

Subroutine ERFPRC1INI (Array_addr, Array_size)

```
0001  
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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 its 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 processed 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
```

ER
PR
EN
VA
A
AR
CO
CC

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

0058 C
0059 C
0060 C
0061 C
0062 C
0063 C
0064 C
0065 C
0066 C
0067 C
0068 C
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 EMBSK_SP = 99 ! Status message
Parameter EMBSK_LM = 100 ! Log message
Parameter EMBSK_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 Procl_codes (4 * Maxtypes)

Data Procl_codes /
1 EMBSK_SP, zero, V1, 1, ! Status message entries
2 EMBSK_LM, zero, V1, 2, ! Log message entries
3 EMBSK_LOGMSCP, zero, V1, 3/ ! Logmscp entries

Array_addr = %LOC (procl_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

```

The image displays a grid of 120 small screenshots of VAX/VMS system utilities, arranged in 10 rows and 12 columns. Each screenshot shows a title followed by data output, often in a table format. The utilities include:

- GETCODE LIS
- INITPROC1 LIS
- INITREAL LIS
- EXECIMAGE LIS
- ERFSUMM LIS
- INITBUS LIS
- INITPROC4 LIS
- RM53271 LIS
- ERFTAPEVE LIS
- HEADER LIS
- FILES LIS
- ERLOGSTS LIS
- INITPROC2 LIS
- INIT_TAPE LIS
- ERLOGMSG LIS
- INITDISK LIS
- INITPROC5 LIS
- IMAGELOAD LIS
- INITPROC3 LIS
- INTERVENE LIS
- ERFRTVEC LIS
- ERFSUMVEC LIS