


```
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      SSSSSSSS
PP      PP      AA      AA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS      SSSSSSSS
PP      PP      AA      AA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS      SSSSSSSS
PPPPPPPP      AA      AA      SSSSSS      WW      WW      RRRRRRRR      II      UU      UU      NN      NN      SS      SSSSSS
PPPPPPPP      AA      AA      SSSSSS      WW      WW      RRRRRRRR      II      UU      UU      NN      NN      SS      SSSSSS
PP      AAAAAAAAAA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS      SSSSSS
PP      AAAAAAAAAA      SS      WW      WW      RR      RR      II      UU      UU      NN      NN      SS      SSSSSS
PP      AA      AA      SS      WWW      WWW      RR      RR      II      UU      UU      NN      NN      SS      SSSSSS
PP      AA      AA      SS      WWW      WWW      RR      RR      II      UU      UU      NN      NN      SS      SSSSSS
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
```

```

: 49      0048 1 %SBTTL 'Declarations'
: 50      0049 1
: 51      0050 1 PROLOGUE DEFINITIONS:
: 52      0051 1
: 53      0052 1
: 54      0053 1 REQUIRE 'RTLIN:PASPROLOG';
: 55      0117 1 ! Externals, linkages, PSECTs, structures
: 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,
: 62      0124 1 PASSWRITEV_UNSIGNED: NOVALUE;
: 63      0125 1 ! Write to textfile
: 64      0126 1 ! Write to string
: 65      0127 1
: 66      0128 1 MACROS:
: 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
93 0154 1   This procedure writes an unsigned integer to the specified textfile.
94 0155 1
95 0156 1 CALLING SEQUENCE:
96 0157 1
97 0158 1   CALL PASSWRITE_UNSIGNED (PFV.mr.r, INTEGER.rlu.v, TOTAL_WIDTH.rl.v
98 0159 1   [ERROR.j.r])
99 0160 1
100 0161 1 FORMAL PARAMETERS:
101 0162 1
102 0163 1   PFV          - The Pascal File Variable (PFV) passed by reference.
103 0164 1   The structure of the PFV is defined in PASPFV.REQ.
104 0165 1
105 0166 1   INTEGER      - The integer to write.
106 0167 1
107 0168 1   TOTAL_WIDTH  - Optional. Total field width.
108 0169 1
109 0170 1   ERROR       - Optional. Address to unwind to if an error occurs.
110 0171 1
111 0172 1 IMPLICIT INPUTS:
112 0173 1
113 0174 1   NONE
114 0175 1
115 0176 1 IMPLICIT OUTPUTS:
116 0177 1
117 0178 1   NONE
118 0179 1
119 0180 1 ROUTINE VALUE:
120 0181 1
121 0182 1   NONE
122 0183 1
123 0184 1 SIDE EFFECTS:
124 0185 1
125 0186 1   If the file is the standard file INPUT or OUTPUT, it is implicitly opened.
126 0187 1
127 0188 1 SIGNALLED ERRORS:
128 0189 1
129 0190 1   LINTOOLON - line too long
130 0191 1   NEGWIDDIG - negative width or digits specification not allowed
131 0192 1
132 0193 1 !--
133 0194 1
134 0195 2 BEGIN
135 0196 2
136 0197 2 LOCAL
137 0198 2   FCB: REF $PASSFCB_CONTROL_BLOCK,      ! File control block
138 0199 2   FIELD_WIDTH,                       ! Total width

