```
PPPPPPPPPPPP           AAAAAAAAA          SSSSSSSSSSSS     RRRRRRRRRRRR     TTTTTTTTTTTTTTT   LLL
PPPPPPPPPPPP           AAAAAAAAA          SSSSSSSSSSSS     RRRRRRRRRRRR     TTTTTTTTTTTTTTT   LLL
PPPPPPPPPPPP           AAAAAAAAA          SSSSSSSSSSSS     RRRRRRRRRRRR     TTTTTTTTTTTTTTT   LLL
PPP         PPP   AAA         AAA   SSS                   RRR         RRR         TTT         LLL
PPP         PPP   AAA         AAA   SSS                   RRR         RRR         TTT         LLL
PPP         PPP   AAA         AAA   SSS                   RRR         RRR         TTT         LLL
PPP         PPP   AAA         AAA   SSS                   RRR         RRR         TTT         LLL
PPP         PPP   AAA         AAA   SSS                   RRR         RRR         TTT         LLL
PPP         PPP   AAA         AAA   SSS                   RRR         RRR         TTT         LLL
PPPPPPPPPPPP      AAA         AAA       SSSSSSSS          RRRRRRRRRRRR              TTT        LLL
PPPPPPPPPPPP      AAA         AAA       SSSSSSSS          RRRRRRRRRRRR              TTT        LLL
PPPPPPPPPPPP      AAA         AAA       SSSSSSSS          RRRRRRRRRRRR              TTT        LLL
PPP               AAAAAAAAAAAAAAA               SSS   RRR   RRR                     TTT        LLL
PPP               AAAAAAAAAAAAAAA               SSS   RRR   RRR                     TTT        LLL
PPP               AAAAAAAAAAAAAAA               SSS   RRR   RRR                     TTT        LLL
PPP               AAA         AAA               SSS   RRR         RRR               TTT        LLL
PPP               AAA         AAA               SSS   RRR         RRR               TTT        LLL
PPP               AAA         AAA               SSS   RRR         RRR               TTT        LLL
PPP               AAA         AAA   SSSSSSSSSSSS         RRR         RRR            TTT   LLLLLLLLLLLLLLLL
PPP               AAA         AAA   SSSSSSSSSSSS         RRR         RRR            TTT   LLLLLLLLLLLLLLLL
PPP               AAA         AAA   SSSSSSSSSSSS         RRR         RRR            TTT   LLLLLLLLLLLLLLLL
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PPPPPPPP     AAAAAA    SSSSSSSS  TTTTTTTTTT  RRRRRRRR  UU      UU  NN      NN  CCCCCCCC    AAAAAA
PPPPPPPP     AAAAAA    SSSSSSSS  TTTTTTTTTT  RRRRRRRR  UU      UU  NN      NN  CCCCCCCC    AAAAAA
PP      PP  AA    AA   SS            TT      RR     RR UU      UU  NN      NN  CC         AA      AA
PP      PP  AA    AA   SS            TT      RR     RR UU      UU  NN      NN  CC         AA      AA
PP      PP  AA    AA   SS            TT      RR     RR UU      UU  NNNN    NN  CC         AA      AA
PPPPPPPP    AA    AA   SSSSSS        TT      RRRRRRRR  UU      UU  NN  NN  NN  CC         AA      AA
PPPPPPPP    AA    AA   SSSSSS        TT      RRRRRRRR  UU      UU  NN  NN  NN  CC         AA      AA
PP          AAAAAAAAAA        SS     TT      RR  RR    UU      UU  NN    NNNN  CC         AAAAAAAAAA
PP          AAAAAAAAAA        SS     TT      RR   RR   UU      UU  NN    NNNN  CC         AAAAAAAAAA
PP          AA    AA          SS     TT      RR    RR  UU      UU  NN      NN  CC         AA      AA
PP          AA    AA          SS     TT      RR    RR  UU      UU  NN      NN  CC         AA      AA
PP          AA    AA   SSSSSSSS      TT      RR     RR UUUUUUUUUU  NN      NN  CCCCCCCC   AA      AA
PP          AA    AA   SSSSSSSS      TT      RR     RR UUUUUUUUUU  NN      NN  CCCCCCCC   AA      AA
```

