

Subroutine ERFPROC2INI (Array_addr, Array_size)

```
0001 C
0002 C
0003 C
0004 C Version: 'V04-000'
0005 C
0006 C*****
0007 C*
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0030 C
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 ERFPROC2.EXE.
0036 C After ERFPROC2 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
```

I 12
16-Sep-1984 00:04:02
5-Sep-1984 13:57:44

0058 C
0059 C
0060 C
0061 C
0062 C
0063 C
0064 C
0065 C
0066 C
0067 C
0068 C
0069 C
0070 C**

RKDISK 2
RLDISK 3
ECT.

Modified by:

V04-002 SAR0205 Sharon A. Reynolds 27-Feb-1984
Removed SBI entry support.

SR0001 Sharon Reynolds 17-Mar-1983
Change tables to support machine checks, bug checks and
SBI packets.

```
0071      !  
0072      !  
0073      !  
0074      !  
0075      !  
0076      !  
0077      !  
0078      !  
0079      !  
0080      !  
0081      !  
0082      !  
0083      !  
0084      !  
0085      !  
0086      !  
0087      !  
0088      !  
0089      !  
0090      !  
0091      !  
0092      !  
0093      !  
0094      !  
0095      !  
0096      !  
0097      !  
0098      !  
0099      !  
0100      !  
0101      !  
0102      !  
0103      !  
0104      !  
0105      !
```

DEFINE ENTRY TYPES

Parameter EMB\$K_MC = 2
Parameter EMB\$K_CR = 37
Parameter EMB\$K_SBC = 40
Parameter EMB\$K_UBC = 112

Parameter Zero = 0
Parameter V1 = 1

Parameter Maxtypes = 4
Integer*4 Array_addr, Array_size
Integer*2 Proc2_codes (4 * Maxtypes)

Data Proc2_codes /
1 EMB\$K_MC, zero, V1, 1,
2 EMB\$K_CR, zero, V1, 2,
3 EMB\$K_SBC, zero, V1, 2,
4 EMB\$K_UBC, zero, V1, 2 /

Array_addr = %LOC (proc2_codes(1))
Array_size = Maxtypes

Return
End

! Mcheck module
! Machine check entries
! Bugchk module
! Crash re-start entries %X25
! System bugcheck entries %X28
! User bugcheck entries %X70
! SBI module
! Device module version number
! Machine check entries
! Crash restart entries
! System bugcheck entries
! User bugcheck entries
! entries

PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	19	PIC CON REL LCL SHR EXE RD NOWRT LONG
2 \$LOCAL	32	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
Total Space Allocated	51	

ENTRY POINTS

Address	Type	Name
0-00000000		ERFPRC2INI

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	PROC2_CODES	32	(16)

COMMAND QUALIFIERS

FORTRAN /LIS=LIS\$:INITPROC2/OBJ=OBJ\$:INITPROC2 MSRC\$:INITPROC2

/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: 5.37 seconds
 Page Faults: 95
 Dynamic Memory: 155 pages

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VAX/VMS V4.0

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