


```

PPPPPPPP      AAAAAA      SSSSSSSS      FFFFFFFF      VV      VV      000000      UU      UU      TTTTTTTTTT      PPPPPPPP
PPPPPPPP      AAAAAA      SSSSSSSS      FFFFFFFF      VV      VV      000000      UU      UU      TTTTTTTTTT      PPPPPPPP
PP      PP      AA      AA      SS      FF      VV      VV      00      00      UU      UU      TT      PP      PP
PP      PP      AA      AA      SS      FF      VV      VV      00      00      UU      UU      TT      PP      PP
PP      PP      AA      AA      SS      FF      VV      VV      00      00      UU      UU      TT      PP      PP
PP      PP      AA      AA      SS      FF      VV      VV      00      00      UU      UU      TT      PP      PP
PPPPPPPP      AA      AA      SSSSSS      FFFFFFFF      VV      VV      00      00      UU      UU      TT      PPPPPPPP
PPPPPPPP      AA      AA      SSSSSS      FFFFFFFF      VV      VV      00      00      UU      UU      TT      PPPPPPPP
PP      AAAAAAAAAA      SS      FF      VV      VV      00      00      UU      UU      TT      PP
PP      AAAAAAAAAA      SS      FF      VV      VV      00      00      UU      UU      TT      PP
PP      AA      AA      SS      FF      VV      VV      00      00      UU      UU      TT      PP
PP      AA      AA      SS      FF      VV      VV      00      00      UU      UU      TT      PP
PP      AA      AA      SSSSSSSS      FF      VV      VV      000000      UUUUUUUUUU      TT      PP
PP      AA      AA      SSSSSSSS      FF      VV      VV      000000      UUUUUUUUUU      TT      PP

```

```

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 PASSFV_OUTPUT ( %TITLE 'File Variable OUTPUT'
2 0002 0 IDENT = '1-001' ! File: PASFVOUTP.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: VAX-11 Pascal Run-Time Library
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contains the global Pascal File Variable OUTPUT (PFV),
36 0036 1 along with its associated Pascal File Descriptor (PFD) block.
37 0037 1 This variable is referenced by VAX-11 Pascal programs as the
38 0038 1 file OUTPUT.
39 0039 1
40 0040 1 ENVIRONMENT: Contains no code.
41 0041 1
42 0042 1 AUTHOR: Steven B. Lionel, CREATION DATE: 1-April-1981
43 0043 1
44 0044 1 MODIFIED BY:
45 0045 1
46 0046 1 1-001 - Original. SBL 1-April-1981
47 0047 1 --
48 0048 1

```

```

: 50      0049 1 %SBTTL 'Declarations'
: 51      0050 1
: 52      0051 1 PROLOGUE DEFINITIONS:
: 53      0052 1
: 54      0053 1
: 55      0054 1 REQUIRE 'RTLIN:PASPROLOG';           ! Externals, linkages, PSECTs, structures
: 56      0118 1
: 57      0119 1
: 58      0120 1 MACROS:
: 59      0121 1
: 60      0122 1     NONE
: 61      0123 1
: 62      0124 1 EQUATED SYMBOLS:
: 63      0125 1
: 64      0126 1     NONE
: 65      0127 1
: 66      0128 1 FIELDS:
: 67      0129 1
: 68      0130 1     NONE
: 69      0131 1
: 70      0132 1 OWN STORAGE:
: 71      0133 1
: 72      0134 1
: 73      0135 1 OWN
: 74      0136 1     !+
: 75      0137 1     ! First define PFD block so that it can be referenced by the PFV.
: 76      0138 1     !-
: 77      0139 1
: 78      0140 1     PFD_OUTPUT: BLOCK [PFD$K_SIZE+%CHARCOUNT('OUTPUT'), BYTE]
: 79      0141 1     FIELD (PFD$FIELDS) PSECT (_PASS$CODE)
: 80      0142 1     PRESET (
: 81      0143 1         [PFD$V_TEXT]      = 1,
: 82      0144 1         [PFD$V_EXTERN]   = 1,
: 83      0145 1         [PFD$V_STATIC]   = 1,
: 84      0146 1         [PFD$L_LENGTH]   = 1,
: 85      0147 1         [PFD$T_NAME]    = %CHARCOUNT('OUTPUT'),
: 86      0148 1         [PFD$B_NAME1]    = %C'O',
: 87      0149 1         [PFD$B_NAME2]    = %C'U',
: 88      0150 1         [PFD$B_NAME3]    = %C'T',
: 89      0151 1         [PFD$B_NAME4]    = %C'P',
: 90      0152 1         [PFD$B_NAME5]    = %C'U',
: 91      0153 1         [PFD$B_NAME6]    = %C'T'
: 92      0154 1     );
: 93      0155 1
: 94      0156 1     !+
: 95      0157 1     ! Define the file buffer for OUTPUT.
: 96      0158 1     !-
: 97      0159 1
: 98      0160 1 OWN
: 99      0161 1     BUFFER_OUTPUT: BYTE;
100     0162 1
101     0163 1     !+
102     0164 1     ! Now define the global file variable. Unlike the PFD, the PFV is writeable.
103     0165 1     ! Put it in a special PSECT that sorts before _PASS$DATA.
104     0166 1     !-
105     0167 1
106     0168 1 PSECT

