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RRRRRRRRRRRRR  UUU      UUU  NNN      NNN      000000000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRRRRRRRRRRRR  UUU      UUU  NNN      NNN      000000000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRRRRRRRRRRRR  UUU      UUU  NNN      NNN      000000000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNNNNN     NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNNNNN     NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNNNNN     NNN      000      000  FFF      FFF
RRRRRRRRRRRRR  UUU      UUU  NNN      NNN      000      000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRRRRRRRRRRRR  UUU      UUU  NNN      NNN      000      000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRRRRRRRRRRRR  UUU      UUU  NNN      NNN      000      000  FFFFFFFFFFFFFFFF  FFFFFFFFFFFFFFFF
RRR      RRR  UUU      UUU  NNN      NNNNNN     NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNNNNN     NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNNNNN     NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUU      UUU  NNN      NNN      000      000  FFF      FFF
RRR      RRR  UUUUUUUUUUUUUUUU  NNN      NNN      000000000  FFF      FFF
RRR      RRR  UUUUUUUUUUUUUUUU  NNN      NNN      000000000  FFF      FFF
RRR      RRR  UUUUUUUUUUUUUUUU  NNN      NNN      000000000  FFF      FFF

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SSSSSSSS TTTTTTTTT YY YY LL FFFFFFFFFF
SSSSSSSS TTTTTTTTT YY YY LL FFFFFFFFFF
SS      TT YY YY LL FF
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SS      TT YY YY LL FF
SSSSSS TT YY YY LL FFFFFFFF
SSSSSS TT YY YY LL FFFFFFFF
SS      TT YY YY LL FF
SS      TT YY YY LL FF
SS      TT YY YY LL FF
SS      TT YY YY LL FF
SSSSSSSS TT YY YY LLLLLLLLLL FFFFFFFF
SSSSSSSS TT YY YY LLLLLLLLLL FFFFFFFF
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LL      IIIIIII SSSSSSSS
LL      IIIIIII SSSSSSSS
LL      II SS
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LLLLLLLL IIIIIII SSSSSSSS
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```
0001 0 %TITLE 'Verify and collect attributes for .STYLE <entity> commands'  
0002 0 MODULE STYLE ( IDENT = 'V04-000'  
P 0003 0 %BLISS32[, ADDRESSING_MODE( EXTERNAL = LONG_RELATIVE  
0004 0 ,NONEXTERNAL = LONG_RELATIVE)]  
0005 0 ) =  
0006 1 BEGIN  
0007 1  
0008 1 *****  
0009 1 *  
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0027 1 *  
0028 1 *  
0029 1 *****  
0030 1  
0031 1 **  
0032 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS  
0033 1  
0034 1 ABSTRACT: Processes the attributes of a .STYLE <entity> command.  
0035 1  
0036 1 ENVIRONMENT: Transportable  
0037 1  
0038 1 AUTHOR: Keith Dawson CREATION DATE: April 1982  
0039 1
```

STYL  
V04-

