


```

FFFFFFFFF      IIIIII      LL      IIIIII      NN      NN      PPPPPPP      UU      UU      TTTTTTTTTT
FFFFFFFFF      IIIIII      LL      IIIIII      NN      NN      PPPPPPP      UU      UU      TTTTTTTTTT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NNNN     NN      PP           PP      UU      UU      TT
FFFFFFFFF      II           LL      II           NNNN     NN      PPPPPPP      UU      UU      TT
FFFFFFFFF      II           LL      II           NN      NN      PPPPPPP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           II           LL      II           NN      NN      PP           PP      UU      UU      TT
FF           IIIIII     LLLLLLLLLL  IIIIII     NN      NN      PP           UU      UU      TT
FF           IIIIII     LLLLLLLLLL  IIIIII     NN      NN      PP           UU      UU      TT

```

```

LL           IIIIII     SSSSSSSS
LL           IIIIII     SSSSSSSS
LL           II           SS
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
LLLLLLLLLLL  IIIIII     SSSSSSSS
LLLLLLLLLLL  IIIIII     SSSSSSSS

```

```

1 0001 0 MODULE filinput ( ! Declarations of input file RMS blocks for file handling utilities
2 0002 0
3 0003 0 LANGUAGE (BLISS32),
4 0004 0 IDENT = 'V04-000'
5 0005 1 BEGIN
6 0006 1
7 0007 1
8 0008 1 *****
9 0009 1 *
10 0010 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
11 0011 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
12 0012 1 * ALL RIGHTS RESERVED. *
13 0013 1 *
14 0014 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
15 0015 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
16 0016 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
17 0017 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
18 0018 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
19 0019 1 * TRANSFERRED. *
20 0020 1 *
21 0021 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
22 0022 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
23 0023 1 * CORPORATION. *
24 0024 1 *
25 0025 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
26 0026 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
27 0027 1 *
28 0028 1 *
29 0029 1 *****
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: File Handling Utilities
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 This module contains declarations of the RMS data storage areas needed
37 0037 1 for handling input file specifications.
38 0038 1
39 0039 1 ENVIRONMENT:
40 0040 1
41 0041 1 VAX/VMS operating system, unprivileged user mode utility,
42 0042 1 operates at non-AST level.
43 0043 1
44 0044 1 --
45 0045 1 ++
46 0046 1
47 0047 1 AUTHOR: Carol Peters, CREATION DATE: 25 April 1978 07:56
48 0048 1
49 0049 1 REVISION HISTORY:
50 0050 1
51 0051 1 V03-001 TSK0001 Tamar Krichevsky 29-Feb-1984
52 0052 1 Remove the declaration and all reference to DUMMY_NAM_BLK.
53 0053 1 This is part of the conversion to LIB$FIND_FILE for input
54 0054 1 file processing.
55 0055 1 --
    
```

```

: 57      0056 1  |
: 58      0057 1  | Include files
: 59      0058 1  |
: 60      0059 1  |
: 61      0060 1  | LIBRARY 'SYS$LIBRARY:STARLET.L32';           ! System definitions
: 62      0061 1  |
: 63      0062 1  |
: 64      0063 1  | Global variables
: 65      0064 1  |
: 66      0065 1  |
: 67      0066 1  | GLOBAL
: 68      0067 1  |   infile_fab           : $FAB_DECL,           ! Space for the input file FAB, which
: 69      0068 1  |                       ! is filled in at execution time
: 70      0069 1  |
: 71      0070 1  |   infile_rab           : $RAB_DECL,           ! Space for the input file RAB, which
: 72      0071 1  |                       ! is filled in at execution time
: 73      0072 1  |
: 74      0073 1  |   infile_name          : VECTOR [nam$C_maxrss, BYTE], ! Input file name after open
: 75      0074 1  |
: 76      0075 1  |   infile_xname         : VECTOR [nam$C_maxrss, BYTE], ! Input file name before open
: 77      0076 1  |
: 78      P 0077 1  |   infile_nam_blk       : $NAM (               ! Input file name block:
: 79      P 0078 1  |                       RSA = infile_name,           ! Address and length of the input
: 80      P 0079 1  |                       RSS = nam$C_maxrss,           ! file name after open
: 81      P 0080 1  |                       ESA = infile_xname,           ! Address and length of the input
: 82      0081 1  |                       ESS = nam$C_maxrss),           ! file name before open
: 83      0082 1  |
: 84      0083 1  |
: 85      0084 1  |   infile_xabpro        : $XABPRO (),         ! Input file XAB chain:
: 86      0085 1  |                       ! Protection XAB
: 87      P 0086 1  |   infile_xabfhc        : $XABFHC (           ! File header characteristics XAB
: 88      0087 1  |                       NXT = infile_xabpro),
: 89      0088 1  |
: 90      P 0089 1  |   infile_xabdat        : $XABDAT (           ! Date/time XAB
: 91      0090 1  |                       NXT = infile_xabfhc),
: 92      0091 1  |
: 93      P 0092 1  |   infile_xaball        : $XABALL (           ! Allocation XAB
: 94      0093 1  |                       NXT = infile_xabdat),
: 95      0094 1  |
: 96      0095 1  |   in_name_desc         : VECTOR [2]          ! Input file name descriptor
: 97      0096 1  |                       INITIAL (0, infile_name),
: 98      0097 1  |
: 99      0098 1  |   infile_cli_desc      : $bblock[ DSC$C_S_BLN ] ! Descriptor for input name on command line
: 100     0099 1  |                       INITIAL( WORD(0), BYTE(0,DSC$K_CLASS_D), LONG(0));

