```
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRRR       FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRRR       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
```

FILEID**INIT_TAPE

```
IIIIII   NN     NN   IIIIII   TTTTTTTTTT      TTTTTTTTTT   AAAAAA     PPPPPPPP    EEEEEEEEEE
IIIIII   NN     NN   IIIIII   TTTTTTTTTT      TTTTTTTTTT   AAAAAA     PPPPPPPP    EEEEEEEEEE
  II     NN     NN     II         TT              TT       AA    AA   PP      PP  EE
  II     NN     NN     II         TT              TT       AA    AA   PP      PP  EE
  II     NNNN   NN     II         TT              TT       AA    AA   PP      PP  EE
  II     NNNN   NN     II         TT              TT       AA    AA   PP      PP  EE
  II     NN NN  NN     II         TT              TT       AA    AA   PPPPPPPP    EEEEEEEE
  II     NN NN  NN     II         TT              TT       AA    AA   PPPPPPPP    EEEEEEEE
  II     NN  NNNN      II         TT              TT       AAAAAAAAAA  PP         EE
  II     NN  NNNN      II         TT              TT       AAAAAAAAAA  PP         EE
  II     NN    NN      II         TT              TT       AA    AA   PP         EE
  II     NN    NN      II         TT              TT       AA    AA   PP         EE         ::::
IIIIII   NN     NN   IIIIII       TT   --------   TT       AA    AA   PP         EEEEEEEEEE  ::::
IIIIII   NN     NN   IIIIII       TT   --------   TT       AA    AA   PP         EEEEEEEEEE  ::::


LL               IIIIII   SSSSSSSS
LL               IIIIII   SSSSSSSS
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   SSSSSSSS
LLLLLLLLLL       IIIIII   SSSSSSSS
```

```
0001          Subroutine ERFTAPINI ( Array_addr, Array_size )
0002
0003      C
0004      C Version:        'V04-000'
0005      C
0006      C******************************************************************
0007      C*                                                                *
0008      C*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                       *
0009      C*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.        *
0010      C*  ALL RIGHTS RESERVED.                                          *
0011      C*                                                                *
0012      C*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED  *
0013      C*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH LICENSE  AND WITH THE   *
0014      C*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER  *
0015      C*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY  *
0016      C*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY  *
0017      C*  TRANSFERRED.                                                   *
0018      C*                                                                *
0019      C*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE  *
0020      C*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
0021      C*  CORPORATION.                                                   *
0022      C*                                                                *
0023      C*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS  *
0024      C*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.        *
0025      C*                                                                *
0026      C*                                                                *
0027      C******************************************************************
0028      C
0029      C
0030      C
0031      C       AUTHOR: Elliott A. Drayton           CREATION DATE: 27-Jan-1983
0032      C
0033      C       Functional description:
0034
0035      C       This is the initialization module for the loadable image ERFTAPE.EXE.
0036      C       After ERFTAPE has been loaded this routine is called to return
0037      C       the information from it tables. These tables specifiy which error
0038      C       log packets this loadable image will process. The tables consist of:
0039
0040      C       ENTRY TYPE, DEVICE CLASS, MODULE VERSION, TRANSFER VECTOR OFFSET
0041      C
0042      C       The ENTRY TYPE value is the packet type identifier for the packets that
0043      C       this loadable image will process.
0044
0045      C       The DEVICE CLASS value specifies the class of the packet that will
0046      C       be process by this loadable image.
0047
0048      C       The MODULE VERSION is used to determine if the module in this image
0049      C       is the one to use. This is accomplished by the root image comparing
0050      C       this value against the value in the master tables in the root image.
0051
0052      C       The TRANSFER VECTOR OFFSET is the index to the transfer vector to
0053      C       be used for a specific device or entry type. For example, the transfer
0054      C       vectors for the disk image are ordered as:
0055
0056      C       INITDISK 0       ! a routine similar to this one
0057      C       MASSDISK 1       ! a device specific routine
```

```
0058    C        RKDISK   2
0059    C        RLDISK   3
0060    C        ECT.
0061    C
0062    C        Modified by:
0063    C
0064    C**
```

```
0065            Parameter DC$_TAPE = '00000002'X
0066      !
0067      !   TAPE DEVICES
0068      !
0069            PARAMETER DT$_TE16 = '00000001'X          ! TE16 MAGTAPE
0070            PARAMETER DT$_TU45 = '00000002'X          ! TU45 MAGTAPE
0071            PARAMETER DT$_TU77 = '00000003'X          ! TU77 MAGTAPE
0072            PARAMETER DT$_TS11 = '00000004'X          ! TS11 MAGTAPE
0073            PARAMETER DT$_TU78 = '00000005'X          ! TU78 MAGTAPE
0074            PARAMETER DT$_TA78 = '00000006'X          ! TA78 MAGTAPE
0075            PARAMETER DT$_TU80 = '00000007'X          ! TU80 MAGTAPE
0076            PARAMETER DT$_TU81 = '00000008'X          ! TU81 MAGTAPE
0077            PARAMETER DT$_TA81 = '00000009'X          ! TA81 MAGTAPE
0078
0079            Parameter V1 = 1                          ! device module version number
0080
0081            Parameter        Maxtypes = 5
0082
0083            Integer*4        Array_addr, Array_size
0084
0085            Integer*2        Tape_codes ( 4 * Maxtypes )
0086
0087            Data             Tape_codes /
0088          1 DT$_TE16, DC$_TAPE, V1, 1,      ! TE16 MAGTAPE
0089          2 DT$_TU45, DC$_TAPE, V1, 1,      ! TU45 MAGTAPE
0090          3 DT$_TU77, DC$_TAPE, V1, 1,      ! TU77 MAGTAPE
0091          4 DT$_TS11, DC$_TAPE, V1, 2,      ! TS11 MAGTAPE
0092          5 DT$_TU78, DC$_TAPE, V1, 3/      ! TU78 MAGTAPE
0093
0094      ! The following devices are handled by ERFPROC1.EXE:
0095      !    6 DT$_TA78, DC$_TAPE, V1, 0      ! TA78 MAGTAPE
0096      !    7 DT$_TU80, DC$_TAPE, V1, 0      ! TU80 MAGTAPE
0097      !    8 DT$_TU81, DC$_TAPE, V1, 0      ! TU81 MAGTAPE
0098      !    9 DT$_TA81, DC$_TAPE, V1, 0      ! TA81 MAGTAPE
0099
0100            Array_addr = %LOC (Tape_codes(1))
0101            Array_size = Maxtypes
0102
0103            Return
0104            End
```