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LL          IIIIII    SSSSSSSS
LL          IIIIII    SSSSSSSS
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
LLLLLLLLLL  IIIIII    SSSSSSSS
LLLLLLLLLL  IIIIII    SSSSSSSS
```

```
   1    0001  0 MODULE PAS$TRUNCATE ( %TITLE 'TPUNCATE procedure'
   2    0002  0                       IDENT = '1-003'                 ! File: PASTRUNCA.B32 Edit: SBL1003
   3    0003  0                       ) =
   4    0004  1 BEGIN
   5    0005  1
   6    0006  1 !******************************************************************************
   7    0007  1 !*                                                                            *
   8    0008  1 !*    COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                 *
   9    0009  1 !*    DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                  *
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  16    0016  1 !*    OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY   *
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  18    0018  1 !*                                                                            *
  19    0019  1 !*    THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE   *
  20    0020  1 !*    AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
  21    0021  1 !*    CORPORATION.                                                            *
  22    0022  1 !*                                                                            *
  23    0023  1 !*    DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS   *
  24    0024  1 !*    SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                 *
  25    0025  1 !*                                                                            *
  26    0026  1 !*                                                                            *
  27    0027  1 !******************************************************************************
  28    0028  1 !
  29    0029  1
  30    0030  1 !++
  31    0031  1 ! FACILITY:      Pascal Language Support
  32    0032  1 !
  33    0033  1 ! ABSTRACT:
  34    0034  1 !
  35    0035  1 !       This module contains PAS$TRUNCATE, which implements the
  36    0036  1 !       VAX-11 Pascal TRUNCATE procedure.
  37    0037  1 !
  38    0038  1 ! ENVIRONMENT:  User mode - AST reentrant
  39    0039  1 !
  40    0040  1 ! AUTHOR: Steven B. Lionel, CREATION DATE: 29-January-1982
  41    0041  1 !
  42    0042  1 ! MODIFIED BY:
  43    0043  1 !
  44    0044  1 ! 1-001 - Original.  SBL 29-January-1982
  45    0045  1 ! 1-002 - Set FAB$V_TEF after truncate.  SBL 12-Jul-1982
  46    0046  1 ! 1-003 - Don't do $TRUNCATE if not a file oriented device.  SBL 29-July-1982
  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 ! TABLE OF CONTENTS:
   59   0121  1 !
   60   0122  1
   61   0123  1 FORWARD ROUTINE
   62   0124  1     PAS$TRUNCATE: NOVALUE;             ! Do a TRUNCATE
   63   0125  1
   64   0126  1 !
   65   0127  1 ! MACROS:
   66   0128  1 !
   67   0129  1 !     NONE
   68   0130  1 !
   69   0131  1 ! EQUATED SYMBOLS:
   70   0132  1 !
   71   0133  1 !     NONE
   72   0134  1 !
   73   0135  1 ! FIELDS:
   74   0136  1 !
   75   0137  1 !     NONE
   76   0138  1 !
   77   0139  1 ! OWN STORAGE:
   78   0140  1 !
   79   0141  1 !     NONE
```

: R

:

