FULL/CROSS LIB$:DRIVER/INCLUDE=PUDRI
VER,EXSH:SYS.STB/SELECTIVE,SYS$INPUT/OPTION
BASE=0
```

XWDRIVER
MAP

RTDRIVER
MAP

XADRIVER
MAP

TMDRIVER
MAP

XFDRIVER
MAP

TUDRIVER
MAP

XIDRIVER
MAP

MBXDRIVER
MAP

PUDRIVER
MAP

PADRIVER
MAP

XEDRIVER
MAP

XQDRIVER
MAP

DDCMPDEF
MDL

XGDEF
MDL

TFDRIVER
MAP

XDDRIVER
MAP

TSDRIVER
MAP

XGDRIVER
MAP

XMDRIVER
MAP

DUTUMAC
MAR

NODRIVER
MAP