```
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEE                RRR         RRR     FFF
EEE                RRR         RRR     FFF
EEE                RRR         RRR     FFF
EEE                RRR         RRR     FFF
EEE                RRR         RRR     FFF
EEE                RRR         RRR     FFF
EEEEEEEEEEEE       RRRRRRRRRRRR        FFFFFFFFFFF
EEEEEEEEEEEE       RRRRRRRRRRRR        FFFFFFFFFFF
EEEEEEEEEEEE       RRRRRRRRRRRR        FFFFFFFFFFF
EEE                RRR   RRR           FFF
EEE                RRR   RRR           FFF
EEE                RRR   RRR           FFF
EEE                RRR     RRR         FFF
EEE                RRR     RRR         FFF
EEE                RRR     RRR         FFF
EEEEEEEEEEEEEEEE   RRR        RRR      FFF
EEEEEEEEEEEEEEEE   RRR        RRR      FFF
EEEEEEEEEEEEEEEE   RRR        RRR      FFF
```

```
EEEEEEEEEE   RRRRRRRR    FFFFFFFFFF   CCCCCCC    000000    MM       MM  MM       MM   000000    NN        NN
EEEEEEEEEE   RRRRRRRR    FFFFFFFFFF   CCCCCCC    000000    MM       MM  MM       MM   000000    NN        NN
EE           RR     RR   FF          CC         00    00  MMMM   MMMM  MMMM   MMMM   00    00   NN        NN
EE           RR     RR   FF          CC         00    00  MMMM   MMMM  MMMM   MMMM   00    00   NN        NN
EE           RR     RR   FF          CC         00    00  MM  MM   MM  MM  MM   MM   00    00   NNNN      NN
EE           RR     RR   FF          CC         00    00  MM  MM   MM  MM  MM   MM   00    00   NNNN      NN
EEEEEEE      RRRRRRR     FFFFFFF     CC         00    00  MM       MM  MM       MM   00    00   NN  NN    NN
EEEEEEE      RRRRRRR     FFFFFFF     CC         00    00  MM       MM  MM       MM   00    00   NN  NN    NN
EE           RR   RR     FF          CC         00    00  MM       MM  MM       MM   00    00   NN    NNNN
EE           RR   RR     FF          CC         00    00  MM       MM  MM       MM   00    00   NN    NNNN
EE           RR     RR   FF          CC         00    00  MM       MM  MM       MM   00    00   NN        NN
EE           RR     RR   FF          CC         00    00  MM       MM  MM       MM   00    00   NN        NN
EEEEEEEEEE   RR       RR FF          CCCCCCC    000000    MM       MM  MM       MM   000000    NN        NN
EEEEEEEEEE   RR       RR FF          CCCCCCC    000000    MM       MM  MM       MM   000000    NN        NN
```

```
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
```

SCO

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

Pse

$CO

Module Name	Ident	Bytes	File	Creation Date	Creator
ERFCOMVEC	V04-000	8	_255DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:56	VAX/VMS Macro V04-00
ERFCOM	01	6298	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:02	VAX-11 FORTRAN V3.4-56

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

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	4	13	00000000-R	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
DR32		00000000	00000257	00000258 (600.)	LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFCOM	00000000	00000257	00000258 (600.)	LONG 2	
EMB		00000258	00000457	00000200 (512.)	LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFCOMVEC	00000258	0000025B	00000004 (4.)	BYTE 0	
	ERFCOM	00000258	00000457	00000200 (512.)	LONG 2	
MODE		00000458	0000048E	00000037 (55.)	LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFCOM	00000458	0000048E	00000037 (55.)	LONG 2	
OPCODE		00000490	0000138F	00000F00 (3840.)	LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFCOM	00000490	0000138F	00000F00 (3840.)	LONG 2	
QIOCOMMON		00001390	0000186E	000304DF (1247.)	LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFCOM	00001390	0000186E	000004DF (1247.)	LONG 2	
SYECOM		00001870	0000189B	0000002C (44.)	LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFCOMVEC	00001870	00001873	00000004 (4.)	BYTE 0	
	ERFCOM	00001870	0000189B	0000002C (44.)	LONG 2	

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

Symbol	Value	fined By	Referenced By ...
EMB	00000258-RU	ERFCOMVEC	
ERFCOM	00000000	ERFCOM	
SYECOM	00001870-RU	ERFCOMVEC	

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

Value	Symbols...
00000000	ERFCOM
00000258	RU-EMB
00001870	RU-SYECOM

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

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

Virtual memory allocated:           00000000 000019FF 00001A00 (6656. bytes, 13. 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:      ERFCOMMON V04-000
Number of files:                              1.
Number of modules:                            2.
Number of program sections:                   7.
Number of global symbols:                     1.
Number of cross references:                   3.
Number of image sections:                     1.
Image type:                                   PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=0
Map format:                                   FULL WITH CROSS REFERENCE in file _$255$DUA28:[ERF.LIS]ERFCOMMON.MAP;1
Estimated map length:                         21. blocks
                                    +------------------------+
                                    ! Link Run Statistics !
                                    +------------------------+

Performance Indicators              Page Faults   CPU Time        Elapsed Time
-------------------                 -----------   --------        ------------
      Command processing:                  156    00:00:00.83     00:00:02.39
      Pass 1:                               50    00:00:00.12     00:00:01.16
      Allocation/Relocation:                23    00:00:00.18     00:00:01.58
      Pass 2:                               20    00:00:00.25     00:00:03.33
      Map data after object module synopsis: 10   00:00:00.16     00:00:00.17
      Symbol table output:                   4    00:00:00.07     00:00:00.90
Total run values:                           263    00:00:01.61     00:00:09.53
```

Using a working set limited to 750 pages and 92 pages of data storage (excluding image)

Total number object records read (both passes):   36
    of which 20 were in libraries and 4 were DEBUG data records containing 78 bytes

Number of modules extracted explicitly   = 2
    with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 10 global symbol table records was written

```
LINK/USERLIB=PROC/NOTRACE/SHAR=EXE$:ERFCOMMON/MAP=MAP$:ERFCOMMON/FULL/CROSS LIB$:ERF/INCLUDE=(ERFCOMVEC,ERFCOM).COM$:COMMATTR/OPT
Universal = emb, syecom
gsmatch=lequal,1,0
psect_attr=$blank,noshr
psect_attr=$pdata,noshr
psect_attr=$code,noshr
psect_attr=devchar,noshr
psect_attr=dr32,noshr
psect_attr=emb,noshr
psect_attr=erfcom,noshr
psect_attr=mode,noshr
```

OUT

OUT
RH7
RH7
RH7

RH7
RH7
RH7
RH7

RKD
RKD
RLD
RLD
RXD
RXD
TUT
TUT
UBA

UBA

UCB

UCB

```
psect_attr=mrd,noshr
psect_attr=opcode,noshr
psect_attr=qiocommon,noshr
psect_attr=sa,noshr
psect_attr=syecom,noshr
psect_attr=trans_addr,noshr
psect_attr=tables,noshr
psect_attr=_lib$code,noshr
psect_attr=_img$code,noshr
```

Sym

UCB

UCB

UCB

UCB

UCB

VEC

VAXLOAD
LIS

ERFBRIEF
MAP

ERFPROC1
MAP

ERFDISK
MAP

ERFBUS
MAP

ERFINICOM
MAP

ERFCOMMON
MAP

VAXSTATUS
LIS

ENCRYP ERF

ENCSTUBS ERF
LIS   MAP

ERFPROC2
MAP

VAXSTRING
LIS