```

: 41 0040 1 %SBTTL 'Revision History'
: 42 0041 1
: 43 0042 1 MODIFIED BY:
: 44 0043 1
: 45 0044 1 011 REM00011 Ray Marshall 21-Jul-1983
: 46 0045 1 The pass/return linkages for non-BLISS32 were incorrect. They
: 47 0046 1 were made to match the way they are defined in ATTRIB.BLI.
: 48 0047 1 There was also a missing comma in that same code (above) in the
: 49 0048 1 original that caused a compilation error on TOPS-20. But,
: 50 0049 1 seeing as that code was replaced, it no longer matters.
: 51 0050 1
: 52 0051 1 010 KFA00010 Ken Alden 17-May-1983
: 53 0052 1 Fixed testpage bug.
: 54 0053 1
: 55 0054 1 009 REM00009 Ray Marshall 07-Mar-1983
: 56 0055 1 Global edit of all modules. Updated module names, idents,
: 57 0056 1 copyright dates. Changed require files to BLISS library.
: 58 0057 1
: 59 0058 1 --
```

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: 61      0059 1 %SBTTL 'Module Level Declarations'
: 62      0060 1
: 63      0061 1 ! TABLE OF CONTENTS:
: 64      0062 1
: 65      0063 1 LINKAGE
: 66      0064 1 %IF (%BLISS(BLISS32) OR %BLISS(BLISS16)) %THEN
: 67      0065 1     pass 1 return 1 =
: 68      0066 1         CALL (REGISTER=1; REGISTER=2),
: 69      0067 1     pass 4 return 1 =
: 70      0068 1         CALL (REGISTER=1, REGISTER=2, REGISTER=3, REGISTER=4; REGISTER=5),
: 71      0069 1     pass 2 return 2 =
: 72      0070 1         CALL (REGISTER=1, REGISTER=2; REGISTER=3, REGISTER=4);
: 73      U 0071 1 %ELSE
: 74      UU 0072 1     pass 1 return 1 =
: 75      UU 0073 1         PUSHJ (; REGISTER=2) : LINKAGE_REGS (15,13,1),
: 76      UU 0074 1     pass 4 return 1 =
: 77      UU 0075 1         PUSHJ (; REGISTER=2) : LINKAGE_REGS (15,13,1),
: 78      UU 0076 1     pass 2 return 2 =
: 79      U 0077 1         PUSHJ (; REGISTER=2, REGISTER=3) : LINKAGE_REGS (15,13,1);
: 80      0078 1 %FI
: 81      0079 1
: 82      0080 1 ! INCLUDE FILES:
: 83      0081 1 !
: 84      0082 1
: 85      0083 1 LIBRARY 'NXPOR:XPOR';           ! XPORT Library
: 86      0084 1 REQUIRE 'REQ:RNODEF';       ! RUNOFF variant definitions
: 87      0215 1
: 88      U 0216 1 %IF DSRPLUS %THEN
: 89      U 0217 1 LIBRARY 'REQ:DPLLIB';       ! DSRPLUS BLISS Library
: 90      0218 1 %ELSE
: 91      0219 1 LIBRARY 'REQ:DSRLIB';        ! DSR BLISS Library
: 92      0220 1 %FI
: 93      0221 1
: 94      0222 1 FORWARD ROUTINE
: 95      0223 1     STYLE,                   !Processes .STYLE ( EXAMPLE ; FIGURE ; TABLE ; HEADER ) commands.
: 96      0224 1     SET $THL : NOVALUE       !Sets up ECC from .STHL command.
: 97      U 0225 1 %IF DSRPLUS %THEN
: 98      UU 0226 1
: 99      UU 0227 1     SET ONE STYLE : NOVALUE, !For one attribute, stores KWS information in the proper ECC.
: 100     UU 0228 1     CHECK HL VALUES      !Range-checks supplied HL-level values.
: 101     U 0229 1     INIT_STYLE_KW : NOVALUE; !Initializes the $KWS_BLOCKVECTOR for the STYLE <entity> commands.
: 102     0230 1 %ELSE
: 103     0231 1
: 104     0232 1 %FI
: 105     0233 1
: 106     0234 1 !
: 107     0235 1 ! MACROS:
: 108     0236 1 !
: 109     0237 1 ! OWN STORAGE:
: 110     0238 1 !
: 111     0239 1 !
: 112     U 0240 1 %IF DSRPLUS %THEN
: 113     UU 0241 1 OWN
: 114     UU 0242 1     FIRST TIME : INITIAL (1), !Have we ever set up keywords?
: 115     UU 0243 1     HLS CHECKED,         !Have we checked HL-range validity during this call?
: 116     U 0244 1     KEYWORDS : $KWS_BLOCKVECTOR;
: 117     0245 1 %FI

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118 0246 1  
119 0247 1  
120 0248 1  EXTERNAL REFERENCES:  
121 0249 1  
122 0250 1  
123 0251 1  EXTERNAL  
124 0252 1    ECC : $ECC BLOCKVECTOR,  
125 0253 1    FS01 : FIXED STRING,  
126 0254 1    HLC : HLC DEFINITION,  
127 0255 1    HLLIST : COUNTED LIST,  
128 0256 1    IRA : FIXED_STRING,  
129 0257 1    KHAR;  
130 0258 1  
131 0259 1  EXTERNAL LITERAL          !Error messages  
132 U 0260 1  %IF DSRPLUS %THEN  
133 U 0261 1    RNFTMA,                ! too many attributes  
134 0262 1  %FI  
135 0263 1    RNFILE;  
136 0264 1  
137 0265 1  EXTERNAL ROUTINE  
138 U 0266 1  %IF DSRPLUS %THEN  
139 U 0267 1    ATTSYN : pass_1_return_1, !Verifies syntax of attribute list.  
140 U 0268 1    DOATTR : pass_4_return_1, !Collects one attribute and sets its value.  
141 U 0269 1    ENDCMT,  
142 U 0270 1    SKPSEP,  
143 0271 1  %FI  
144 0272 1    ECCINI,  
145 0273 1    ERMS,  
146 0274 1    STHL;
```

```

148 0275 1 %sbttl 'STYLE -- process all attributes for .STYLE <entity> command'
149 0276 1 GLOBAL ROUTINE STYLE (HANDLER) =
150 0277 1
151 0278 1 ++
152 0279 1 FUNCTIONAL DESCRIPTION:
153 0280 1
154 0281 1     STYLE verifies the .STYLE <entity> attributes given by the user.
155 0282 1     It writes descriptions of the verified attributes into the ECC
156 0283 1     global area.
157 0284 1
158 0285 1     AFTER[=n]         leave n blank lines after each caption.
159 0286 1     ALLCAP            make caption all-caps.
160 0287 1     BEFORE[=n]       leave n blank lines before each caption.
161 0288 1     BETWEEN[=n]      leave n blank lines between 'CHAPTER' or 'APPENDIX' & caption.
162 0289 1     BOLD              make entity caption bold.
163 0290 1     BREAK            start a new line between the counter and caption.
164 0291 1     CENTER           center entity caption (and don't run in).
165 0292 1     DEFAULTS         return all values to initial defaults.
166 0293 1     FIRSTCAP         make entity caption initial-caps.
167 0294 1     LEAVECASE        do not change case of entity caption.
168 0295 1     LEFT             make the counter and caption left-justified.
169 0296 1     LEVEL=n         (.STHL only) command applies to HL n.
170 0297 1     NORUNIN         do not run in caption with text.
171 0298 1     NOBOLD          do not make entity caption bold.
172 0299 1     NOBREAK         do not start a new line after the counter.
173 0300 1     NOPAGE          do not start a new page before a CHAPTER, etc.
174 0301 1     NOTOCPAGE       do not insert a page number in the TOC.
175 0302 1     NOSTARTODD      do not force the first page of a chapter on an odd page.
176 0303 1     NOUNDERLINE    do not underline this entity caption.
177 0304 1     NUMBERED       display counter for this entity.
178 0305 1     PAGE           start a new page before CHAPTER or APPENDIX.
179 0306 1     RUNIN          run in caption with text (and don't center).
180 0307 1     SPACES[=n]     leave n spaces between counter and caption.
181 0308 1     STARTODD       force the first page of a chapter to start on an odd page.
182 0309 1     TESTPAGE[=n]  issue implicit test-page n.
183 0310 1     TOCPAGE       insert a page number in the TOC.
184 0311 1     UNDERLINE     make entity caption underlined.
185 0312 1     UNNUMBERED    do not display counter for this entity.
186 0313 1
187 0314 1 FORMAL PARAMETERS:
188 0315 1
189 0316 1     HANDLER         specifies which command is being processed:
190 0317 1                 .STYLE EXAMPLE, .STYLE FIGURE, .STYLE TABLE,
191 0318 1                 .STYLE APPENDIX, .STYLE CHAPTER or .STYLE HEADERS.
192 0319 1
193 0320 1 IMPLICIT INPUTS:   None
194 0321 1
195 0322 1 IMPLICIT OUTPUTS:
196 0323 1
197 0324 1     The routine updates the ECC block corresponding to the handler code.
198 0325 1
199 0326 1 ROUTINE VALUE:
200 0327 1 COMPLETION CODES:
201 0328 1
202 0329 1     The routine returns 0 for normal completion. It returns -1 if
203 0330 1     the user-supplied attributes cannot be deciphered (mismatched
204 0331 1     delimiters).

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205      0332 1 1 |
206      0333 1 1 | SIDE EFFECTS:          None
207      0334 1 1 | --
208      0335 1 1 |
209      0336 2 2 | BEGIN
210      0337 2 2 |
211      U 0338 2 2 | %IF DSRPLUS %THEN
212      U 0339 2 2 |   STACKLOCAL
213      U 0340 2 2 |     first_keyword,      !First legal keyword in the tables for this command.
214      U 0341 2 2 |     last_keyword,      !Last legal keyword for this command.
215      U 0342 2 2 |     number_of_keywords, !How many keywords are legal for this command.
216      U 0343 2 2 |     kw_offset,         !Offset into the KEYWORDS tables, pointing to the first
217      U 0344 2 2 |                       !legal keyword for this command.
218      U 0345 2 2 |     end_delimiter,     !The matching ) ] > }.
219      U 0346 2 2 |     match,             !Index of which keyword was found, from DOATTR.
220      U 0347 2 2 |     ecc_offset,        !Offset into the ECC block, pointing to data for this entity.
