


```

PPPPPPPP      AAAAAA      SSSSSSSS  FFFFFFFFFF  AAAAAA  BBBB8888
PPPPPPPP      AAAAAA      SSSSSSSS  FFFFFFFFFF  AAAAAA  BBBB8888
PP      PP    AA      AA  SS      FF      AA      AA  BB      BB
PP      PP    AA      AA  SS      FF      AA      AA  BB      BB
PP      PP    AA      AA  SS      FF      AA      AA  BB      BB
PP      PP    AA      AA  SS      FF      AA      AA  BB      BB
PPPPPPPP      AA      AA  SSSSSS  FFFFFFFF  AA      AA  BBBB8888
PPPPPPPP      AA      AA  SSSSSS  FFFFFFFF  AA      AA  BBBB8888
PP      AAAAAAAAAA      SS      FF      AAAAAAAAAA  BB      BB
PP      AAAAAAAAAA      SS      FF      AAAAAAAAAA  BB      BB
PP      AA      AA      SS      FF      AA      AA  BB      BB
PP      AA      AA      SS      FF      AA      AA  BB      BB
PP      AA      AA  SSSSSSSS  FF      AA      AA  BBBB8888
PP      AA      AA  SSSSSSSS  FF      AA      AA  BBBB8888

```

```

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
LLLLLLLLLLLL IIIIII      SSSSSSSS
LLLLLLLLLLLL IIIIII      SSSSSSSS

```

```

....
....
....
....

```



```

1 0001 0 MODULE PASSFAB ( %TITLE 'Get FAB address of file'
2 0002 0 IDENT = '1-001' ! File: PASFAB.B32 Edit: SBL1001
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: Pascal Language Support
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contains a procedure which returns a pointer to the
36 0036 1 RMS FAB for a specified file.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 19-October-1981
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 19-October-1981
45 0045 1 --

```

```
.. 47 0046 1 %SBTTL 'Declarations'
.. 48 0047 1
.. 49 0048 1 : PROLOGUE DEFINITIONS:
.. 50 0049 1
.. 51 0050 1
.. 52 G051 1 REQUIRE 'RTLIN:PASPROLOG'; ! Externals, linkages, PSECTs, structures
.. 53 0115 1
.. 54 0116 1
.. 55 0117 1 : TABLE OF CONTENTS:
.. 56 0118 1
.. 57 0119 1
.. 58 0120 1 FORWARD ROUTINE
.. 59 0121 1 PASSFAB; ! Get FAB address of file
.. 60 0122 1
.. 61 0123 1
.. 62 0124 1 : MACROS:
.. 63 0125 1
.. 64 0126 1 NONE
.. 65 0127 1
.. 66 0128 1 : EQUATED SYMBOLS:
.. 67 0129 1
.. 68 0130 1 NONE
.. 69 0131 1
.. 70 0132 1 : FIELDS:
.. 71 0133 1
.. 72 0134 1 NONE
.. 73 0135 1
.. 74 0136 1 : OWN STORAGE:
.. 75 0137 1
.. 76 0138 1 : NONE
```

```

78 0139 1 %SBTTL 'PASSFAB - Get FAB address of file'
79 0140 1 GLOBAL ROUTINE PASSFAB (
80 0141 1 PFV: REF $PASSPFV_FILE_VARIABLE ! Get FAB address of file
81 0142 1 ) = ! File variable
82 0143 1
83 0144 1 ++
84 0145 1 FUNCTIONAL DESCRIPTION:
85 0146 1
86 0147 1 This procedure returns a pointer to the RMS File Attributes
87 0148 1 Block (FAB) for the specified file, if one exists.
88 0149 1
89 0150 1 CALLING SEQUENCE:
90 0151 1
91 0152 1 fab.wa.v = PASSFAB (pfv.rr.r)
92 0153 1
93 0154 1 FORMAL PARAMETERS:
94 0155 1
95 0156 1 PFV - The Pascal File Variable (PFV) passed by reference.
96 0157 1 The structure of the PFV is defined in PASPFV.REQ.
97 0158 1
98 0159 1 IMPLICIT INPUTS:
99 0160 1
100 0161 1 NONE
101 0162 1
102 0163 1 IMPLICIT OUTPUTS:
103 0164 1
104 0165 1 NONE
105 0166 1
106 0167 1 ROUTINE VALUE:
107 0168 1
108 0169 1 The address of the file's FAB, or zero if none exists.
109 0170 1
110 0171 1 SIDE EFFECTS:
111 0172 1
112 0173 1 Opens INPUT or OUTPUT
113 0174 1
114 0175 1 SIGNALLED ERRORS:
115 0176 1
116 0177 1 NONE
117 0178 1
118 0179 1 --
119 0180 1
120 0181 2 BEGIN
121 0182 2
122 0183 2 LOCAL
123 0184 2 RAB: REF BLOCK [, BYTE]; ! RMS RAB
124 0185 2
125 0186 2 !+
126 0187 2 Call PASSRAB to get the address of the RAB for this file. PASSRAB
127 0188 2 may open INPUT or OUTPUT. It returns zero if there is no RAB.
128 0189 2 -
129 0190 2
130 0191 2 RAB = PASSRAB (PFV [PFV$R_PFV]);
131 0192 2
132 0193 2 !+
133 0194 2 If the RAB is defined, return the FAB address, otherwise zero.
134 0195 2 -

