


```

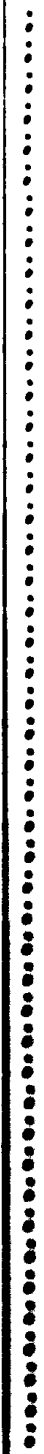
PPPPPPPP      AAAAAA      SSSSSSSS  WW      WW      RRRRRRRR      IIIIII      UU      UU      NN      NN      SSSSSSSS
PPPPPPPP      AAAAAA      SSSSSSSS  WW      WW      RRRRRRRR      IIIIII      UU      UU      NN      NN      SSSSSSSS
PP      PP      AA      AA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS
PP      PP      AA      AA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS
PP      PP      AA      AA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS
PP      PP      AA      AA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS
PPPPPPPP      AA      AA      SSSSSS  WW      WW      RRRRRRRR      IIIIII      UU      UU      NN      NN      SSSSSS
PPPPPPPP      AA      AA      SSSSSS  WW      WW      RRRRRRRR      IIIIII      UU      UU      NN      NN      SSSSSS
PP      AAAAAAAAAA      SS      WW      WW      WW      RR      RR      II      UU      UU      NN      NN      SS
PP      AAAAAAAAAA      SS      WW      WW      WW      RR      RR      II      UU      UU      NN      NN      SS
PP      AA      AA      SS      WWW      WWW      RR      RR      II      UU      UU      NN      NN      SS
PP      AA      AA      SS      WWW      WWW      RR      RR      II      UU      UU      NN      NN      SS
PP      AA      AA      SSSSSSSS  WW      WW      RR      RR      IIIIII  UUUUUUUUUU  NN      NN      SSSSSSSS
PP      AA      AA      SSSSSSSS  WW      WW      RR      RR      IIIIII  UUUUUUUUUU  NN      NN      SSSSSSSS

```

```

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 PASSWRITE UNSIGNED ( %TITLE 'Write an unsigned integer'
2 0002 0 IDENT = '1-002' ! File: PASWRIUNS.B32 Edit: SBL1002
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 writes an unsigned integer
36 0036 1 to a textfile.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 1-April-1981
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 1-April-1981
45 0045 1 1-002 - Make total-width a longword. SBL 30-June-1982
46 0046 1 --
47 0047 1