221      U 0348 2 2 |     old_syntax_sthl,   !True if command is an .STHL in the old, 9-number syntax.
222      U 0349 2 2 |     result,           !Completion code from ATTSYN and DOATTR.
223      U 0350 2 2 |     start_where;      !Assures that giving no attributes re-establishes defaults.
224      U 0351 2 2 |
225      U 0352 2 2 | +
226      U 0353 2 2 | | Initialize
227      U 0354 2 2 | | -
228      U 0355 2 2 |   init_style_kw (.handler); !Set up KWS structure for this STYLE command.
229      U 0356 2 2 |
230      U 0357 2 2 |   hls_checked = 0;         !Indicate that we have not checked a HL-range yet.
231      U 0358 2 2 |
232      U 0359 2 2 |   end_delimiter = %C')';  !Preset the terminator character.
233      U 0360 2 2 |
234      U 0361 2 2 |   SELECT .handler OF
235      U 0362 2 2 |     SET
236      U 0363 2 2 |
237      U 0364 2 2 |     [h_style_appendi, h_style_chapter] :
238      U 0365 2 2 |       BEGIN
239      U 0366 2 2 |         first_keyword = kws$k first_chapp;
240      U 0367 2 2 |         last_keyword = kws$k _last_chapp;
241      U 0368 2 2 |       END;
242      U 0369 2 2 |
243      U 0370 2 2 |     [h_style_appendi] :      ecc_offset = append_offset;
244      U 0371 2 2 |
245      U 0372 2 2 |     [h_style_chapter] :    ecc_offset = chap_offset;
246      U 0373 2 2 |
247      U 0374 2 2 |     [h_style_example, h_style_figure, h_style_table] :
248      U 0375 2 2 |       BEGIN
249      U 0376 2 2 |         first_keyword = kws$k first_entity;
250      U 0377 2 2 |         last_keyword = kws$k _last_entity;
251      U 0378 2 2 |       END;
252      U 0379 2 2 |
253      U 0380 2 2 |     [h_style_example] :    ecc_offset = examp_offset;
254      U 0381 2 2 |
255      U 0382 2 2 |     [h_style_figure] :    ecc_offset = figur_offset;
256      U 0383 2 2 |
257      U 0384 2 2 |     [h_style_table] :     ecc_offset = table_offset;
258      U 0385 2 2 |
259      U 0386 2 2 |     [h_style_headers] :
260      U 0387 2 2 |       BEGIN
261      U 0388 2 2 |

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262 U 0389 2      ecc_offset = hcoll_offset;
263 UU 0390 2      first_keyword = kws$k_first_header;
264 UU 0391 2      last_keyword = kws$k_last_header;
265 U 0392 2      !
266 UU 0393 2      %FI
267 UU 0394 2      !Initialize the ECC collecting area for .STYLE HEADERS commands.
268 UU 0395 2      eccini (hcoll_offset, hcoll_offset, false);
269 UU 0396 2
270 U 0397 2      %IF DSRPLUS %THEN
271 UU 0398 2          END;
272 U 0399 2          TES;
273 UU 0400 2      %FI
274 UU 0401 2
275 UU 0402 2      %IF NOT DSRPLUS %THEN
276 UU 0403 2      +
277 UU 0404 2      | This command must be .STYLE HEADERS (the only legal .STYLE command
278 UU 0405 2      | handled by this module for DSR). It is an old-syntax .STHL, with up
279 UU 0406 2      | to 9 numeric arguments.
280 UU 0407 2      -
281 UU 0408 2      IF .handler EQL h_style_headers      !Defensive check.
282 UU 0409 2      THEN
283 UU 0410 2          BEGIN
284 UU 0411 2              sthl (.handler);          !Process the .STHL in the old way.
285 UU 0412 2              set sthl (ecc, 1, 6, true);
286 UU 0413 2              RETURN 0;
287 UU 0414 2              END
288 UU 0415 2      ELSE
289 UU 0416 2          erms (rnfile, CH$PTR(UPLIT('STYLE1')), 6);
290 UU 0417 2      %FI
291 UU 0418 2
292 UU 0419 2      %IF DSRPLUS %THEN
293 UU 0420 2      |
294 UU 0421 2      | Set the number of keywords legal for this command.
295 UU 0422 2      | number_of_keywords = .last_keyword - .first_keyword + 1;
296 UU 0423 2      |
297 UU 0424 2      | Assume that any .STHL command will be in the new, keyworded format.
298 UU 0425 2      | old_syntax_sthl = false;
299 UU 0426 2      |
300 UU 0427 2      | Preset starting point for attribute search.
301 UU 0428 2      | start_where = .first_keyword;
302 UU 0429 2      |
303 UU 0430 2      | Preset the offset into the keyword tables that applies for this command.
304 UU 0431 2      | This allows DOATTR not to have to know the structure of the keyword tables.
305 UU 0432 2      | kw_offset = .first_keyword * (kws$k_length * %UPVAL);
306 UU 0433 2      |
307 UU 0434 2      |
308 UU 0435 2      | +
309 UU 0436 2      | - Verify the syntax of the attribute-list.
310 UU 0437 2      |
311 UU 0438 2      | result = attsyn (.handler; end_delimiter);
312 UU 0439 2      | CASE .result FROM min_attcc TO max_attcc OF
313 UU 0440 2      | SET
314 UU 0441 2      |
315 UU 0442 2      | [attcc_ok] : 0;
316 UU 0443 2      |
317 UU 0444 2      | [attcc_dcf_error] :
318 U 0445 2      |

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319 U 0446 BEGIN
320 U 0447 endcmt (); !Skip rest of text in the input.
321 U 0448 RETURN -1;
322 U 0449 END;
323 U 0450
324 U 0451 [attcc_mmd_error] :
325 U 0452 |
326 U 0453 BEGIN
327 U 0454 endcmt (); !Skip rest of text in the input.
328 U 0455 RETURN -1;
329 U 0456 END;
330 U 0457
331 U 0458 [attcc_leading_number] : !Old-syntax .STHL was given.
332 U 0459 |
333 U 0460 IF .handler EQL h_style_headers !Defensive check -- ATTRIB is supposed
334 U 0461 THEN !to return this code only for .STHL commands.
335 U 0462 BEGIN
336 U 0463 sthl (.handler); !Process the .STHL in the old way.
337 U 0464 old_syntax_sthl = true;
338 U 0465 start_where = max_keywords + 1;
339 U 0466 END
340 U 0467 ELSE
341 U 0468 erms (rnfile, CH$PTR(UPLIT('STYLE1')), 6);
342 U 0469
343 U 0470 [attcc_none] : !No attributes were supplied.
344 U 0471 |
345 U 0472 !Do not try to get any keywords; act as if user had given DEFAULTS keyword.
346 U 0473 start_where = max_keywords + 1;
347 U 0474
348 U 0475 [INRANGE, OTRANGE] : erms (rnfile, CH$PTR(UPLIT('STYLE2')), 6);
349 U 0476
350 U 0477 TES;
351 U 0478 |
352 U 0479 | + Collect one or more attributes.
353 U 0480 | -
354 U 0481 INCR K FROM .START_WHERE TO .LAST_KEYWORD DO
355 U 0482 BEGIN
356 U 0483 MATCH = -1; !Assume we will not find the keyword.
357 U 0484 |
358 U 0485 RESULT = DOATTR (.HANDLER, .END DELIMITER, (KEYWORDS + .KW_OFFSET),
359 U 0486 .NUMBER_OF_KEYWORDS; MATCH);
360 U 0487 |
361 U 0488 !CASE .RESULT FROM MIN_ATTCC TO MAX_ATTCC OF
362 U 0489 SET
363 U 0490 |
364 U 0491 !We take no action for the following errors; they were already
365 U 0492 !reported by DOATTR.
366 U 0493 |
367 U 0494 [ATTCC_AMA_ERROR, ATTCC_IKW_ERROR] : 0;
368 U 0495 [ATTCC_NNA_ERROR, ATTCC_MQS_ERROR] : 0;
369 U 0496 |
370 U 0497 [ATTCC_OK, ATTCC_NVS_ERROR] :
371 U 0498 |
372 U 0499 !It's ok not to specify a value; the effect is to invoke the default value.
373 U 0500 SET_ONE_STYLE (.ECC_OFFSET, ECC [.ECC_OFFSET, 0,0,0,0], (.MATCH + .FIRST_KEYWORD) );
374 U 0501
375 U 0502 [ATTCC_NONE] : EXITLOOP; !End of attribute list detected.

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376 U 0503
377 U 0504
378 U 0505
379 U 0506
380 U 0507
381 U 0508
382 U 0509
383 U 0510
384 U 0511
385 U 0512
386 U 0513
387 U 0514
388 U 0515
389 U 0516
390 U 0517
391 U 0518
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416 U 0543
417 U 0544
418 U 0545
419 U 0546
420 U 0547
421 U 0548
422 U 0549
423 U 0550
424 U 0551
425 U 0552
426 U 0553
427 U 0554
428 U 0555
429 U 0556
430 U 0557
431 U 0558
432 U 0559

[INRANGE, OUNRANGE] : ERMS (RNFILE, CH$PTR(UPLIT('STYLE2')), 6);
TES;
END;
! End of processing for 1 attribute.
Process defaulted arguments of extra keywords (unless the user issued
an old-syntax .STHL command).
IF NOT .old_syntax_sthl THEN
BEGIN
! If the user specified no attributes, act as if DEFAULT has been specified.
IF .START_WHERE NEQ .FIRST_KEYWORD THEN
! User supplied no attributes. Act as if he gave the DEFAULTS keyword.
SET_ONE_STYLE (.ECC_OFFSET, ECC [.ECC_OFFSET, 0,0,0,0], KWS$K_DEFAULTS)
ELSE
! User supplied some attributes; we should have processed all of them
! by now. If any remain, skip over them and note the error.
BEGIN
IF .KHAR NEQ .END_DELIMITER THEN
BEGIN
FS INIT (FS01);
WHILE .KHAR NEQ .END_DELIMITER DO
BEGIN
KCNS ();
FS WCHAR (FS01, .KHAR);
END;
! 'Too many attributes; "... ignored'. The "-1" assures that the
! end-delimiter is not included in the error message.
ERMS (RNFTMA, .FS_START (FS01), .FS_LENGTH (FS01) - 1);
END
ELSE
! End of string; get the terminator and position past the
! attributes string.
BEGIN
KCNS ();
SKPSEP (IRA);
END;
END;
END;
An .STHL command gets processed through its own action routine.
IF .handler EQL h_style_headers THEN
BEGIN
LOCAL
first, last;
! The ARG_LENGTH value is used to store the second number of a range.
! If no range was given, this value is zero.
IF .keywords [kws$k_level, kws$h_arg_length] EQL 0 THEN

