


```

PPPPPPPP      AAAAAA      SSSSSSSS  HH      HH      AAAAAA  LL      TTTTTTTTTT
PPPPPPPP      AAAAAA      SSSSSSSS  HH      HH      AAAAAA  LL      TTTTTTTTTT
PP      PP    AA          AA  SS      SS      AA          AA  LL      TT
PP      PP    AA          AA  SS      SS      AA          AA  LL      TT
PP      PP    AA          AA  SS      SS      AA          AA  LL      TT
PP      PP    AA          AA  SS      SS      AA          AA  LL      TT
PPPPPPPP      AA          AA  SSSSSS   HHHHHHHHHH  AA          AA  LL      TT
PPPPPPPP      AA          AA  SSSSSS   HHHHHHHHHH  AA          AA  LL      TT
PP      AAAAAAAAAA      SS      HH      HH  AAAAAAAAAA  LL      TT
PP      AAAAAAAAAA      SS      HH      HH  AAAAAAAAAA  LL      TT
PP      AA          AA  SS      HH      HH  AA          AA  LL      TT
PP      AA          AA  SS      HH      HH  AA          AA  LL      TT
PP      AA          AA  SSSSSSSS    HH      HH  AA          AA  LLLLLLLLLL  TT
PP      AA          AA  SSSSSSSS    HH      HH  AA          AA  LLLLLLLLLL  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 PASS$HALT ( %TITLE 'HALT procedure'
2 0002 0 IDENT = '1-001' ! File: PASHALT.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 procedure is called by the compiled code to perform
36 0036 1 the HALT procedure.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 14-October-1981
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 14-October-1981
45 0045 1 --
46 0046 1

```

```
: 48      0047 1 %SBTTL 'Declarations'  
: 49      0048 1 |  
: 50      0049 1 | PROLOGUE DEFINITIONS  
: 51      0050 1 |  
: 52      0051 1 |  
: 53      0052 1 REQUIRE 'RTLIN:PASPROLOG';           ! Externals, linkages, PSECTs, structures  
: 54      0116 1 |  
: 55      0117 1 |  
: 56      0118 1 | TABLE OF CONTENTS:  
: 57      0119 1 |  
: 58      0120 1 |  
: 59      0121 1 FORWARD ROUTINE  
: 60      0122 1     PASSHALT: NOVALUE;           ! Halt program execution  
: 61      0123 1 |  
: 62      0124 1 |  
: 63      0125 1 | MACROS:  
: 64      0126 1 |  
: 65      0127 1 |     NONE  
: 66      0128 1 |  
: 67      0129 1 | EQUATED SYMBOLS:  
: 68      0130 1 |  
: 69      0131 1 |     NONE  
: 70      0132 1 |  
: 71      0133 1 | FIELDS:  
: 72      0134 1 |  
: 73      0135 1 |     NONE  
: 74      0136 1 |  
: 75      0137 1 | OWN STORAGE:  
: 76      0138 1 |  
: 77      0139 1 |     NONE  
: 78      0140 1 |
```

```

: 80 0141 1 %SBTTL 'PASS$HALT - Halt program execution'
: 81 0142 1 GLOBAL ROUTINE PASS$HALT
: 82 0143 1 : NOVALUE =
: 83 0144 1
: 84 0145 1 !++
: 85 0146 1 ! FUNCTIONAL DESCRIPTION:
: 86 0147 1
: 87 0148 1 ! This procedure implements the Pascal HALT procedure which
: 88 0149 1 ! terminates program execution. PASS$HALT accomplishes this
: 89 0150 1 ! by signalling the error message PASS$_HALT. Unless a user
: 90 0151 1 ! condition handler intercepts this exception, program execution
: 91 0152 1 ! will terminate.
: 92 0153 1
: 93 0154 1 ! CALLING SEQUENCE:
: 94 0155 1
: 95 0156 1 ! CALL PASS$HALT
: 96 0157 1
: 97 0158 1 ! FORMAL PARAMETERS:
: 98 0159 1
: 99 0160 1 ! NONE
100 0161 1
101 0162 1 ! IMPLICIT INPUTS:
102 0163 1
103 0164 1 ! NONE
104 0165 1
105 0166 1 ! IMPLICIT OUTPUTS:
106 0167 1
107 0168 1 ! NONE
108 0169 1
109 0170 1 ! ROUTINE VALUE:
110 0171 1
111 0172 1 ! NONE
112 0173 1
113 0174 1 ! SIDE EFFECTS:
114 0175 1
115 0176 1 ! NONE
116 0177 1
117 0178 1 ! SIGNALLED ERRORS:
118 0179 1
119 0180 1 ! NONE PASS$_HALT is signalled but is not considered an "error"
120 0181 1 ! in this context.
121 0182 1
122 0183 1 !--
123 0184 1
124 0185 2 BEGIN
125 0186 2
126 0187 2 SIGNAL_STOP (PASS$_HALT); ! Signal PASS$_HALT
127 0188 2
128 0189 2 RETURN; ! Execution never returns here
129 0190 2
130 0191 1 END; ! End of routine PASS$HALT

```

```

.TITLE PASS$HALT HALT procedure
.IDENT \1-001\
.EXTRN PASS$HALT, PASS$_HALT

```

PASSHALT
1-001

HALT procedure
PASSHALT - Halt program execution

D 15
16-Sep-1984 01:38:44
14-Sep-1984 12:51:31

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

Page 4
(3)

00000000G 00 00000000G 8F 0000 00000
01 DD 00002
FB 00008
04 0000F

.PSECT _PASS\$CODE,NOWRT, SHR, PIC,2
.ENTRY PASSHALT, Save nothing
PUSHL #PASS\$HALT
CALLS #1, LIB\$STOP
RET

: 0142
: 0187
: 0191

; Routine Size: 16 bytes, Routine Base: _PASS\$CODE + 0000

: 131 0192 1
: 132 0193 1 !<BLF/PAGE>

PASS\$HALT
1-001

HALT procedure
PASS\$HALT - Halt program execution

E 15
16-Sep-1984 01:38:44 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:51:31 [PASRTL.SRC]PASHALT.B32;1

: 134 0194 1 END
: 135 0195 1
: 136 0196 0 ELUDOM

! End of module PASS\$HALT

.EXTRN LIB\$STOP

PSECT SUMMARY

Name	Bytes	Attributes
_PASS\$CODE	16	NOVEC,NOWRT, RD, EXE, SHR, 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	2	0	33	00:00.4

COMMAND QUALIFIERS

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

: Size: 16 code + 0 data bytes
: Run Time: 00:03.1
: Elapsed Time: 00:11.8
: Lines/CPU Min: 3855
: Lexemes/CPU-Min: 3816
: Memory Used: 26 pages
: Compilation Complete

**