```
 81    0142  1  %SBTTL 'PAS$TRUNCATE - TRUNCATE procedure'
 82    0143  1  GLOBAL ROUTINE PAS$TRUNCATE (
 83    0144  1           PFV: REF $PAS$PFV_FILE_VARIABLE,              ! File variable
 84    0145  1           ERROR                                        . Unwind address ir error
 85    0146  1       ): NOVALUE =
 86    0147  1
 87    0148  1  !++
 88    0149  1  ! FUNCTIONAL DESCRIPTION:
 89    0150  1  !
 90    0151  1  !       PAS$TRUNCATE implements the VAX-11 Pascal TRUNCATE procedure.  It
 91    0152  1  !       deletes the current ·omponent and all following components from the
 92    0153  1  !       file and enters Generation mode.
 93    0154  1  !
 94    0155  1  ! CALLING SEQUENCE:
 95    0156  1  !
 96    0157  1  !       CALL PAS$TRUNCATE (PFV.mr.r [, ERROR.j.r])
 97    0158  1  !
 98    0159  1  ! FORMAL PARAMETERS:
 99    0160  1  !
100    0161  1  !       PFV                  - The Pascal File Variable (PFV) passed by reference.
101    0162  1  !                              The structure of the PFV is defined in PASPFV.REQ.
102    0163  1  !
103    0164  1  !       ERROR                - Optional.  If specified, the address to unwind to
104    0165  1  !                              if an error occurs.
105    0166  1  !
106    0167  1  ! IMPLICIT INPUTS:
107    0168  1  !
108    0169  1  !       NONE
109    0170  1  !
110    0171  1  ! IMPLICIT OUTPUTS:
111    0172  1  !
112    0173  1  !       FAB$V_TEF = 1
113    0174  1  !
114    0175  1  ! ROUTINE VALUE:
115    0176  1  !
116    0177  1  !       NONE
117    0178  1  !
118    0179  1  ! SIDE EFFECTS:
119    0180  1  !
120    0181  1  !       Places file in Generation mode
121    0182  1  !
122    0183  1  ! SIGNALLED ERRORS:
123    0184  1  !
124    0185  1  !       FILNOTOPE - File not open
125    0186  1  !       FILNOTSEQ - File is not sequential organization
126    0187  1  !       FILNOTINS - File is not in Inspection mode
127    0188  1  !       GENNOTALL - Generation mode is not allowed for READONLY file
128    0189  1  !       TRUNOTALL - TRUNCATE is not allowed on a shared file
129    0190  1  !       ERRDURTRU - Error during TRUNCATE
130    0191  1  !
131    0192  1  !--
132    0193  1
133    0194  2      BEGIN
134    0195  2
135    0196  2      LOCAL
136    0197  2          FCB: REF $PAS$FCB_CONTROL_BLOCK,              ! File control block
137    0198  2          PFV_ADDR: VOLATILE,                          ! Enable argument
```

```
 138   0199   2          UNWIND_ACT: VOLATILE,                              ! Enable argument
 139   0200   2          ERROR_ADDR: VOLATILE;                              ! Enable argument
 140   0201
 141   0202   2      BIND
 142   0203   2          RAB = FCB: REF BLOCK [, BYTE],                     ! RMS RAB
 143   0204   2          FAB = FCB: REF $PAS$FAB_FCB_STRUCT;                ! RMS FAB
 144   0205
 145   0206   2      BUILTIN
 146   0207   2          ACTUALCOUNT;
 147   0208
 148   0209   2      ENABLE
 149   0210   2          PAS$$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR);
 150   0211
 151   0212   2      IF ACTUALCOUNT () GEQU 2
 152   0213   2      THEN
 153   0214   2          ERROR_ADDR = .ERROR;                               ! Set unwind address
 154   0215
 155   0216   2      !+
 156   0217   2      ! Set PFV address enable argument.
 157   0218   2      !-
 158   0219
 159   0220   2      PFV_ADDR = PFV [PFV$R_PFV];
 160   0221
 161   0222   2      !+
 162   0223   2      ! Validate and lock PFV
 163   0224   2      !-
 164   0225
 165   0226   2      PAS$$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
 166   0227
 167   0228   2      !+
 168   0229   2      ! Set unwind action to unlock file.
 169   0230   2      !-
 170   0231
 171   0232   2      UNWIND_ACT = PAS$K_UNWIND_UNLOCK;
 172   0233
 173   0234   2      !+
 174   0235   2      ! Resolve lazy lookahead, if any.
 175   0236   2      !-
 176   0237
 177   0238   2      IF NOT .PFV [PFV$V_VALID]
 178   0239   2      THEN
 179   0240   2          PAS$$LOOK_AHEAD (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
 180   0241
 181   0242   2      !+
 182   0243   2      ! Verify that the file is open.
 183   0244   2      !-
 184   0245
 185   0246   2      IF NOT .PFV [PFV$V_OPEN]
 186   0247   2      THEN
 187   0248   2          $PAS$IO_ERROR (PAS$_FILNOTOPE,0);
 188   0249
 189   0250   2      !+
 190   0251   2      ! Verify that the file is in Inspection mode.
 191   0252   2      !-
 192   0253
 193   0254   2      IF NOT .FCB [FCB$V_INSPECTION]
 194   0255   2      THEN
```