```

PASSWRITE_UNSIG Write an unsigned integer
1-002 Declarations

J 12
16-Sep-1984 02:27:06
14-Sep-1984 12:52:10

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

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(2)

```
.. 49      0048 1 %SBTTL 'Declarations'
.. 50      0049 1
.. 51      0050 1 PROLOGUE DEFINITIONS:
.. 52      0051 1
.. 53      0052 1
.. 54      0053 1 REQUIRE 'R'LIN:PASPROLOG';           ! Externals, linkages, PSECTs, structures
.. 55      0117 1
.. 56      0118 1
.. 57      0119 1 TABLE OF CONTENTS:
.. 58      0120 1
.. 59      0121 1
.. 60      0122 1 FORWARD ROUTINE
.. 61      0123 1     PASSWRITE UNSIGNED: NOVALUE,           ! Write to textfile
.. 62      0124 1     PASSWRITEV_UNSIGNED: NOVALUE;       ! Write to string
.. 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
.. 80      0142 1
```

```

82 0143 1 %SBTTL 'PASSWRITE UNSIGNED - Write unsigned integer to textfile'
83 0144 1 GLOBAL ROUTINE PASSWRITE UNSIGNED (
84 0145 1     PFV: REF $PASSPFV_FILE_VARIABLE,           ! File variable
85 0146 1     INTEGER,                               ! Value to write
86 0147 1     TOTAL_WIDTH: SIGNED,                 ! Total field width
87 0148 1     ERROR                                ! Error unwind address
88 0149 1 ): NOVALUE =
89 0150 1
90 0151 1 ++
91 0152 1 FUNCTIONAL DESCRIPTION:
92 0153 1     This procedure writes an unsigned integer to the specified textfile.
93 0154 1
94 0155 1 CALLING SEQUENCE:
95 0156 1     CALL PASSWRITE_UNSIGNED (PFV.mr.r, INTEGER.rlu.v, TOTAL_WIDTH.rl.v
96 0157 1     [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     INTEGER            - The integer to write.
104 0165 1
105 0166 1     TOTAL_WIDTH        - Optional. Total field width.
106 0167 1
107 0168 1     ERROR              - Optional. Address to unwind to if an error occurs.
108 0169 1
109 0170 1 IMPLICIT INPUTS:
110 0171 1
111 0172 1     NONE
112 0173 1
113 0174 1 IMPLICIT OUTPUTS:
114 0175 1
115 0176 1     NONE
116 0177 1
117 0178 1 ROUTINE VALUE:
118 0179 1
119 0180 1     NONE
120 0181 1
121 0182 1 SIDE EFFECTS:
122 0183 1
123 0184 1     If the file is the standard file INPUT or OUTPUT, it is implicitly opened.
124 0185 1
125 0186 1 SIGNALLED ERRORS:
126 0187 1
127 0188 1     LINTOOLON - line too long
128 0189 1     NEGWIDDIG - negative width or digits specification not allowed
129 0190 1
130 0191 1
131 0192 1
132 0193 1 --
133 0194 1 BEGIN
134 0195 2     LOCAL
135 0196 2     FCB: REF $PASSFCB_CONTROL_BLOCK,           ! File control block
136 0197 2     FIELD_WIDTH,                             ! Total width
137 0198 2
138 0199 2
    
```

```

139 0200 2 INT DIGITS, ! Number of digits
140 0201 2 STRING: VECTOR [12, BYTE], ! String for result
141 0202 2 DESCR: BLOCK [8, BYTE], ! String descriptor
142 0203 2 CTRSTR DESCR: BLOCK [8, BYTE], ! FAO Control string descriptor
143 0204 2 PFV_ADDR: VOLATILE, ! Enable argument
144 0205 2 UNWIND_ACT: VOLATILE, ! Enable argument
145 0206 2 ERROR_ADDR: VOLATILE; ! Enable argument
146 0207
147 0208 BUILTIN
148 0209 ACTUALCOUNT;
149 0210
150 0211 ENABLE
151 0212 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR); ! Enable error handler
152 0213
153 0214 !+
154 0215 ! Get ERROR parameter, if present.
155 0216 !-
156 0217
157 0218 IF ACTUALCOUNT () GEQU 4
158 0219 THEN
159 0220 ERROR_ADDR = .ERROR; ! Set unwind address
160 0221
161 0222 PFV_ADDR = PFV [PFV$R_PFV]; ! Set PFV address
162 0223
163 0224 !+
164 0225 ! Validate PFV and get PFV.
165 0226 !-
166 0227
167 0228 PASS$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
168 0229
169 0230 !+
170 0231 ! Set unwind action to unlock file.
171 0232 !-
172 0233
173 0234 UNWIND_ACT = PASS$K_UNWIND_UNLOCK;
174 0235
175 0236 !+
176 0237 ! Do common initialization.
177 0238 !-
178 0239
179 0240 PASS$INIT_WRITE (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
180 0241
181 0242 !+
182 0243 ! Check for invalid width.
183 0244 !-
184 0245
185 0246 IF .TOTAL_WIDTH LSS 0
186 0247 THEN
187 0248 $PASS$IO_ERROR (PASS_NEGWIDDIG,0);
188 0249
189 0250 !+
190 0251 ! Convert integer to text
191 0252 !-
192 0253
193 0254 DESCR [DSC$W_LENGTH] = 12;
194 0255 DESCR [DSC$B_CLASS] = DSC$K_CLASS_S;
195 0256 DESCR [DSC$B_DTYPE] = DSC$K_DTYPE_T;