```

```

: 433 U 0560 2
: 434 U 0561 2
: 435 U 0562 2
: 436 U 0563 2
: 437 U 0564 2
: 438 U 0565 2
: 439 U 0566 2
: 440 U 0567 2
: 441 U 0568 2
: 442 U 0569 2
: 443 U 0570 2
: 444 U 0571 2
: 445 U 0572 2
: 446 U 0573 2
: 447 U 0574 2
: 448 U 0575 2
: 449 U 0576 2
: 450 U 0577 2
: 451 U 0578 2
: 452 U 0579 2
: 453 U 0580 2
: 454 U 0581 1
  
```

```

      first = (last = .keywords [kws$k_level,kws$h_arg_value])
ELSE
  ! User did supply a range.
  BEGIN
    first = .keywords [kws$k_level,kws$h_arg_value];
    last = .keywords [kws$k_level,kws$h_arg_length];
  END;
  +
  Check the order of FIRST and LAST, flipping if necessary; range-check
  the numbers. The routine returns FALSE if either number is out of
  range; in this case no STHL values are set.
  -
  IF check_hl_values (first, last) THEN
    set_sthl (ecc, .first, .last, .old_syntax_sthl);
  +
  The value(s) given by the user are OK. Perform the style change.
  -
  END;
  XFI
RETURN 0;
END;
  
```

!End of STYLE

											.TITLE	STYLE Verify and collect attributes for .STYLE	
												<entit	
											.IDENT	\V04-000\	
											.PSECT	\$PLITS,NOWRT,NOEXE,2	
00	00	31	45	4C	59	54	53	00000	P.AAA:		.ASCII	\STYLE1\<0><0>	:
											.EXTRN	ECC, FS01, HLC, HLLIST	
											.EXTRN	IRA, KHAR, RNFILE	
											.EXTRN	ECCINI, ERMS, STHL	
											.PSECT	\$CODE\$,NOWRT,2	
								0000	00000		.ENTRY	STYLE, Save nothing	: 0276
	7E							03	7D 00002		MOVQ	#3, -(SP)	: 0395
								03	DD 00005		PUSHL	#3	
00000000G	EF							03	FB 00007		CALLS	#3, ECCINI	
000000C4	8F		04					AC	D1 0000E		CPL	HANDLER, #196	: 0408
								1F	12 00016		BNEQ	1\$	
								AC	DD 00018		PUSHL	HANDLER	: 0411
00000000G	EF		04					01	FB 0001B		CALLS	#1, STHL	
								01	DD 00022		PUSHL	#1	: 0412
								06	DD 00024		PUSHL	#6	
								01	DD 00026		PUSHL	#1	
								EF	9F 00028		PUSHAB	ECC	
00000000V	EF	00000000G						04	FB 0002E		CALLS	#4, SET_STHL	
								15	11 00035		BRB	2\$	: 0413
								06	DD 00037 1\$:		PUSHL	#6	: 0416
								EF	9F 00039		PUSHAB	P.AAA	
		00000000'						8F	DD 0003F		PUSHL	#RNFILE	
00000000G	EF	00000000G						03	FB 00045		CALLS	#3, ERMS	
								50	D4 0004C 2\$:		CLRL	R0	: 0581



STYLE  
V04-000

E 11  
Verify and collect attributes for .STYLE <entit 16-Sep-1984 01:50:58  
STYLE -- process all attributes for .STYLE <ent 14-Sep-1984 13:08:15

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]STYLE.BLI;1

Page 12  
(5)

STYL  
V04-

```
457 U 0583 1 %SBTTL 'SET_ONE_STYLE -- set ECC information for one valid attribute'
458 U 0584 1 ROUTINE SET_ONE_STYLE (OFFSET, STYLE_BLOCK, MATCH) : NOVALUE =
459 U 0585 1 ++
460 U 0586 1
461 U 0587 1 FUNCTIONAL DESCRIPTION:
462 U 0588 1
463 U 0589 1     SET_ONE_STYLE is the action routine for attributes. It is called,
464 U 0590 1     when a legal attribute is processed, to set the proper
465 U 0591 1     ECC values.
466 U 0592 1
467 U 0593 1 FORMAL PARAMETERS:
468 U 0594 1
469 U 0595 1     OFFSET indicates which command is being processed: it is the
470 U 0596 1     offset into the ECC blockvector pointing to the command.
471 U 0597 1
472 U 0598 1     STYLE_BLOCK is the address of the $ECC_BLOCK to update.
473 U 0599 1
474 U 0600 1     MATCH is the index into the $KWS_BLOCK that corresponds
475 U 0601 1     to the attribute we are processing.
476 U 0602 1
477 U 0603 1 IMPLICIT INPUTS:      None
478 U 0604 1
479 U 0605 1 IMPLICIT OUTPUTS:
480 U 0606 1
481 U 0607 1     One piece of ECC information is updated.
482 U 0608 1
483 U 0609 1 ROUTINE VALUE:
484 U 0610 1 COMPLETION CODES:      None
485 U 0611 1
486 U 0612 1 SIDE EFFECTS:          None
487 U 0613 1
488 U 0614 1 --
489 U 0615 1 BEGIN
490 U 0616 1     BIND KW = KEYWORDS [.MATCH, 0,0,0,0] : $KWS_BLOCK;
491 U 0617 1
492 U 0618 1     BIND SB = .STYLE_BLOCK : $ECC_BLOCK;
493 U 0619 1
494 U 0620 1     LOCAL
495 U 0621 1     NUMBER,
496 U 0622 1     SIGN;
497 U 0623 1
498 U 0624 1     NUMBER = .KW [KWSSH_ARG_VALUE];
499 U 0625 1     SIGN = .KW [KWSSH_ARG_SIGN];
500 U 0626 1
501 U 0627 1 ++
502 U 0628 1 We have a legal attribute. Set information in the ECC structure.
503 U 0629 1 --
504 U 0630 1     SELECT .MATCH OF
505 U 0631 1     SET
506 U 0632 1
507 U 0633 1     [KWSSK_AFTER] :
508 U 0634 1     !
509 U 0635 1     BEGIN
510 U 0636 1     LOCAL
511 U 0637 1     res_number;
512 U 0638 1
513 U 0639 1     res_number =
```









```

: 685 U 0811 1
: 686 U 0812 1
: 687 U 0813 1
: 688 U 0814 1
: 689 U 0815 1
: 690 U 0816 1
: 691 U 0817 1
: 692 U 0818 1
: 693 U 0819 1
: 694 U 0820 1
: 695 U 0821 1
: 696 U 0822 1
: 697 U 0823 1
: 698 U 0824 1
: 699 U 0825 1
: 700 U 0826 1
: 701 U 0827 1
: 702 U 0828 1
: 703 U 0829 1
: 704 U 0830 1
: 705 U 0831 1
: 706 U 0832 1
: 707 U 0833 1
: 708 U 0834 1 %FI

IF .RES_NUMBER LSS 0 THEN
    RES_NUMBER = 0;

SB [ECC$H_TESTPAGE] = .RES_NUMBER;
END;
END;

[KWSSK_TOCPAGE] : SB [ECC$V_TOCPAGE] = TRUE;
[KWSSK_UNDERLINE] : SB [ECC$V_UNDERLINE] = TRUE;
[KWSSK_UNNUMBERED] : SB [ECC$V_UNNUMBERED] = TRUE;
[KWSSK_LEVEL] : 0;      !Nothing to do; the value already resides
                        !in the KWS, from which it will be picked
                        !up by SET_STHL.

[OTHERWISE] : ERMS (RNFILE, CH$PTR(UPLIT('SET_ONE_STYLE')), 13);

TES;

END;                                ! End of SET_ONE_STYLE

```

```

710 0835 1 %SBTTL 'SET_STHL -- Set up ECC from one .STYLE HEADERS command'
711 0836 1 ROUTINE SET_STHL (STYLE_BLOCK, FIRST_HL, LAST_HL, OLD_SYNTAX) : NOVALUE =
712 0837 1 ++
713 0838 1
714 0839 1 FUNCTIONAL DESCRIPTION:
715 0840 1
716 0841 1     SET_STHL     moves the collected .STYLE HEADER information from its
717 0842 1                 collecting place to the appropriate level of the ECC.
718 0843 1                 This is done in one of two ways:
719 0844 1
720 0845 1                 1) For a new-syntax, keyworded .STHL, information is moved
721 0846 1                     from ECC [HCOLL_OFFSET] to the proper level in the ECC.
722 0847 1
723 0848 1                 2) For an old-syntax, numbered .STHL, information is picked
724 0849 1                     up from the HLC structure and moved into the ECC.
725 0850 1
726 0851 1 FORMAL PARAMETERS:
727 0852 1
728 0853 1     STYLE_BLOCK is the address of the $ECC_BLOCK to update.
729 0854 1
730 0855 1     FIRST_HL   is the number of the first level of header to update (from 1 to 6).
731 0856 1
732 0857 1     LAST_HL    is the number of the last level to update (from .FIRST_HL to 6).
733 0858 1
734 0859 1     OLD_SYNTAX is TRUE if the .STHL command was in the old, numbered syntax.
735 0860 1
736 0861 1 IMPLICIT INPUTS:     None
737 0862 1
738 0863 1 IMPLICIT OUTPUTS:
739 0864 1
740 0865 1     One or more ECC fields are updated (new-syntax .STHL), or the entire
741 0866 1     header portion of the ECC_BLOCKVECTOR -- 6 $ECC_BLOCKS -- is replaced.
742 0867 1
743 0868 1 ROUTINE VALUE:
744 0869 1 COMPLETION CODES:     None
745 0870 1
746 0871 1 SIDE EFFECTS:         None
747 0872 1 --
748 0873 1
749 0874 2 BEGIN
750 0875 2
751 0876 2 MAP
752 0877 2     STYLE_BLOCK : REF $ECC_BLOCKVECTOR;
753 0878 2
754 0879 2 BIND
755 0880 2     COL_BL = STYLE_BLOCK [HCOLL_OFFSET, 0,0,0,0]
756 0881 2             : $ECC_BLOCK,             !keyword information has been collected here.
757 0882 2
758 0883 2     OLD_BV = STYLE_BLOCK [HCOLL_OFFSET, 0,0,0,0]
759 0884 2             : $ECC_BLOCKVECTOR;       !Overwrite here, if an old-syntax .STHL.
760 0885 2
761 0886 2 MACRO
762 M 0887 2     move bit (offset) =
763     NEW_BL [offset] = (.NEW_BL [offset] OR .COL_BL [offset]) %,
764     0889 2
765 M 0890 2     move numeric (offset) =
766 M 0891 2     IF .COL_BL [offset] NEQ -1 THEN