```
  195    0256   2            $PASS$IO_ERROR (PAS$_FILNOTINS,0);
  196    0257   2
  197    0258   2        !+
  198    0259   2        ! Verify that Generation mode is allowed for this file.
  199    0260   2        !-
  200    0261   2
  201    0262   2        IF .FCB [FCB$V_NOWRITE]
  202    0263   2        THEN
  203    0264   2            $PASS$IO_ERROR (PAS$_GENNOTALL,0);
  204    0265   2
  205    0266   2        !+
  206    0267   2        ! Verify that the file is sequential organization
  207    0268   2        !-
  208    0269   2
  209    0270   2        IF .FAB [FAB$B_ORG] NEQ FAB$C_SEQ
  210    0271   2        THEN
  211    0272   2            $PASS$IO_ERROR (PAS$_FILNOTSEQ,0);
  212    0273   2
  213    0274   2        !+
  214    0275   2        ! Verify that the file is opened for exclusive access
  215    0276   2        !-
  216    0277   2
  217    0278   2        IF NOT .FAB [FAB$V_NIL]
  218    0279   2        THEN
  219    0280   2            $PASS$IO_ERROR (PAS$_TRUNOTALL,0);
  220    0281   2
  221    0282   2
  222    0283   2        !+
  223    0284   2        ! If the file is not already at EOF and is file oriented, do the truncate.
  224    0285   2        !+
  225    0286   2
  226    0287   2        IF (NOT .FCB [FCB$V_EOF]) AND .FCB [FCB$V_FOD]
  227    0288   2        THEN
  228    0289   3            IF NOT $PASS$RMS_OP ($TRUNCATE (RAB=.RAB))
  229    0290   2            THEN
  230    0291   2                $PASS$IO_ERROR (PAS$_ERRDURTRU);      ! Error during TRUNCATE
  231    0292   2
  232    0293   2        !+
  233    0294   2        ! Set FAB$V_TEF so that unused space is deallocated when the file
  234    0295   2        ! is closed.
  235    0296   2        !-
  236    0297   2
  237    0298   2        FAB [FAB$V_TEF] = 1;
  238    0299   2
  239    0300   2        !+
  240    0301   2        ! Reset record buffer pointers
  241    0302   2        !-
  242    0303   2
  243    0304   2        FCB [FCB$A_RECORD_BEG] = .RAB [RAB$L_UBF];
  244    0305   2        FCB [FCB$A_RECORD_CUR] = .FCB [FCB$A_RECORD_BEG];
  245    0306   2        FCB [FCB$L_RECORD_LEN] = .RAB [RAB$W_USZ];
  246    0307   2        FCB [FCB$A_RECORD_END] = .FCB [FCB$A_RECORD_BEG] + .FCB [FCB$L_RECORD_LEN];
  247    0308   2
  248    0309   2        !+
  249    0310   2        ! Set "truncate on put" bit so that first $PUT will truncate the file.
  250    0311   2        ! This is required for magtapes since RMS won't $PUT to an empty
  251    0312   2        ! magtape file without it.
```

```
252    0313  2    !-
253    0314  2
254    0315  2    RAB [RAB$V_TPT] = 1;
255    0316  2
256    0317  2    .+
257    0318  2    ! Set Generation mode
258    0319  2    ! Indicate at EOF
259    0320  2    ! Cancel previous LOCATE
260    0321  2    ! Indicate successful operation
261    0322  2    ! Undefine file buffer
262    0323  2    ! Unlock the file
263    0324  2    !-
264    0325  2
265    0326  2    FCB [FCB$V_INSPECTION] = 0;
266    0327  2    FCB [FCB$V_GENERATION] = 1;
267    0328  2    FCB [FCB$V_EOF] = 1;
268    0329  2    FCB [FCB$V_LOCATE] = 0;
269    0330  2    FCB [FCB$L_STATUS] = 0;
270    0331  2    PFV [PFV$V_DFB] = 0;
271    0332  2    PFV [PFV$V_EOF_DEFINED] = 1;
272    0333  2    PFV [PFV$V_LOCR] = 0;
273    0334  2
274    0335  2    RETURN;
275    0336  2
276    0337  1    END;                              ! End of routine PAS$TRUNCATE
```

```
                          .TITLE   PAS$TRUNCATE TRUNCATE procedure
                          .IDENT   \1-003\