```

```

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

```



```
196      0257 2      DESC [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      $FAO (CTRSTR_DESCR,      ! Control string descriptor
203      P 0264 2      DESC [DSC$W_LENGTH],      ! Returned length
204      P 0265 2      DESC,      ! 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      $PASSIO_ERROR (PASS_LINTOOLON,1,.EXTRA);
227      0288 2      END;
228      0289 2
229      0290 2      !+
230      0291 2      ! Move leading blanks, if any.
231      0292 2      !-
232      0293 2
233      0294 2      IF .FIELD_WIDTH - .DESCR [DSC$W_LENGTH] GTR 0
234      0295 2      THEN
235      0296 2      FCB [FCB$A_RECORD_CUR] = CH$FILL (%C' ', .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 1      END;      ! End of routine PASSWRITE_UNSIGNED
```

```

.TITLE PASSWRITE_UNSIGNED Write an unsigned integer
.IDENT \1-002\

.PSECT _PASSCODE,NOWRT, SHR, PIC,2

4C 55 21 00000 P.AAA: .ASCII \!UL\ ;

.EXTRN PASSWRITE_UNSIGNED
.EXTRN PASSWRITEV_UNSIGNED
.EXTRN PASS$IO_HANDLER
.EXTRN PASS$VALIDATE_PFV
.EXTRN PASS$INIT_WRITE
.EXTRN PASS$SIGNAL, PASSK_NEGWIDDIG
.EXTRN SY$FAO, PASSK_LINTOOLON
.EXTRN PASS$END_WRITE

.ENTRY PASSWRITE_UNSIGNED, Save R2,R3,R4,R5,R6,R7,-; 0144
R8,R9
MOVAB PASS$SIGNAL, R9
SUBL2 #36, SP
CLRL ERROR_ADDR 0195
CLRQ UNWIND_ACT
MOVAL 6$, (FP)
CMPB (AP), #4 0218
BLSSU 1$
MOVL ERROR, ERROR_ADDR 0220
MOVL PFV, R6 0222
MOVL R6, PFV_ADDR
JSB PASS$VALIDATE_PFV 0228
MOVL #1, UNWIND_ACT 0234
JSB PASS$INIT_WRITE 0240
TSTL TOTAL_WIDTH 0246
BGEQ 2$
CLRL -(SP) 0248
MOVZBL #PASSK_NEGWIDDIG, -(SP)
CALLS #2, PASS$SIGNAL
RET
MOVL #17694732, DESCR 0254
MOVAB STRING, DESCR+4 0257
MOVL #17694723, CTRSTR_DESCR 0260
MOVAB P.AAA, CTRSTR_DESCR+4 0261
PUSHL INTEGER 0266
PUSHAB DESCR
PUSHAB DESCR
PUSHAB CTRSTR_DESCR
CALLS #4, SY$FAO
MOVL TOTAL_WIDTH, FIELD_WIDTH 0273
MOVZWL DESCR, R8 0274
MOVL R8, INT_DIGITS
MOVL FIELD_WIDTH, R0 0280
CML R0, R8
BGEQ 3$
MOVL R8, R0
MOVL R0, FIELD_WIDTH
ADDL3 -20(FCB), FIELD_WIDTH, R0 0284

```


PASSWRITE_UNSIG Write an unsigned integer
1-002

PASSWRITE_UNSIGNED - Write unsigned integer to

B 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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(3)

50	F0	A7	C2	00091	SUBL2	-16(FCB), EXTRA	:	
		0C	15	00095	BLEQ	4\$	:	0285
		50	DD	00097	PUSHL	EXTRA	:	0287
		01	DD	00099	PUSHL	#1	:	
7E	00G	8F	9A	0009B	MOVZBL	#PASSK_LINTOOLON, -(SP)	:	
69		03	FB	0009F	CALLS	#3, PASS\$SIGNAL	:	
			04	000A2	RET		:	
58		52	D1	000A3	4\$:	CMP	FIELD_WIDTH, R8	0294
		0E	15	000A6		BLEQ	5\$	
52		58	C2	000A8	SUBL2	R8, R2	:	0296
6E		00	2C	000AB	MOVCS	#0, (SP), #32, R2, a-20(FCB)	:	
		B7		000B0			:	
	EC	A7	D0	000B2	MOVL	R3, -20(FCB)	:	
	EC	B7	28	000B6	5\$:	MOVC3	R8, aDESCR+4, a-20(FCB)	0302
		A7	D0	000BC	MOVL	R3, -20(FCB)	:	
			00	16 000C0	JSB	PASS\$END_WRITE	:	0309
			04	000C6	RET		:	0313
			0000	000C7	6\$:	.WORD	Save nothing	0195
50		08	AC	D0 000C9	MOVL	8(AP), R0	:	
50		04	A0	D0 000CD	MOVL	4(R0), R0	:	
		D8	A0	9F 000D1	PUSHAB	ERROR_ADDR	:	
		DC	A0	9F 000D4	PUSHAB	UNWIND_ACT	:	
		E0	A0	9F 000D7	PUSHAB	PFV_ADDR	:	
			03	DD 000DA	PUSHL	#3	:	
			5E	DD 000DC	PUSHL	SP	:	
		7E	04	AC 7D 000DE	MOVQ	4(AP), -(SP)	:	
		00	03	FB 000E2	CALLS	#3, PASS\$IO_HANDLER	:	
			04	000E9	RET		:	