```

```

196      0257      2      DESCR [DSC$A_POINTER] = STRING;
197      0258      2      CTRSTR_DESCR [DSC$B_CLASS] = DSC$K_CLASS_S;
198      0259      2      CTRSTR_DESCR [DSC$B_DTYPE] = DSC$K_DTYPE_T;
199      0260      2      CTRSTR_DESCR [DSC$W_LENGTH] = %CHARCOUNT ('!UL');
200      0261      2      CTRSTR_DESCR [DSC$A_POINTER] = UPLIT BYTE ('!UL');
201      0262      2
202      P 0263      2      $FAO (CTRSTR_DESCR,      ! Control string descriptor
203      P 0264      2          DESCR [DSC$W_LENGTH], ! Returned length
204      P 0265      2          DESCR,              ! Result descriptor
205      0266      2          .INTEGER);          ! Value to convert (Conversion can't fail)
206      0267      2
207      0268      2
208      0269      2      !+
209      0270      2      ! Get desired field width and width of converted string.
210      0271      2      !-
211      0272      2
212      0273      2      FIELD_WIDTH = .TOTAL_WIDTH;
213      0274      2      INT_DIGITS = .DESCR [DSC$W_LENGTH];
214      0275      2
215      0276      2      !+
216      0277      2      ! See if field will fit in record.
217      0278      2      !-
218      0279      2
219      0280      2      FIELD_WIDTH = MAX (.FIELD_WIDTH, .DESCR [DSC$W_LENGTH]);
220      0281      2      BEGIN
221      0282      2      LOCAL
222      0283      2          EXTRA;          ! Extra characters past end of line
223      0284      2      EXTRA = (.FCB [FCB$A_RECORD_CUR] + .FIELD_WIDTH) - .FCB [FCB$A_RECORD_END];
224      0285      2      IF .EXTRA GTR 0
225      0286      2      THEN
226      0287      2          $PASSIO_ERROR (PASS_LINTOOLON,1,.EXTRA);
227      0288      2      END;
228      0289      2
229      0290      2      !+
230      0291      2      ! Move leading blanks, if any.
231      0292      2      !-
232      0293      2
233      0294      2      IF .D_WIDTH - .DESCR [DSC$W_LENGTH] GTR 0
234      0295      2      THEN
235      0296      2          FCB [FCB$A_RECORD_CUR] = CH$FILL (' ', .FIELD_WIDTH - .DESCR [DSC$W_LENGTH], .FCB [FCB$A_RECORD_CUR]
236      0297      2
237      0298      2      !+
238      0299      2      ! Now move value
239      0300      2      !-
240      0301      2
241      0302      2      FCB [FCB$A_RECORD_CUR] = CH$MOVE (.DESCR [DSC$W_LENGTH], .DESCR [DSC$A_POINTER], .FCB [FCB$A_RECORD_CUR]
242      0303      2
243      0304      2      !+
244      0305      2      ! Call WRITE epilogue routine to move the last character written to the
245      0306      2      ! user's buffer and to unlock the file variable.
246      0307      2      !-
247      0308      2
248      0309      2      PASS$END_WRITE (PFV [PFV$R_PFV], FCB [FCB$R_FCB]);
249      0310      2
250      0311      2      RETURN;
251      0312      2
252      0313      2      END;

