

Subroutine ERFPRC1INI (Array_addr, Array_size)

```
0001
0002
0003 C
0004 C Version:      'V04-000'
0005 C
0006 C*****
0007 C*
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0031 C      AUTHOR: Elliott A. Drayton      CREATION DATE: 27-Jan-1983
0032 C
0033 C      Functional description:
0034 C
0035 C      This is the initialization module for the loadable image PROC1.EXE.
0036 C      After PROC1 has been loaded this routine is called to return
0037 C      the information from it tables. These tables specify which error
0038 C      log packets this loadable image will process. The tables consist of:
0039 C
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 C
0045 C      The DEVICE CLASS value specifies the class of the packet that will
0046 C      be process by this loadable image.
0047 C
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 C
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 C
0056 C      INITDISK 0      ! a routine similar to this one
0057 C      MASSDISK 1     ! a device specific routine
```

D 12
16-Sep-1984 00:03:52
5-Sep-1984 13:57:36

VAX-11 FORTRAN V3.4-56
DISK\$VMSMASTER:[ERF.SRC]INITPROC1.FOR;1

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0069 C**

RKDISK 2
RLDISK 3
ECT.

Modified by:

V04-002	SAR0175	Sharon A. Reynolds	15-Nov-1983
	Added 'logmscp' entry support.		
V04-001	SR0001	Sharon Reynolds	17-Mar-1983
	Changes tables to support status message and log message.		

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!  
! DEFINE ENTRY TYPES  
!  
! HSC/UDA DISK DEVICES  
!  
! Parameter EMB$K_SP = 99 ! Status message  
! Parameter EMB$K_LM = 100 ! Log message  
! Parameter EMB$K_LOGMSCP = 101 ! Logmsg without ucb  
!  
! Parameter Zero = 0  
! Parameter V1 = 1 ! Device module version number  
!  
! Parameter Maxtypes = 3  
! Integer*4 Array_addr, Array_size  
! Integer*2 Proc1_codes ( 4 * Maxtypes )  
!  
! Data Proc1_codes /  
! 1 EMB$K_SP, zero, V1, 1, ! Status message entries  
! 2 EMB$K_LM, zero, V1, 2, ! Log message entries  
! 3 EMB$K_LOGMSCP, zero, V1, 3/ ! Logmscp entries  
!  
! Array_addr = %LOC (proc1_codes(1))  
! Array_size = Maxtypes  
!  
! Return  
! End
```

PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	19	PIC CON REL LCL SHR EXE RD NOWRT LONG
2 \$LOCAL	24	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
Total Space Allocated	43	

ENTRY POINTS

Address	Type	Name
0-00000000		ERFPRC1INI

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000004@	I*4	ARRAY_ADDR	AP-00000008@	I*4	ARRAY_SIZE

ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*2	PROC1_CODES	24	(12)

COMMAND QUALIFIERS

```

FORTRAN /LIS=LIS$:INITPROC1/OBJ=OBJ$:INITPROC1 MSRC$:INITPROC1
/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:          0.76 seconds
Elapsed Time:      4.74 seconds
Page Faults:       84
Dynamic Memory:    155 pages

```