```

```

767 0892 2          NEW_BL [offset] = .COL_BL [offset] %;
768 0893
769 0894
770 0895      IF NOT .OLD_SYNTAX THEN
771 0896
772 0897      + The user issued a new-syntax, keyworded .STHL command. We have collected
773 0898      information from his keywords in the HCOLL_OFFSET of the ECC. Now move the
774 0899      collected information into the target ECC area.
775 0900
776 0901      INCR I FROM .FIRST_HL TO .LAST_HL DO
777 0902      |
778 0903      BEGIN
779 0904      !Transfer collected keyword information to here.
780 0905      BIND NEW_BL =
781 0906      STYLE_BLOCK [HCOLL_OFFSET + .I, 0,0,0,0] : $ECC_BLOCK;
782 0907
783 0908      + First move the bit information.
784 0909      -
785 0910      MOVE_BIT (ECC$V_BOLD);
786 0911      MOVE_BIT (ECC$V_UNDERLINE);
787 0912      MOVE_BIT (ECC$V_UNNUMBERED);
788 0913      MOVE_BIT (ECC$V_BREAK);
789 0914      MOVE_BIT (ECC$V_PAGE);
790 0915      MOVE_BIT (ECC$V_TOCPAGE);
791 0916      MOVE_BIT (ECC$V_STARTODD);
792 0917
793 0918      + Now move the numeric-value information.
794 0919      -
795 0920      MOVE_NUMERIC (ECC$H_RUNIN);
796 0921      MOVE_NUMERIC (ECC$H_CASE);
797 0922      MOVE_NUMERIC (ECC$H_POSITION);
798 0923      MOVE_NUMERIC (ECC$H_AFTER);
799 0924      MOVE_NUMERIC (ECC$H_BEFORE);
800 0925      MOVE_NUMERIC (ECC$H_BETWEEN);
801 0926      MOVE_NUMERIC (ECC$H_SPACES);
802 0927      MOVE_NUMERIC (ECC$H_TESTPAGE);
803 0928      END
804 0929      ELSE
805 0930      +
806 0931      - The user gave an old-syntax, numbered .STHL command. Overwrite the entire
807 0932      ECC header area -- all 6 levels -- with the results of that old .STHL.
808 0933      Note that this means the user loses the benefit of some of the advanced-
809 0934      syntax, keyword features: bolding and underlining, for example, are undone.
810 0935
811 0936      INCR I FROM 1 TO 6 DO
812 0937      BEGIN
813 0938
814 0939      OLD_BV [.I, ECC$V_BOLD] = FALSE;
815 0940      OLD_BV [.I, ECC$V_UNDERLINE] = FALSE;
816 0941      OLD_BV [.I, ECC$V_UNNUMBERED] = (.I GEQ .HLC_NO_NUMBER);
817 0942
818 0943      OLD_BV [.I, ECC$H_RUNIN] = (.I GEQ .HLC_RUNON);
819 0944
820 0945      OLD_BV [.I, ECC$H_CASE] =
821 0946      (IF .I LEQ .HLC_UPPER THEN
822 0947      ECC$K_ALLCAP
823 0948      ELSE

```

```

: 824 0949 4          IF .I LEQ .HLC CAP THEN
: 825 0950 4          ECC$K_FIRSTCAP
: 826 0951 4          ELSE
: 827 0952 3          ECC$K_LEAVECASE);
: 828 0953 3
: 829 0954 3          OLD_BV [.I, ECC$H_POSITION] =
: 830 0955 4          (IF .I GEQ .HCC CENTER THEN
: 831 0956 4          ECC$K_CENTER
: 832 0957 4          ELSE
: 833 0958 3          ECC$K_LEFT);
: 834 0959 3
: 835 0960 3          OLD_BV [.I, ECC$H_AFTER] = .HLC HEADLC;
: 836 0961 3          OLD_BV [.I, ECC$H_BEFORE] = .HLC HEADLB;
: 837 0962 3          OLD_BV [.I, ECC$H_SPACES] = .HLC HEADSP;
: 838 0963 3          OLD_BV [.I, ECC$H_TESTPAGE] = .HCC HEADLT;
: 839 0964 3
: 840 0965 2          END;
: 841 0966 2
: 842 0967 1          END;
! End of SET_STHL

```

			003C 00000	SET_STHL:				
			55 00000000G	EF 9E 00002	.WORD	Save R2,R3,R4,R5		0836
	52	04	AC 0000006C	8F C1 00009	MOVAB	HLC+28, R5		0880
			03 10	AC E9 00012	ADDL3	#108, STYLE_BLOCK, R2		0895
				010F 31 00016	BLBC	OLD_SYNTAX, 1\$		
	50	08	AC	01 C3 00019	BRW	11\$		
				00FF 31 0001E	SUBL3	#1, FIRST_HL, I		0901
	51		50	24 C5 00021	BRW	10\$		
			51 04	AC C0 00025	MULL3	#36, I, R1		0906
			51 6C	A1 9E 00029	ADDL2	STYLE_BLOCK, R1		
53	61		01	00 EF 0002D	MOVAB	108(RT), R1		
54	62		01	00 EF 00032	EXTZV	#0, #1, (R1), R3		0910
			53	54 88 00037	EXTZV	#0, #1, (R2), R4		
61	01		00	53 F0 0003A	BISB2	R4, R3		
53	61		01	01 EF 0003F	INSV	R3, #0, #1, (R1)		
54	62		01	01 EF 00044	EXTZV	#1, #1, (R1), R3		0911
			53	54 88 00049	EXTZV	#1, #1, (R2), R4		
61	01		01	53 F0 0004C	BISB2	R4, R3		
53	61		01	02 EF 00051	INSV	R3, #1, #1, (R1)		
54	62		01	02 EF 00056	EXTZV	#2, #1, (R1), R3		0912
			53	54 88 0005B	EXTZV	#2, #1, (R2), R4		
61	01		02	53 F0 0005E	BISB2	R4, R3		
53	61		01	03 EF 00063	INSV	R3, #2, #1, (R1)		
54	62		01	03 EF 00068	EXTZV	#3, #1, (R1), R3		0913
			53	54 88 0006D	EXTZV	#3, #1, (R2), R4		
61	01		03	53 F0 00070	BISB2	R4, R3		
53	61		01	05 EF 00075	INSV	R3, #3, #1, (R1)		
54	62		01	05 EF 0007A	EXTZV	#5, #1, (R1), R3		0914
			53	54 88 0007F	EXTZV	#5, #1, (R2), R4		
61	01		05	53 F0 00082	BISB2	R4, R3		
53	61		01	04 EF 00087	INSV	R3, #5, #1, (R1)		
54	62		01	04 EF 0008C	EXTZV	#4, #1, (R1), R3		0915
					EXTZV	#4, #1, (R2), R4		