```

PASSFAB
1-001

Get FAB address of file
PASSRAB - Get FAB address of file

K 6
16-Sep-1984 01:32:30
14-Sep-1984 12:51:28

VAX-11 Bliss-32 V4.0-742
[PASRTL.SRC]PASSFAB.B32;1

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(3)

PA
1-

```

: 135 0196 2
: 136 0197 2 IF .RAB NEQA 0
: 137 0198 2 THEN
: 138 0199 2 RETURN .RAB [RAB$L_FAB]
: 139 0200 2 ELSE
: 140 0201 2 RETURN .RAB;
: 141 0202 2
: 142 0203 1 END;

```

! End of routine PASSFAB

.TITLE PASSFAB Get FAB address of file
.IDENT \1-001\

.EXTRN PASSRAB

.PSECT _PASSCODE,NOWRT, SHR, PIC,2

```

.ENTRY PASSFAB, Save nothing
PUSHL PFV
CALLS #1, PASSRAB
TSTL RAB
BEQL 1$
MOVL 60(RAB), R0
RET

```

```

00000000G 00 04 AC DD 00002
01 FB 00005
50 D5 0000C
04 13 0000E
50 3C A0 D0 00010
04 00014 1$:

```

```

: 0140
: 0191
: 0197
: 0201
: 0203

```

; Routine Size: 21 bytes, Routine Base: _PASSCODE + 0000

```

: 143 0204 1
: 144 0205 1 !<BLF/PAGE>
: 145 0206 1 END
: 146 0207 1
: 147 0208 0 ELUDOM

```

! End of module PASSFAB

PSECT SUMMARY

Name	Bytes	Attributes
_PASSCODE	21	NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Symbols		Pages Mapped	Processing Time
	Total	Loaded Percent		
\$_255\$DUA28:[SYSLIB]STARLET.L32;1	9776	1 0	581	00:00.9
\$_255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1	427	20 4	33	00:00.4

PASSFAB
1-001

Get FAB address of file
PASSFAB - Get FAB address of file

L 6
16-Sep-1984 01:32:30
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VAX-11 Bliss-32 V4.0-742
[PASRTL.SRC]PASSFAB.B32;1

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PA
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COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LISS:PASFAB/OBJ=OBJ\$:PASFAB MSRC\$:PASFAB/UPDATE=(ENH\$:PASFAB)

: Size: 21 code + 0 data bytes
: Run Time: 00:03.3
: Elapsed Time: 00:11.4
: Lines/CPU Min: 3736
: Lexemes/CPU-Min: 5497
: Memory Used: 34 pages
: Compilation Complete