```

: 102
: 103

0100 1 END
0101 0 ELUDOM

```
.TITLE FILINPUT
.IDENT \V04-000\

.PSECT $GLOBAL$,NOEXE,2

00000 INFILE_FAB::
      .BLKB 80
00050 INFILE_RAB::
      .BLKB 68
00094 INFILE_NAME::
      .BLKB 255
00193      .BLKB 1
00194 INFILE_XNAME::
      .BLKB 255
00293      .BLKB 1
02 00294 INFILE_NAM_BLK::
      .BYTE 2
00 00295      .BYTE 96
FF 00296      .BYTE -1
00 00297      .BYTE 0
00000000 00298      .ADDRESS INFILE_NAME
00 0029C      .BYTE 0
00 0029D      .BYTE 0
FF 0029E      .BYTE -1
00 0029F      .BYTE 0
00000000 002A0      .ADDRESS INFILE_XNAME
00000000 002A4      .LONG 0
0000# 002A8      .WORD 0[8]
0000# 002B8      .WORD 0[3]
0000# 002BE      .WORD 0[3]
00000000 002C4      .LONG 0
00000000 002C8      .LONG 0
00 002CC      .BYTE 0
00 002CD      .BYTE 0
00 002CE      .BYTE 0
00 002CF      .BYTE 0
00 002D0      .BYTE 0
00 002D1      .BYTE 0
00# 002D2      .BYTE 0[2]
00000000 002D4      .LONG 0
00000000 002D8      .LONG 0
00000000 002DC      .LONG 0
00000000 002E0      .LONG 0
00000000 002E4      .LONG 0
00000000 002E8      .LONG 0
00000000# 002EC      .LONG 0[2]
13 002F4 INFILE_XABPRO::
      .BYTE 19
00 002F5      .BYTE 88
0000 002F6      .WORD 0
00000000 002F8      .LONG 0
FFFF 002FC      .WORD -1
00 002FE      .BYTE 0
```

.....

```
0000 0000 002FF .BYTE 0
0000 0000 00300 .WORD 0, 0
0000 0000 00304 .BYTE 0
0000 0000 00305 .BYTE 0
0000 0000 00306 .WORD 0
00000000 00308 .LONG 0
00000000 0030C .LONG 0
0000 0000 00310 .WORD 0
0000 0000 00312 .WORD 0
00000000 00314 .LONG 0
00000000 00318 .LONG 0
00000000 0031C .BLKB 48
1D 0034C INFILE_XABFHC::
0000 0000 00340 .BYTE 29
0000 0000 0034E .WORD 44
00000000# 00350 .ADDRESS INFILE_XABPRO
00000000# 00354 .LONG 0[9]
12 00378 INFILE_XABDAT::
0000 0000 00379 .BYTE 18
0000 0000 0037A .BYTE 44
00000000# 0037C .ADDRESS INFILE_XABFHC
0000 0000 00380 .WORD 0
0000 0000 00382 .WORD 0
00000000# 00384 .LONG 0[2]
00000000# 0038C .LONG 0[2]
00000000 00394 .LONG 0
00000000 00398 .LONG 0
00000000# 0039C .LONG 0[2]
14 003A4 INFILE_XABALL::
0000 0000 003A5 .BYTE 20
0000 0000 003A6 .BYTE 32
00000000# 003A8 .WORD 0
0000 0000 003AC .ADDRESS INFILE_XABDAT
0000 0000 003AD .BYTE 0
0000 0000 003AE .WORD 0
00000000 003B0 .LONG 0
00000000 003B4 .LONG 0
0000 0000 003B8 .WORD 0
0000 0000 003BA .BYTE 0
0000 0000 003BB .BYTE 0
0000 0000 003BC .WORD 0, 0, 0
00000000 003C2 .WORD 0
00000000 003C4 IN_NAME_DESC::
00000000# 003C8 .LONG 0
0000 0000 003CC INFILE_CLI_DESC::
0000 0000 003CE .ADDRESS INFILE_NAME
02 00 003D0 .WORD 0
00000000 003CE .BYTE 0, 2
00000000 003D0 .LONG 0
```

PSECT SUMMARY

```
: Name                Bytes                Attributes
: $GLOBALS            980 NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
```

Library Statistics

```
: File                Total      Symbols      Pages      Processing
:                   Total      Loaded      Percent      Mapped      Time
: _$255$DUA28:[SYSLIB]STARLET.L32;1      9776          37          0          581          00:01.0
```

COMMAND QUALIFIERS

```
: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:FILINPUT/OBJ=OBJ$:FILINPUT MSRC$:FILINPUT/UPDATE=(ENH$:FILINPUT)
```

```
: Size:                0 code + 980 data bytes
: Run Time:            00:04.1
: Elapsed Time:       00:14.3
: Lines/CPU Min:      1463
: Lexemes/CPU-Min:    31681
: Memory Used:        49 pages
: Compilation Complete
```


CRFOR LIS	CRFMEM LIS	CRFMACROS MAR	CLITABDEF SCL
FILINPUT LIS	KEYS LIS	CRFMDL MDL	CRFTRVEC LIS
CRFMDL MDL	CRF LIS	CRFERRMSG LIS	DCLDEF MDL
CRF SCL	CRF	CRFSUB LIS	
FILOUTPUT LIS	CRFSHR MAP	CRFGLOBAL LIS	
CRFMAC REQ		DCL	
		DCL MAP	