61	01		53	54	88	00091	BISB2	R4, R3		
53	61		04	53	F0	00094	INSV	R3, #4, #1, (R1)		
54	62		01	06	EF	00099	EXTZV	#6, #1, (R1), R3	0916	
			53	06	EF	0009E	EXTZV	#6, #1, (R2), R4		
61	01		06	54	88	000A3	BISB2	R4, R3		
		FF	8F	53	F0	000A6	INSV	R3, #6, #1, (R1)		
				02	A2	91	000AB	CMPB	2(R2), #-1	0920
		02	A1	05	13	000B0	BEQL	3\$		
		FF	8F	02	A2	90	000B2	MOVB	2(R2), 2(R1)	
				03	A2	91	000B7	CMPB	3(R2), #-1	0921
		03	A1	05	13	000BC	BEQL	4\$		
		FF	8F	03	A2	90	000BE	MOVB	3(R2), 3(R1)	
				04	A2	91	000C3	CMPB	4(R2), #-1	0922
		04	A1	05	13	000C8	BEQL	5\$		
		FFFF	8F	04	A2	90	000CA	MOVB	4(R2), 4(R1)	
				05	A2	B1	000CF	CMPW	5(R2), #-1	0923
		05	A1	05	13	000D5	BEQL	6\$		
53	04	A2	10	A2	B0	000D7	MOVW	5(R2), 5(R1)		
		FFFFFFFF	8F	18	EE	000DC	EXTV	#24, #16, 4(R2), R3	0924	
				53	D1	000E2	CMPL	R3, #-1		
04	A1		10	06	13	000E9	BEQL	7\$		
		FFFF	8F	53	F0	000EB	INSV	R3, #24, #16, 4(R1)		
				09	A2	B1	000F1	CMPW	9(R2), #-1	0925
		09	A1	05	13	000F7	BEQL	8\$		
53	08	A2	10	A2	B0	000F9	MOVW	9(R2), 9(R1)		
		FFFFFFFF	8F	18	EE	000FE	EXTV	#24, #16, 8(R2), R3	0926	
				53	D1	00104	CMPL	R3, #-1		
08	A1		10	06	13	0010B	BEQL	9\$		
		FFFF	8F	53	F0	0010D	INSV	R3, #24, #16, 8(R1)		
				0D	A2	B1	00113	CMPW	13(R2), #-1	0927
		0D	A1	05	13	00119	BEQL	10\$		
FEFA	50		01	A2	B0	0011B	MOVW	13(R2), 13(R1)		
				0C	AC	F1	00120	ACBL	LAST_HL, #1, 1, 2\$	0901
					04	00127	RET			
			51	01	D0	00128	MOVL	#1, 1	0963	
			51	24	C5	0012B	MULL3	#36, 1, R0	0939	
			52	50	C1	0012F	ADDL3	R0, R2, R4		
			64	03	8A	00133	BICB2	#3, (R4)	0940	
				53	D4	00136	CLRL	R3	0941	
			65	51	D1	00138	CMPL	I, HLC+28		
				02	19	0013B	BLSS	13\$		
				53	D6	0013D	INCL	R3		
64	01		02	53	F0	0013F	INSV	R3, #2, #1, (R4)	0943	
		EC	A5	53	D4	00144	CLRL	R3		
				51	D1	00146	CMPL	I, HLC+8		
				02	19	0014A	BLSS	14\$		
		02	A4	53	D6	0014C	INCL	R3		
		E4	A5	53	90	0014E	MOVB	R3, 2(R4)		
				51	D1	00152	CMPL	I, HLC	0946	
				05	14	00156	BGTR	15\$		
			53	02	D0	00158	MOVL	#2, R3		
				0D	11	0015B	BRB	17\$		
		E8	A5	51	D1	0015D	CMPL	I, HLC+4	0949	
				05	14	00161	BGTR	16\$		
			53	01	D0	00163	MOVL	#1, R3		
				02	11	00166	BRB	17\$		
				53	D4	00168	CLRL	R3		



```

845 U 0969 1 %SBTTL 'CHECK_HL_VALUES -- verify order and range of HL-level values'
846 U 0970 1 ROUTINE CHECK_HL_VALUES (FIRST_HL, LAST_HL) =
847 U 0971 1 ++
848 U 0972 1
849 U 0973 1 FUNCTIONAL DESCRIPTION:
850 U 0974 1
851 U 0975 1 CHECK_HL_VALUES Makes sure two supplied HL-level numbers are in
852 U 0976 1 ascending order, and range-checks them to make sure they are in the
853 U 0977 1 range from 1 to 6.
854 U 0978 1
855 U 0979 1 FORMAL PARAMETERS:
856 U 0980 1
857 U 0981 1 FIRST_HL, LAST_HL are the addresses of the two values to check.
858 U 0982 1
859 U 0983 1 IMPLICIT INPUTS: None
860 U 0984 1
861 U 0985 1 IMPLICIT OUTPUTS:
862 U 0986 1
863 U 0987 1 If the two values were not in ascending order, they are reversed
864 U 0988 1 and the new, properly ordered values are 'pushed back' through the
865 U 0989 1 routine formals.
866 U 0990 1
867 U 0991 1 ROUTINE VALUE:
868 U 0992 1 COMPLETION CODES:
869 U 0993 1
870 U 0994 1 The routine returns TRUE if the two values were in range, and FALSE
871 U 0995 1 otherwise.
872 U 0996 1
873 U 0997 1 SIDE EFFECTS: None
874 U 0998 1 --
875 U 0999 1 BEGIN
876 U 1000 1
877 U 1001 1 EXTERNAL ROUTINE
878 U 1002 1 CONVBB;
879 U 1003 1
880 U 1004 1 EXTERNAL LITERAL !Error messages
881 U 1005 1 RNFIM,
882 U 1006 1 RNFNNA;
883 U 1007 1
884 U 1008 1 LOCAL
885 U 1009 1 SWITCH,
886 U 1010 1 DIGITS : VECTOR [10],
887 U 1011 1 LEN;
888 U 1012 1
889 U 1013 1 OWN
890 U 1014 1 FS_ALLOCATE (STRING, 5);
891 U 1015 1
892 U 1016 1 BIND
893 U 1017 1 FIR = .FIRST_HL,
894 U 1018 1 LAS = .LAST_HL;
895 U 1019 1
896 U 1020 1 !+
897 U 1021 1 ! If this subroutine has been called yet during this invocation of STYLE,
898 U 1022 1 ! then there is nothing more to check.
899 U 1023 1 !-
900 U 1024 1 IF .HLS_CHECKED EQL -1 THEN ! Have we checked already, and failed?
901 U 1025 1 RETURN FALSE

```



```

902 U 1026 1 ELSE
903 U 1027 1 IF .HLS_CHECKED EQL 1 THEN !If not, have we checked and all was ok?
904 U 1028 1 RETURN TRUE
905 U 1029 1 ELSE
906 U 1030 1 HLS_CHECKED = 1; !Haven't yet checked. Indicate that now we have.
907 U 1031 1
908 U 1032 1 FS_INIT (STRING);
909 U 1033 1
910 U 1034 1 !+
911 U 1035 1 ! Switch the two numbers if they are not monotone increasing.
912 U 1036 1 !-
913 U 1037 1 IF .FIR GTR .LAS THEN
914 U 1038 1 BEGIN ! User gave a range like 'LEVEL=3:1' -- which
915 U 1039 1 SWITCH = .LAS; ! is legal -- so rationalize it.
916 U 1040 1 LAS = .FIR;
917 U 1041 1 FIR = .SWITCH;
918 U 1042 1 END;
919 U 1043 1 !+
920 U 1044 1 ! Range-check the supplied level-number(s).
921 U 1045 1 !-
922 U 1046 1 SELECT TRUE OF
923 U 1047 1 SET
924 U 1048 1 [.FIR EQL 0] :
925 U 1049 1 !
926 U 1050 1 ERMS (RNFNM, CH$PTR (UPLIT('0')), 1); !'Illegal number value'
927 U 1051 1 !
928 U 1052 1 [.LAS EQL 0] :
929 U 1053 1 !
930 U 1054 1 ERMS (RNFNM, CH$PTR (UPLIT('0')), 1); !'Illegal number value'
931 U 1055 1 !
932 U 1056 1 [.FIR LSS 0] :
933 U 1057 1 !
934 U 1058 1 BEGIN
935 U 1059 1 CONVBB (.FIR, DIGITS, LEN, 10);
936 U 1060 1 FS_WCHAR (STRING, %C'-');
937 U 1061 1 DECR I FROM (MIN (5, .LEN)) TO 1 DO
938 U 1062 1 FS_WCHAR (STRING, CH$PTR(.DIGITS[I-1]));
939 U 1063 1 ERMS (RNFNNA, .FS_START (STRING), .FS_LENGTH (STRING)); !'Negative number not allowed'
940 U 1064 1 FS_INIT (STRING);
941 U 1065 1 END;
942 U 1066 1 !
943 U 1067 1 [.LAS LSS 0] :
944 U 1068 1 !
945 U 1069 1 BEGIN
946 U 1070 1 CONVBB (.LAS, DIGITS, LEN, 10);
947 U 1071 1 FS_WCHAR (STRING, %C'-');
948 U 1072 1 DECR I FROM (MIN (5, .LEN)) TO 1 DO
949 U 1073 1 FS_WCHAR (STRING, CH$PTR(.DIGITS[I-1]));
950 U 1074 1 ERMS (RNFNNA, .FS_START (STRING), .FS_LENGTH (STRING)); !'Negative number not allowed'
951 U 1075 1 FS_INIT (STRING);
952 U 1076 1 END;
953 U 1077 1 !
954 U 1078 1 [.FIR GTR 6] :
955 U 1079 1 !
956 U 1080 1 BEGIN
957 U 1081 1 CONVBB (.FIR, DIGITS, LEN, 10);
958 U 1082 1