; Routine Size: 234 bytes, Routine Base: _PASS\$CODE + 0003

: 253 0314 1
: 254 0315 1 !<BLF/PAGE>

```

: 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.r[v [, 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: $PASSPFV FILE VARIABLE,      ! Pascal File Variable
: 314      0374 2      ARG_LIST: VECTOR [4, LONG],      ! Argument list
: 315      0375 2      PFV_ADDR: VOLATILE,              ! Enable argument
: 316      0376 2      UNWIND_ACT: VOLATILE,            ! Enable argument
: 317      0377 2      ERROR_ADDR: VOLATILE;            ! Enable argument
: 318      0378 2
: 319      0379 2      BUILTIN
: 320      0380 2      ACTUALCOUNT;                    ! Count of arguments
: 321      0381 2
: 322      0382 2      ENABLE
: 323      0383 2      PASS$DO_WRITEV (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$DO_WRITEV
                                .ENTRY PASSWRITEV_UNSIGNED, Save R2,R3,R4,R5,R6 : 0317
                                SUBL2 #40, SP                                : 0370
                                CLRL ERROR_ADDR
                                CLRQ UNWIND_ACT
                                MOVAL 2$, (FP)
                                CMPB (AP), #5
                                BLSSU 1$
                                MOVL ERROR, ERROR_ADDR
                                MOVAB PFV, PFV_ADDR
                                MOVL #3, ARG_LIST
                                : 0389
                                : 0391
                                : 0393
                                : 0399

```

PASSWRITE_UNSIG		Write an unsigned integer		E 13		16-Sep-1984 02:27:06		VAX-11 Bliss-32 V4.0-742		Page 10	
1-002		PASSWRITEV_UNSIGNED - Write unsigned to string		14-Sep-1984 12:52:10		[PASRTL.SRC]PASWRIUNS.B32;1				(4)	

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		:	0414
				0000	00047	.WORD	Save nothing	:	0370
50		08	AC	D0	00049	MOVL	8(AP), R0	:	
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	0005A	PUSHL	#3	:	
			5E	DD	0005C	PUSHL	SP	:	
	7E	04	AC	7D	0005E	MOVQ	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>

PASSWRITE_UNSIG

1-002

Write an unsigned integer

PASSWRITEV_UNSIGNED - Write unsigned to string

F 13

16-Sep-1984 02:27:06

VAX-11 Bliss-32 V4.0-742

14-Sep-1984 12:52:10

[PASRTL.SRC]PASWRIUNS.B32;1

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: 358

: 359

: 360

0417 1 END

0418 1

0419 0 ELUDOM

! End of module PASSWRITE_UNSIGNED

: 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

0298 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

PASWIREH
LIS

PASWIREL
LIS

PASWIREG
LIS

PASWISTR
LIS

PATCH

PATDEF
MDL

PASWIREF
LIS

PATCH
MAP

SRMDEF
MDL

PASWIRFH
LIS

PASWIRAR
LIS

PASWIREL
LIS

PASWIRLS
LIS

PASWIRINT
LIS

PASWIRIOCT
LIS

PASWIRFG
LIS

BSTRUC
REQ

PASWIRFF
LIS

CHRKEY
REQ

PASWIRFD
LIS