                          .EXTRN   PAS$TRUNCATE, PAS$$IO_HANDLER
                          .EXTRN   PAS$$VALIDATE_PFV
                          .EXTRN   PAS$$LOOK_AHEAD
                          .EXTRN   PAS$$SIGNAL, PAS$K_FILNOTOPE
                          .EXTRN   PAS$K_FILNOTINS
                          .EXTRN   PAS$K_GENNOTALL
                          .EXTRN   PAS$K_FILNOTSEQ
                          .EXTRN   PAS$K_TRUNOTALL
                          .EXTRN   SYS$TRUNCATE, PAS$K_ERRDURTRU

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

                   00FC 00000    .ENTRY   PAS$TRUNCATE, Save R2,R3,R4,R5,R6,R7    ; 0143
        55 00000000G  00  9E 00002    MOVAB    PAS$$SIGNAL, R5
        5E            08  C2 00009    SUBL2    #8, SP
        7E            D4 0000C    CLRL     ERROR_ADDR                             ; 0194
              04      AE  7C 0000E    CLRQ     UNWIND_ACT
        6D    00D6    CF  DE 00011    MOVAL    12$, (FP)
        02            6C  91 00016    CMPB     (AP), #2                           ; 0212
              04      1F 00019    BLSSU    1$
        6E      08    AC  D0 0001B    MOVL     ERROR, ERROR_ADDR                  ; 0214
        56      04    AC  D0 0001F 1$:  MOVL     PFV, R6                          ; 0220
    08  AE            56  D0 00023    MOVL     R6, PFV_ADDR
        00000000G  00  16 00027    JSB      PAS$$VALIDATE_PFV                     ; 0226
    04  AE            01  D0 0002D    MOVL     #1, UNWIND_ACT                     ; 0232
        54      04    A6  9E 00031    MOVAB    4(R6), R4                          ; 0238
        06      02    A4  E8 00035    BLBS     2(R4), 2$
```

```
                              00000000G  00  16 00039            JSB      PAS$$LOOK_AHEAD                          0240
                08                   64  1D  E0 0003F 2$:        BBS      #29, (R4), 3$                            0246
                                     7E  7E  D4 00043            CLRL     -(SP)                                    0248
                               7E    00G 8F  9A 00045            MOVZBL   #PAS$K_FILNOTOPE, -(SP)
                                         35  11 00049            BRB      7$
                                     52  FC  A7 9E 0004B 3$:     MOVAB    -4(FCB), R2                              0254
                08                   62  0B  E0 0004F            BBS      #11, (R2), 4$
                                     7E  7E  D4 00053            CLRL     -(SP)                                    0256
                               7E    00G 8F  9A 00055            MOVZBL   #PAS$K_FILNOTINS, -(SP)
                                         25  11 00059            BRB      7$
                08         F8    A7       04  E1 0005B 4$:       BBC      #4, -8(FCB), 5$                          0262
                                     7E  7E  D4 00060            CLRL     -(SP)                                    0264
                               7E    00G 8F  9A 00062            MOVZBL   #PAS$K_GENNOTALL, -(SP)
                                         18  11 00066            BRB      7$
                           61    A7       95 00068 5$:          TSTB     97(FCB)                                  0270
                                         08  13 0006B            BEQL     6$
                                     7E  7E  D4 0006D            CLRL     -(SP)                                    0272
                               7E    00G 8F  9A 0006F            MOVZBL   #PAS$K_FILNOTSEQ, -(SP)
                                         0B  11 00073            BRB      7$
                0A         5B    A7       05  E0 00075 6$:       BBS      #5, 91(FCB), 8$                          0278
                                     7E  7E  D4 0007A            CLRL     -(SP)                                    0280
                               7E    00G 8F  9A 0007C            MOVZBL   #PAS$K_TRUNOTALL, -(SP)
                                     65  02  FB 00080 7$:        CALLS    #2, PAS$$SIGNAL
                                         04  00083            RET
                28                   62  0D  E0 00084 8$:        BBS      #13, (R2), 11$                           0287
                                24  03  A2  E9 00088            BLBC     3(R2), 11$
                                     57  DD 0008C 9$:            PUSHL    FCB                                      0289
                   00000000G  00       01  FB 0008E            CALLS    #1, SYS$TRUNCATE
                               18        50  E8 00095            BLBS     $$STATUS, 11$
                   0001825A  8F          50  D1 00098            CMPL     $$STATUS, #98906
                                     04  12 0009F            B   Q    10$
                                E7  03  A2  E8 000A1            BLBS     3(R2), 9$
                                     08        50  E8 000A5 10$:   BLBS     $$STATUS, 11$
                                     7E  00G 8F  9A 000A8            MOVZBL   #PAS$K_ERRDURTRU, -(SP)              0291
                                     65  01  FB 000AC            CALLS    #1, PAS$$SIGNAL
                                         04  000AF            RET
                           4B    A7       10  88 000B0 11$:     BISB2    #16, 75(FCB)                             0298
                           E8    A7  24  A7  D0 000B4            MOVL     36(FCB), -24(FCB)                        0304
                           EC    A7  E8  A7  D0 000B9            MOVL     -24(FCB), -20(FCB)                       0305
                           F4    A7  20  A7  3C 000BE            MOVZWL   32(FCB), -12(FCB)                        0306
                FO    A7   E8    A7  F4  A7  C1 000C3            ADDL3    -12(FCB), -24(FCB), -16(FCB)             0307
                                     04  02  88 000CA            BISB2    #2, 4(FCB)                               0315
                                     01  A2  08  8A 000CE            BICB2    #8, 1(R2)                            0326
                                     01  A2  30  88 000D2            BISB2    #48, 1(R2)                           0328
                                     02  A2  01  8A 000D6            BICB2    #1, 2(R2)                            0329
                                     D4  A7  D4 000DA            CLRL     -44(FCB)                                 0330
                                02  A4  02  8A 000DD            BICB2    #2, 2(R4)                                0331
                                02  A4  04  88 000E1            BISB2    #4, 2(R4)                                0332
                                03  A4  80  8F  8A 000E5            BICB2    #128, 3(R4)                           0333
                                         04  000EA            RET                                                 0337
                                     0000  000EB 12$:     .WORD    Save nothing                            0194
                                     50  08  AC  D0 000ED            MOVL     8(AP), R0
                                     50  04  A0  D0 000F1            MOVL     4(R0), R0
                                     F4  A0  9F 000F5            PUSHAB   ERROR_ADDR
                                     F8  A0  9F 000F8            PUSHAB   UNWIND_ACT
                                     FC  A0  9F 000FB            PUSHAB   PFV_ADDR
                                         03  DD 000FE            PUSHL    #3
```