```

```

: 959      U 1083 1      DECR I FROM (MIN (5, .LEN)) TO 1 DO
: 960      U 1084 1      FS WCHAR (STRING, CH$PTR(.DIGITSE[I-1]));
: 961      U 1085 1      ERMS (RNFINM, .FS_START (STRING), .FS_LENGTH (STRING));      !'Illegal number value'
: 962      U 1086 1      FS_INIT (STRING);
: 963      U 1087 1      END;
: 964      U 1088 1
: 965      U 1089 1      [ .LAS GTR 6 ] :
: 966      U 1090 1      |
: 967      U 1091 1      | BEGIN
: 968      U 1092 1      | CONVBB (.LAS, DIGITS, LEN, 10);
: 969      U 1093 1      | DECR I FROM (MIN (5, .LEN)) TO 1 DO
: 970      U 1094 1      | FS WCHAR (STRING, CH$PTR(.DIGITSE[I-1]));
: 971      U 1095 1      | ERMS (RNFINM, .FS_START (STRING), .FS_LENGTH (STRING));      !'Illegal number value'
: 972      U 1096 1      | FS_INIT (STRING);
: 973      U 1097 1      | END;
: 974      U 1098 1
: 975      U 1099 1      [ (.FIR LEQ 0) OR (.LAS GTR 6) ] :
: 976      U 1100 1      |
: 977      U 1101 1      | BEGIN
: 978      U 1102 1      | HLS CHECKED = -1;
: 979      U 1103 1      | RETURN FALSE;
: 980      U 1104 1      | END;
: 981      U 1105 1
: 982      U 1106 1      [ OTHERWISE ] :
: 983      U 1107 1      |
: 984      U 1108 1      | RETURN TRUE;
: 985      U 1109 1
: 986      U 1110 1      TES;
: 987      U 1111 1
: 988      U 1112 1      TRUE
: 989      U 1113 1      END;