```

! End of routine PASSWRITE_UNSIGNED

| | | | | | |
|---|--|--|--|--|---|
| | | | | <pre> .TITLE PASSWRITE_UNSIGNED Write an unsigned integer .IDENT \1-002\ .PSECT _PASSCODE,NOWRT, SHR, PIC,2 .ASCII \!UL\ .EXTRN PASSWRITE_UNSIGNED .EXTRN PASSWRITED_UNSIGNED .EXTRN PASS\$IO_HANDLER .EXTRN PASS\$VACIDATE_PFV .EXTRN PASS\$INIT_WRITE .EXTRN PASS\$SIGNAL, PASSK_NEGWIDDIG .EXTRN SYSS\$FAO, PASSK_LINTOOLON .EXTRN PASS\$END_WRITE </pre> | |
| 4C 55 21 0000 P.AAA: | | | | <pre> .ENTRY PASSWRITE_UNSIGNED, Save R2,R3,R4,R5,R6,R7,-; R8,R9 MOVAB PASS\$SIGNAL, R9 SUBL2 #36, SP CLRL ERROR_ADDR CLRQ UNWIND_ACT MOVAL 6\$, (FP) CMPB (AP), #4 BLSSU 1\$ MOVL ERROR, ERROR_ADDR MOVL PFV, R6 MOVL R6, PFV_ADDR JSB PASS\$VACIDATE_PFV MOVL #1, UNWIND_ACT JSB PASS\$INIT_WRITE TSTL TOTAL_WIDTH BGEQ 2\$ CLRL -(SP) MOVZBL #PASSK_NEGWIDDIG, -(SP) CALLS #2, PASS\$SIGNAL RET MOVL #17694732, DESCR MOVAB STRING, DESCR+4 MOVL #17694723, CTRSTR_DESCR MOVAB P.AAA, CTRSTR_DESCR+4 PUSHL INTEGER PUSHAB DESCR PUSHAB DESCR PUSHAB CTRSTR_DESCR CALLS #4, SYSS\$FAO MOVL TOTAL_WIDTH, FIELD_WIDTH MOVZWL DESCR, R8 MOVL R8, INT_DIGITS MOVL FIELD_WIDTH, R0 CMPL R0, R8 BGEQ 3\$ MOVL R8, R0 MOVL R0, FIELD_WIDTH ADDL3 -20(FCB), FIELD_WIDTH, R0 </pre> | <pre> 0144 0195 0218 0220 0222 0228 0234 0240 0246 0248 0254 0257 0260 0261 0266 0273 0274 0280 0284 </pre> |
| <pre> 59 00000000G 00 9E 00002 5E 24 C2 00009 7E D4 0000C 04 AE 7C 0000E 6D 00B2 CF DE 00011 04 6C 91 00016 04 1F 00019 6E 10 AC D0 0001B 56 04 AC D0 0001F 1\$: 08 AE 56 D0 00023 00000000G 00 16 00027 04 AE 01 D0 0002D 00000000G 00 16 00031 0C AC D5 00037 0A 18 0003A 7E D4 0003C 7E 00G 8F 9A 0003E 69 02 FB 00042 04 00045 2\$: 14 AE 010E000C 8F D0 00046 18 AE 1C AE 9E 0004E 0C AE 010E0003 8F D0 00053 10 AE 9F AF 9E 0005B 08 AC DD 00060 18 AE 9F 00063 1C AE 9F 00066 18 AE 9F 00069 00000000G 00 04 FB 0006C 52 0C AC D0 00073 58 14 AE 3C 00077 50 58 D0 0007B 50 52 D0 0007E 58 50 D1 00081 03 18 00084 50 58 D0 00086 52 50 D0 00089 3\$: 50 EC A7 C1 0008C </pre> | | | | | |


```

: 256 0316 1 %SBTTL 'PASSWRITEV UNSIGNED - Write unsigned to string'
: 257 0317 1 GLOBAL ROUTINE PASSWRITEV_UNSIGNED (
: 258 0318 1     MAX_LENGTH: WORD,           ! Maximum length of string
: 259 0319 1     STRING_LINE: REF VECTOR [, WORD], ! String to write to
: 260 0320 1     VALUE,             ! Value to write
: 261 0321 1     TOTAL_WIDTH: SIGNED, ! Total field width
: 262 0322 1     ERROR             ! Error unwind address
: 263 0323 1 ) : NOVALUE =
: 264 0324 1
: 265 0325 1 ++
: 266 0326 1 FUNCTIONAL DESCRIPTION:
: 267 0327 1
: 268 0328 1     This procedure writes an un signed integer to the specified string.
: 269 0329 1