```
                                  5E  DD 00100    PUSHL   SP
                          7E   04 AC  7D 00102    MOVQ    4(AP), -(SP)
              00000000G 00      03  FB 00106    CALLS   #3, PASS$IO_HANDLER
                                     04 0010D    RET
```

; Routine Size: 270 bytes,   Routine Base: _PAS$CODF + 0000

:   277   0338 1
:   278   0339 1 !<BLF/PAGE>

```
;  280        0340  1 END                              ! End of module PASSTRUNCATE
;  281        0341  1
;  282        0342  0 ELUDOM
```

                              PSECT SUMMARY

         Name   Bytes   Attributes

: _PASSCODE   270 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

                      Library Statistics

                                  -------- Symbols --------   Pages   Processing
           File   Total   Loaded   Percent   Mapped   Time

: _255DUA28:[SYSLIB]STARLET.L32;1   9776   12   0   581   00:01.0
: _255DUA28:[PASRTL.OBJ]PASLIB.L32;1   427   97   22   33   00:00.4

                        COMMAND QUALIFIERS

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

; Size: 270 code + 0 data bytes
; Run Time: 00:08.1
; Elapsed Time: 00:23.5
; Lines/CPU Min: 2527
; Lexemes/CPU-Min: 17963
; Memory Used: 122 pages
; Compilation Complete

PASREWRIT
LIS

PASSIGNAL
LIS

PASSQR
LIS

PASTRUNCA
LIS

PASUNLOCK
LIS

PASWRIBOO
LIS

PASVECTOR
LIS

PASWRIBIN
LIS

PASUNDEFI
LIS

PASVALIDA
LIS

PASWRIHEX
LIS

PASUM
LIS

PASWRIFF1
LIS

PASTIME
LIS

PASWRIFD1
LIS

PASUPDATE
LIS

PASWRIENU
LIS

PASSTATUS
LIS

PASUFB
LIS

PASWRICHA
LIS