PROGRAM SECTIONS

    Name   Bytes   Attributes

  0 $CODE   19   PIC CON REL LCL SHR   EXE   RD NOWRT LONG
  2 $LOCAL   40   PIC CON REL LCL NOSHR NOEXE RD   WRT LONG

    Total Space Allocated   59

ENTRY POINTS

    Address Type Name

  0-00000000   ERFTAPINI

VARIABLES

    Address   Type Name   Address   Type Name

  AP-00000004ລ I*4 ARRAY_ADDR   AP-00000008ລ I*4 ARRAY_SIZE

ARRAYS

    Address Type Name   Bytes Dimensions

  2-00000000 I*2 TAPE_CODES   40 (20)

COMMAND QUALIFIERS

  FORTRAN /LIS=LIS$:INIT_TAPE/OBJ=OBJ$:INIT_TAPE MSRC$:INIT_TAPE

  /CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
  /DEBUG=(NOSYMBOLS,TRACEBACK)
  /STANDARD=(NOSYNTAX,NOSOURCE_FORM)
  /SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)
  /F77 /NOG_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD_LINES /NOCROSS_REFERENCE /NOMACHINE_CODE /CONTINUATIONS=19

COMPILATION STATISTICS

  Run Time: 0.79 seconds
  Elapsed Time: 3.20 seconds
  Page Faults: 85
  Dynamic Memory: 155 pages

GETCODE
LIS

INITPROC1
LIS

INITREAL
LIS

EXECIMAGE
LIS

ERFSUMM
LIS

INITBUS
LIS

INITPROC4
LIS

RMS3221
LIS

ERFTAPEVE
LIS

HEADER
LIS

FILES
LIS

ERLLOGSTS
LIS

INITPROC2
LIS

INIT_TAPE
LIS

ERLLOGMSG
LIS

INITDISK
LIS

INITPROC5
LIS

IMAGELOAD
LIS

INITPROC3
LIS

INTERVENE
LIS

ERFRTVEC
LIS

ERFSUMVEC
LIS