: 270 0330 1 CALLING SEQUENCE:
: 271 0331 1
: 272 0332 1     CALL PASSWRITEV_UNSIGNED (MAX_LENGTH.rw.v, STRING_LINE.wvt.r,
: 273 0333 1     VALUE.rlu.v, TOTAL_WIDTH.rtv [, ERROR.j.r])
: 274 0334 1
: 275 0335 1 FORMAL PARAMETERS:
: 276 0336 1
: 277 0337 1     MAX_LENGTH      - The maximum length of STRING_LINE.
: 278 0338 1
: 279 0339 1     STRING_LINE    - A varying string to which the output will be appended.
: 280 0340 1
: 281 0341 1     VALUE          - The unsigned integer to write.
: 282 0342 1
: 283 0343 1     TOTAL_WIDTH    - The width of the field to write.
: 284 0344 1
: 285 0345 1     ERROR          - Optional.  If specified, the address to unwind to
: 286 0346 1                   in case of an error.
: 287 0347 1
: 288 0348 1 IMPLICIT INPUTS:
: 289 0349 1
: 290 0350 1     NONE
: 291 0351 1
: 292 0352 1 IMPLICIT OUTPUTS:
: 293 0353 1
: 294 0354 1     NONE
: 295 0355 1
: 296 0356 1 ROUTINE VALUE:
: 297 0357 1
: 298 0358 1     NONE
: 299 0359 1
: 300 0360 1 SIDE EFFECTS:
: 301 0361 1
: 302 0362 1     NONE
: 303 0363 1
: 304 0364 1 SIGNALLED ERRORS:
: 305 0365 1
: 306 0366 1     See PASSWRITE_UNSIGNED
: 307 0367 1
: 308 0368 1 !--
: 309 0369 1
: 310 0370 2     BEGIN
: 311 0371 2
: 312 0372 2     LOCAL
    
```

```

313 0373 2 PFV: $PASSPFV FILE VARIABLE, ! Pascal File Variable
314 0374 2 ARG_LIST: VECTOR [4, LONG], ! Argument list
315 0375 2 PFV_ADDR: VOLATILE, ! Enable argument
316 0376 2 UNWIND_ACT: VOLATILE, ! Enable argument
317 0377 2 ERROR_ADDR: VOLATILE; ! Enable argument
318 0378 2
319 0379 2 BUILTIN
320 0380 2 ACTUALCOUNT; ! Count of arguments
321 0381 2
322 0382 2 ENABLE
323 0383 2 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR); ! Enable error handler
324 0384 2
325 0385 2 !+
326 0386 2 ! Get ERROR parameter, if present.
327 0387 2 !-
328 0388 2
329 0389 2 IF ACTUALCOUNT () GEQU 5
330 0390 2 THEN
331 0391 2 ERROR_ADDR = .ERROR; ! Set unwind address
332 0392 2
333 0393 2 PFV_ADDR = PFV [PFV$R_PFV]; ! Set PFV address
334 0394 2
335 0395 2 !+
336 0396 2 ! Set up ARG_LIST.
337 0397 2 !-
338 0398 2
339 0399 2 ARG_LIST [0] = 3; ! Three arguments
340 0400 2 ARG_LIST [1] = PFV [PFV$R_PFV]; ! PFV address
341 0401 2 ARG_LIST [2] = .VALUE; ! Unsigned integer to write
342 0402 2 ARG_LIST [3] = .TOTAL_WIDTH; ! Field width
343 0403 2
344 0404 2 !+
345 0405 2 ! Call PASS$DO_WRITEV to do the work, giving it the address of
346 0406 2 ! PASSWRITE_UNSIGNED to call.
347 0407 2 !-
348 0408 2
349 0409 2 PASS$DO_WRITEV (PFV [PFV$R_PFV], .MAX_LENGTH, STRING_LINE [0], ARG_LIST,
350 0410 2 PASSWRITE_UNSIGNED);
351 0411 2
352 0412 2 RETURN;
353 0413 2
354 0414 1 END; ! End of routine PASSWRITEV_UNSIGNED
  
