



```

PPPPPPPP      AAAAAA      SSSSSSSS  LL      IIIIII      NN      NN      EEEEEEEEEE  LL      IIIIII
PPPPPPPP      AAAAAA      SSSSSSSS  LL      IIIIII      NN      NN      EEEEEEEEEE  LL      IIIIII
PP      PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      PP      AA      AA      SS      LL      II      NNNN      NN      EE      LL      II
PP      PP      AA      AA      SS      LL      II      NNNN      NN      EE      LL      II
PPPPPPPP      AA      AA      SSSSSS  LL      II      NN      NN      EEEEEEEEE  LL      II
PPPPPPPP      AA      AA      SSSSSS  LL      II      NN      NN      EEEEEEEEE  LL      II
PP      AAAAAAAAAA      SS      LL      II      NN      NNNN      EE      LL      II
PP      AAAAAAAAAA      SS      LL      II      NN      NNNN      EE      LL      II
PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      AA      AA      SSSSSSSS  LLLLLLLLLL  IIIIII      NN      NN      EEEEEEEEEE  LLLLLLLLLL  IIIIII
PP      AA      AA      SSSSSSSS  LLLLLLLLLL  IIIIII      NN      NN      EEEEEEEEEE  LLLLLLLLLL  IIIIII

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```

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

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....  
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:  
:  
:

```

1 0001 0 MODULE PASSLINESLIMIT2 ( %TITLE 'LINELIMIT procedure'
2 0002 0 IDENT = '1-001' ! File: PASLINEI.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 implements the Pascal LINELIMIT procedure.
36 0036 1
37 0037 1 ENVIRONMENT: User mode - AST reentrant
38 0038 1
39 0039 1 AUTHOR: Steven B. Lionel, CREATION DATE: 14-October-1981
40 0040 1
41 0041 1 MODIFIED BY:
42 0042 1
43 0043 1 1-001 - Original. SBL 14-October-1981
44 0044 1 --

```

```
.. 46      0045 1 %SBTTL 'Declarations'  
.. 47      0046 1  
.. 48      0047 1 : PROLOGUE DEFINITIONS:  
.. 49      0048 1 :  
.. 50      0049 1  
.. 51      0050 1 REQUIRE 'RTLIN:PASPROLOG';           ! Externals, linkages, PSECTs, structures  
.. 52      0114 1  
.. 53      0115 1 :  
.. 54      0116 1 : TABLE OF CONTENTS:  
.. 55      0117 1 :  
.. 56      0118 1  
.. 57      0119 1 FORWARD ROUTINE  
.. 58      0120 1     PAS$LINELIMIT2: NOVALUE;           ! Set Linelimit for file  
.. 59      0121 1  
.. 60      0122 1 :  
.. 61      0123 1 : MACROS:  
.. 62      0124 1 :  
.. 63      0125 1 :     NONE  
.. 64      0126 1 :  
.. 65      0127 1 : EQUATED SYMBOLS:  
.. 66      0128 1 :  
.. 67      0129 1 :     NONE  
.. 68      0130 1 :  
.. 69      0131 1 : FIELDS:  
.. 70      0132 1 :  
.. 71      0133 1 :     NONE  
.. 72      0134 1 :  
.. 73      0135 1 : OWN STORAGE:  
.. 74      0136 1 :  
.. 75      0137 1 :     NONE  
.. 76      0138 1 :
```