```

```

: 107 0169 1 NODEFAULT = PASS$FILE_VARS (READ, WRITE, NOEXECUTE, NOSHARE, PIC,
: 108 0170 1 ADDRESSING_MODE (LONG_RELATIVE));
: 109 0171 1
: 110 0172 1 GLOBAL
: 111 0173 1 PASSFV_OUTPUT: $PASSPFV_FILE_VARIABLE PSECT (_PASS$FILE_VARS)
: 112 0174 1 PRESET (
: 113 0175 1 [PFV$B_VERSION] = PFV$K_CUR_VERSION,
: 114 0176 1 [PFV$V_RELPFD] = 1,
: 115 0177 1 [PFV$A_PFD] = (PFD_OUTPUT - PASSFV_OUTPUT),
: 116 0178 1 [PFV$V_RELBUF] = 1,
: 117 0179 2 [PFV$A_BUFFER] = (BUFFER_OUTPUT - PASSFV_OUTPUT)
: 118 0180 1 );
: 119 0181 1
: 120 0182 1 !+
: 121 0183 1 ! Define enough bytes of storage space to pad PASSFV_OUTPUT to 32 bytes.
: 122 0184 1 ! This is so that it can be expanded to 32 bytes without affecting its
: 123 0185 1 ! location in the vector.
: 124 0186 1 !-
: 125 0187 1
: 126 0188 1 OWN
: 127 0189 1 PAD_SPACE: VECTOR [32-PFV$K_SIZE, BYTE] PSECT (_PASS$FILE_VARS);
: 128 0190 1
: 129 0191 1
: 130 0192 1 END ! End of module PASSFV_OUTPUT
: 131 0193 1
: 132 0194 0 ELUDOM

```

```

.TITLE PASSFV_OUTPUT File Variable OUTPUT
.IDENT \1-001\

.PSECT _PASS$FILE_VARS,NOEXE, PIC,2

00000000* 00000 PASSFV_OUTPUT::
      00 00004 .LONG <BUFFER_OUTPUT-PASSFV_OUTPUT>
      00# 00005 .BYTE 0
      18 00007 .BYTE 0[2]
00000000* 00008 .LONG <PFD_OUTPUT-PASSFV_OUTPUT>
      0000C .BLKB 4
      00010 PAD_SPACE:
      .BLKB 16

.PSECT _PASS$DATA,NOEXE, PIC,2

00000 BUFFER_OUTPUT:
      .BLKB 1

.PSECT _PASS$CODE,NOWRT, SHR, PIC,2

00# 00000 PFD_OUTPUT:
      61 00004 .BYTE 0[4]
      00# 00005 .BYTE 97
      00000001 00008 .BYTE 0[3]
54 55 50 54 55 4F 06 0000C .LONG 1
      .BYTE 6, 79, 85, 84, 80, 85, 84

```

PSECT SUMMARY

| Name | Bytes | Attributes |
|------------------|-------|--|
| _PASSCODE | 19 | NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2) |
| _PASSDATA | 1 | NOVEC, WRT, RD, NOEXE,NOSHR, LCL, REL, CON, PIC,ALIGN(2) |
| _PASS\$FILE_VARS | 32 | NOVEC, WRT, RD, NOEXE,NOSHR, LCL, REL, CON, PIC,ALIGN(2) |

Library Statistics

| File | ----- Total | Symbols Loaded | ----- Percent | Pages Mapped | Processing Time |
|--|----------------|-------------------|------------------|-----------------|--------------------|
| _\$255\$DUA28:[SYSLIB]STARLET.L32;1 | 9776 | 0 | 0 | 581 | 00:01.0 |
| _\$255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1 | 427 | 43 | 10 | 33 | 00:00.4 |

COMMAND QUALIFIERS

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

: Size: 0 code + 52 data bytes
: Run Time: 00:03.7
: Elapsed Time: 00:17.2
: Lines/CPU Min: 3154
: Lexemes/CPU-Min: 14097
: Memory Used: 36 pages
: Compilation Complete