```

```

.EXTRN PASS$DO_WRITEV
      007C 00000
      5E      28 C2 00002
              7E D4 00005
              04 AE 7C 00007
      6D      0039 CF DE 0000A
      05      6C 91 0000F
              04 1F 00012
      6E      14 AC D0 00014
      08 AE      1C AE 9E 00018 1$:
      0C AE      03 D0 0001D
      .ENTRY PASSWRITEV_UNSIGNED, Save R2,R3,R4,R5,R6 : 0317
      SUBL2 #40, SP
      CLRL ERROR_ADDR : 0370
      CLRQ UNWIND_ACT
      MOVAL 2$, (FP)
      CMPB (AP), #5 : 0389
      BLSSU 1$
      MOVL ERROR, ERROR_ADDR : 0391
      MOVAB PFV, PFV_ADDR : 0393
      MOVL #3, ARG_LIST : 0399
  
```

PASSWRITE_UNSIG Write an unsigned integer
1-002

PASSWRITEV_UNSIGNED - Write unsigned to string

E 13
16-Sep-1984 02:27:06
14-Sep-1984 12:52:10

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

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| | | | | | | | | | |
|----|-----------|-----------|----|------|-------|--------|------------------------|---|------|
| 10 | AE | 1C | AE | 9E | 00021 | MOVAB | PFV, ARG_LIST+4 | : | 0400 |
| 14 | AE | 0C | AC | 7D | 00026 | MOVQ | VALUE, ARG_LIST+8 | : | 0401 |
| | 55 | FEE7 | CF | 9E | 0002B | MOVAB | PASSWRITE_UNSIGNED, R5 | : | 0409 |
| | 54 | 0C | AE | 9E | 00030 | MOVAB | ARG_LIST, R4 | : | |
| | 56 | 1C | AE | 9E | 00034 | MOVAB | PFV, R6 | : | |
| | 53 | 08 | AC | D0 | 00038 | MOVL | STRING_LINE, R3 | : | |
| | 52 | 04 | AC | 3C | 0003C | MOVZWL | MAX_LENGTH, R2 | : | |
| | | 00000000G | 00 | 16 | 00040 | JSB | PASS\$DO_WRITEV | : | |
| | | | | 04 | 00046 | RET | | : | |
| | | | | 0000 | 00047 | .WORD | Save nothing | : | 0414 |
| | 50 | 08 | AC | D0 | 00049 | MOVL | 8(AP), R0 | : | 0370 |
| | 50 | 04 | A0 | D0 | 0004D | MOVL | 4(R0), R0 | : | |
| | | D4 | A0 | 9F | 00051 | PUSHAB | ERROR_ADDR | : | |
| | | D8 | A0 | 9F | 00054 | PUSHAB | UNWIND_ACT | : | |
| | | DC | A0 | 9F | 00057 | PUSHAB | PFV_ADDR | : | |
| | | | | 03 | DD | PUSHL | #3 | : | |
| | | | | 5E | DD | PUSHL | SP | : | |
| | | | | 7E | 04 | AC | 4(AP), -(SP) | : | |
| | 00000000G | 00 | 03 | FB | 00062 | CALLS | #3, PASS\$IO_HANDLER | : | |
| | | | | 04 | 00069 | RET | | : | |

: Routine Size: 106 bytes, Routine Base: _PASS\$CODE + 00ED

: 355 0415 1
: 356 0416 1 !<BLF/PAGE>

```

: 358      0417 1 END                               ! End of module PASSWRITE_UNSIGNED
: 359      0418 1
: 360      0419 0 ELUDOM
    
```

PSECT SUMMARY

```

: Name          Bytes          Attributes
: _PASSCODE    343 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 | 7 | 0 | 581 | 00:01.0 |
| _\$255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1 | 427 | 96 | 22 | 33 | 00:00.4 |

COMMAND QUALIFIERS

```

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

```

: 361      0420 0
: Size:      340 code + 3 data bytes
: Run Time:  00:08.3
: Elapsed Time: 00:19.3
: Lines/CPU Min: 3021
: Lexemes/CPU-Min: 16280
: Memory Used: 101 pages
: Compilation Complete
    
```