```

78 0139 1 %SBTTL 'PASSLINELIMIT2 - Set linelimit for file'
79 0140 1 GLOBAL ROUTINE PASSLINELIMIT2 (          ! Set linelimit for file
80 0141 1     PFV: REF $PASSPFV FILE VARIABLE,      ! File variable
81 0142 1     LINELIMIT: REF VECTOR [1, LONG],    ! New linelimit
82 0143 1     ERROR                               ! Error unwind address
83 0144 1 ) : NOVALUE =
84 0145 1
85 0146 1 **
86 0147 1 FUNCTIONAL DESCRIPTION:
87 0148 1
88 0149 1     This procedure sets a new limit for the number of lines that may
89 0150 1     be written to the specified file.  For non-textfiles, each PUT
90 0151 1     is considered one line.
91 0152 1
92 0153 1 CALLING SEQUENCE:
93 0154 1
94 0155 1     CALL PASSLINELIMIT2 (pfv.mr.r, linelimit.rl.r [, error.j.r])
95 0156 1
96 0157 1 FORMAL PARAMETERS:
97 0158 1
98 0159 1     PFV           - The Pascal File Variable (PFV) passed by reference.
99 0160 1                 The structure of the PFV is defined in PASPFV.REQ.
100 0161 1
101 0162 1     LINELIMIT    - The new linelimit for the file.  A signed longword
102 0163 1                 integer value.  A negative value denotes no limit.
103 0164 1
104 0165 1     ERROR         - Optional.  If specified, the address to unwind to
105 0166 1                 in case of an error.
106 0167 1
107 0168 1 IMPLICIT INPUTS:
108 0169 1
109 0170 1     NONE
110 0171 1
111 0172 1 IMPLICIT OUTPUTS:
112 0173 1
113 0174 1     FCB [FCBSL_LINELIMIT]
114 0175 1
115 0176 1 ROUTINE VALUE:
116 0177 1
117 0178 1     NONE
118 0179 1
119 0180 1 SIDE EFFECTS:
120 0181 1
121 0182 1     NONE
122 0183 1
123 0184 1 SIGNALLED ERRORS:
124 0185 1
125 0186 1     FILNOTOPE - file not open
126 0187 1
127 0188 1 --
128 0189 1
129 0190 2 BEGIN
130 0191 2
131 0192 2 LOCAL
132 0193 2     FCB: REF $PASSFCB CONTROL_BLOCK, ! File control block
133 0194 2     PFV_ADDR: VOLATILE,           ! Enable argument
134 0195 2     UNWIND_ACT: VOLATILE,        ! Enable argument

```

```

135 0196 2      ERROR_ADDR: VOLATILE;          . Enable argument
136 0197 2
137 0198 2      BUILTIN
138 0199 2      ACTUALCOUNT;
139 0200 2
140 0201 2      ENABLE
141 0202 2      PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR);      ! Enable error handler
142 0203 2
143 0204 2      IF ACTUALCOUNT () GEQU 3
144 0205 2      THEN
145 0206 2      ERROR_ADDR = .ERROR;          ! Set unwind address
146 0207 2
147 0208 2      !+
148 0209 2      ! Set the enable argument for the PFV address.
149 0210 2      !-
150 0211 2
151 0212 2      PFV_ADDR = PFV [PFV$R_PFV];
152 0213 2
153 0214 2      !+
154 0215 2      ! Validate and lock the PFV.
155 0216 2      !-
156 0217 2
157 0218 2      PASS$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
158 0219 2
159 0220 2      !+
160 0221 2      ! Set unwind action to unlock file.
161 0222 2      !-
162 0223 2
163 0224 2      UNWIND_ACT = PASS$K_UNWIND_UNLOCK;
164 0225 2
165 0226 2      !+
166 0227 2      ! Resolve lazy lookahead and open INPUT or OUTPUT.
167 0228 2      !-
168 0229 2
169 0230 2      IF NOT .PFV [PFV$V_VALID]
170 0231 2      THEN
171 0232 2      PASS$LOOK_AHEAD (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
172 0233 2
173 0234 2      !+
174 0235 2      ! Verify that file is open.
175 0236 2      !-
176 0237 2
177 0238 2      IF NOT .PFV [PFV$V_OPEN]      ! Not open
178 0239 2      THEN
179 0240 2      SPASS$IO_ERROR (PASS$_FILNOTOPE,0);
180 0241 2
181 0242 2      !+
182 0243 2      ! Set new linelimit.
183 0244 2      !-
184 0245 2
185 0246 2      FCB [FCB$L_LINELIMIT] = .LINELIMIT [0];
186 0247 2
187 0248 2      !+
188 0249 2      ! Indicate successful completion
189 0250 2      ! Unlock file and return.
190 0251 2      !-
191 0252 2

```



PASSLINESLIMIT2 LINELIMIT procedure  
1-001 PASSLINESLIMIT2 - Set linelimit for file

L 6  
16-Sep-1984 01:43:06  
14-Sep-1984 12:51:35

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

Page 6  
(3)

: 199 0260 1 !<BLF/PAGE>  
: 200 0261 1 END  
: 201 0262 1  
: 202 0263 0 ELUDOM

. End of module PASSLINESLIMIT2

PSECT SUMMARY

Name Bytes Attributes  
\_PASSCODE 120 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	90	21	33	00:00.4

COMMAND QUALIFIERS

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

: Size: 120 code + 0 data bytes  
: Run Time: 00:04.8  
: Elapsed Time: 00:20.1  
: Lines/CPU Min: 3267  
: Lexemes/CPU-Min: 9913  
: Memory Used: 67 pages  
: Compilation Complete