```

!End of CHECK\_HL\_VALUES

```

: 991 U 1114 1 %SBTTL 'INIT_STYLE_KW -- Initialize $KWS_BLOCKVECTOR for STYLE commands'
: 992 U 1115 1 ROUTINE INIT_STYLE_KW (HANDLER) : NOVALUE =
: 993 U 1116 1 ++
: 994 U 1117 1
: 995 U 1118 1 FUNCTIONAL DESCRIPTION:
: 996 U 1119 1
: 997 U 1120 1     INIT_STYLE_KW  initializes the $KWS_BLOCKVECTOR for STYLE commands.
: 998 U 1121 1
: 999 U 1122 1 FORMAL PARAMETERS:
1000 U 1123 1
1001 U 1124 1     HANDLER          tells which command is being processed.
1002 U 1125 1
1003 U 1126 1 IMPLICIT INPUTS:
1004 U 1127 1
1005 U 1128 1     The module-level OWN variable FIRST_TIME controls whether the keyword
1006 U 1129 1     data is initialized.
1007 U 1130 1
1008 U 1131 1 IMPLICIT OUTPUTS:
1009 U 1132 1
1010 U 1133 1     The module-level OWN variable KEYWORDS is initialized to represent
1011 U 1134 1     the legal keywords for this .STYLE command.
1012 U 1135 1
1013 U 1136 1 ROUTINE VALUE:
1014 U 1137 1 COMPLETION CODES:      None
1015 U 1138 1
1016 U 1139 1 SIDE EFFECTS:         None
1017 U 1140 1 --
1018 U 1141 1 BEGIN
1019 U 1142 1
1020 U 1143 1     INCR I FROM 0 TO COUNT_STYL_KEYWORDS - 1 DO
1021 U 1144 1         BEGIN
1022 U 1145 1             KEYWORDS [.I, KWSSH_ARG_VALUE] = 0;
1023 U 1146 1             KEYWORDS [.I, KWSSH_ARG_SIGN] = 0;
1024 U 1147 1             KEYWORDS [.I, KWSSA_ARG_POINTER] = 0;
1025 U 1148 1             KEYWORDS [.I, KWSSH_ARG_LENGTH] = 0;
1026 U 1149 1         END;
1027 U 1150 1
1028 U 1151 1 ++
1029 U 1152 1     Set up default values for those keywords that take numeric parameters.
1030 U 1153 1     This lets us reestablish the default if the user does not give a value.
1031 U 1154 1 --
1032 U 1155 1     KEYWORDS [KWSSK_AFTER, KWSSH_ARG_VALUE] =
1033 U 1156 1         (IF .HANDLER EQL (H_STYLE_CHAPTER OR H_STYLE_APPENDI)
1034 U 1157 1             THEN 3
1035 U 1158 1             ELSE 1 );
1036 U 1159 1
1037 U 1160 1     KEYWORDS [KWSSK_BEFORE, KWSSH_ARG_VALUE] =
1038 U 1161 1         (IF .HANDLER EQL H_STYLE_READERS
1039 U 1162 1             THEN 2
1040 U 1163 1             ELSE
1041 U 1164 1                 IF .HANDLER EQL (H_STYLE_CHAPTER OR H_STYLE_APPENDI)
1042 U 1165 1                     THEN 12
1043 U 1166 1                     ELSE 1);
1044 U 1167 1
1045 U 1168 1     KEYWORDS [KWSSK_SPACES, KWSSH_ARG_VALUE] = 2;
1046 U 1169 1
1047 U 1170 1     KEYWORDS [KWSSK_BETWEEN, KWSSH_ARG_VALUE] = 1;

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1048 U 1171 1
1049 U 1172 1 KEYWORDS [KWSSK_LEVEL, KWSSH_ARG_VALUE] = .MLLIST [CL_INDEX];
1050 U 1173 1
1051 U 1174 1
1052 U 1175 1 | The module-level OWN variable FIRST_TIME is initialized to 1 in its
1053 U 1176 1 | declaration; therefore, the first time this routine is called, the
1054 U 1177 1 | keyword pointers and lengths are set up. On all subsequent calls,
1055 U 1178 1 | only the keyword-value fields are initialized.
1056 U 1179 1
1057 U 1180 1 IF .FIRST_TIME EQL 1 THEN
1058 U 1181 1     FIRST_TIME = -1
1059 U 1182 1 ELSE
1060 U 1183 1     RETURN;
1061 U 1184 1
1062 U 1185 1
1063 U 1186 1 |
1064 U 1187 1 | One-time-only initialization follows.
1065 U 1188 1 |
1066 U 1189 1 | AFTER keyword
1067 U 1190 1 KEYWORDS [KWSSK_AFTER, KWSSA_KW_POINTER] = CH$PTR(UPLIT('AFTER'));
1068 U 1191 1 KEYWORDS [KWSSK_AFTER, KWSSH_KW_LENGTH] = 5;
1069 U 1192 1 KEYWORDS [KWSSK_AFTER, KWSSH_ARG_TYPE] = KWSSK_NUMBER_OPTIONAL;
1070 U 1193 1 |
1071 U 1194 1 | ALLCAP keyword
1072 U 1195 1 KEYWORDS [KWSSK_ALLCAP, KWSSA_KW_POINTER] = CH$PTR(UPLIT('ALLCAP'));
1073 U 1196 1 KEYWORDS [KWSSK_ALLCAP, KWSSH_KW_LENGTH] = 6;
1074 U 1197 1 KEYWORDS [KWSSK_ALLCAP, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1075 U 1198 1 |
1076 U 1199 1 | BEFORE keyword
1077 U 1200 1 KEYWORDS [KWSSK_BEFORE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('BEFORE'));
1078 U 1201 1 KEYWORDS [KWSSK_BEFORE, KWSSH_KW_LENGTH] = 6;
1079 U 1202 1 KEYWORDS [KWSSK_BEFORE, KWSSH_ARG_TYPE] = KWSSK_NUMBER_OPTIONAL;
1080 U 1203 1 |
1081 U 1204 1 | BETWEEN keyword
1082 U 1205 1 KEYWORDS [KWSSK_BETWEEN, KWSSA_KW_POINTER] = CH$PTR(UPLIT('BETWEEN'));
1083 U 1206 1 KEYWORDS [KWSSK_BETWEEN, KWSSH_KW_LENGTH] = 7;
1084 U 1207 1 KEYWORDS [KWSSK_BETWEEN, KWSSH_ARG_TYPE] = KWSSK_NUMBER_OPTIONAL;
1085 U 1208 1 |
1086 U 1209 1 | BOLD keyword
1087 U 1210 1 KEYWORDS [KWSSK_BOLD, KWSSA_KW_POINTER] = CH$PTR(UPLIT('BOLD'));
1088 U 1211 1 KEYWORDS [KWSSK_BOLD, KWSSH_KW_LENGTH] = 4;
1089 U 1212 1 KEYWORDS [KWSSK_BOLD, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1090 U 1213 1 |
1091 U 1214 1 | BREAK keyword
1092 U 1215 1 KEYWORDS [KWSSK_BREAK, KWSSA_KW_POINTER] = CH$PTR(UPLIT('BREAK'));
1093 U 1216 1 KEYWORDS [KWSSK_BREAK, KWSSH_KW_LENGTH] = 5;
1094 U 1217 1 KEYWORDS [KWSSK_BREAK, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1095 U 1218 1 |
1096 U 1219 1 | CENTER keyword
1097 U 1220 1 KEYWORDS [KWSSK_CENTER, KWSSA_KW_POINTER] = CH$PTR(UPLIT('CENTER'));
1098 U 1221 1 KEYWORDS [KWSSK_CENTER, KWSSH_KW_LENGTH] = 6;
1099 U 1222 1 KEYWORDS [KWSSK_CENTER, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1100 U 1223 1 |
1101 U 1224 1 | DEFAULTS keyword
1102 U 1225 1 KEYWORDS [KWSSK_DEFAULTS, KWSSA_KW_POINTER] = CH$PTR(UPLIT('DEFAULTS'));
1103 U 1226 1 KEYWORDS [KWSSK_DEFAULTS, KWSSH_KW_LENGTH] = 8;
1104 U 1227 1 KEYWORDS [KWSSK_DEFAULTS, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;

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: 1105      U 1228 1  ! FIRSTCAP keyword
1106      U 1229 1  KEYWORDS [KWSSK_FIRSTCAP, KWSSA_KW_POINTER] = CH$PTR(UPLIT('FIRSTCAP'));
1107      U 1230 1  KEYWORDS [KWSSK_FIRSTCAP, KWSSH_KW_LENGTH] = 8;
1108      U 1231 1  KEYWORDS [KWSSK_FIRSTCAP, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1109      U 1232 1  ! LEAVECASE keyword
1110      U 1233 1  KEYWORDS [KWSSK_LEAVECASE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('LEAVECASE'));
1111      U 1234 1  KEYWORDS [KWSSK_LEAVECASE, KWSSH_KW_LENGTH] = 9;
1112      U 1235 1  KEYWORDS [KWSSK_LEAVECASE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1113      U 1236 1  ! LEFT keyword
1114      U 1237 1  KEYWORDS [KWSSK_LEFT, KWSSA_KW_POINTER] = CH$PTR(UPLIT('LEFT'));
1115      U 1238 1  KEYWORDS [KWSSK_LEFT, KWSSH_KW_LENGTH] = 4;
1116      U 1239 1  KEYWORDS [KWSSK_LEFT, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1117      U 1240 1  ! LEVEL keyword
1118      U 1241 1  KEYWORDS [KWSSK_LEVEL, KWSSA_KW_POINTER] = CH$PTR(UPLIT('LEVEL'));
1119      U 1242 1  KEYWORDS [KWSSK_LEVEL, KWSSH_KW_LENGTH] = 5;
1120      U 1243 1  KEYWORDS [KWSSK_LEVEL, KWSSH_ARG_TYPE] = KWSSK_RANGE_OF_NUMBERS;
1121      U 1244 1  ! NOBOLD keyword
1122      U 1245 1  KEYWORDS [KWSSK_NOBOLD, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOBOLD'));
1123      U 1246 1  KEYWORDS [KWSSK_NOBOLD, KWSSH_KW_LENGTH] = 6;
1124      U 1247 1  KEYWORDS [KWSSK_NOBOLD, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1125      U 1248 1  ! NOBREAK keyword
1126      U 1249 1  KEYWORDS [KWSSK_NOBREAK, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOBREAK'));
1127      U 1250 1  KEYWORDS [KWSSK_NOBREAK, KWSSH_KW_LENGTH] = 7;
1128      U 1251 1  KEYWORDS [KWSSK_NOBREAK, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1129      U 1252 1  ! NOPAGE keyword
1130      U 1253 1  KEYWORDS [KWSSK_NOPAGE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOPAGE'));
1131      U 1254 1  KEYWORDS [KWSSK_NOPAGE, KWSSH_KW_LENGTH] = 6;
1132      U 1255 1  KEYWORDS [KWSSK_NOPAGE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1133      U 1256 1  ! NORUNIN keyword
1134      U 1257 1  KEYWORDS [KWSSK_NORUNIN, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NORUNIN'));
1135      U 1258 1  KEYWORDS [KWSSK_NORUNIN, KWSSH_KW_LENGTH] = 7;
1136      U 1259 1  KEYWORDS [KWSSK_NORUNIN, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1137      U 1260 1  ! NOSTARTODD keyword
1138      U 1261 1  KEYWORDS [KWSSK_NOSTARTODD, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOSTARTO.^'));
1139      U 1262 1  KEYWORDS [KWSSK_NOSTARTODD, KWSSH_KW_LENGTH] = 11;
1140      U 1263 1  KEYWORDS [KWSSK_NOSTARTODD, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1141      U 1264 1  ! NOTOCPAGE keyword
1142      U 1265 1  KEYWORDS [KWSSK_NOTOCPAGE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOTOCPAGE'));
1143      U 1266 1  KEYWORDS [KWSSK_NOTOCPAGE, KWSSH_KW_LENGTH] = 10;
1144      U 1267 1  KEYWORDS [KWSSK_NOTOCPAGE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1145      U 1268 1  ! NOUNDERLINE keyword
1146      U 1269 1  KEYWORDS [KWSSK_NOUNDERLINE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOUNDERLINE'));
1147      U 1270 1  KEYWORDS [KWSSK_NOUNDERLINE, KWSSH_KW_LENGTH] = 11;
1148      U 1271 1  KEYWORDS [KWSSK_NOUNDERLINE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1149      U 1272 1  ! NUMBERED keyword
1150      U 1273 1  KEYWORDS [KWSSK_NUMBERED, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NUMBERED'));
1151      U 1274 1  KEYWORDS [KWSSK_NUMBERED, KWSSH_KW_LENGTH] = 11;
1152      U 1275 1  KEYWORDS [KWSSK_NUMBERED, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1153      U 1276 1  ! NOBOLD keyword
1154      U 1277 1  KEYWORDS [KWSSK_NOBOLD, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOBOLD'));
1155      U 1278 1  KEYWORDS [KWSSK_NOBOLD, KWSSH_KW_LENGTH] = 6;
1156      U 1279 1  KEYWORDS [KWSSK_NOBOLD, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1157      U 1280 1  ! NOBREAK keyword
1158      U 1281 1  KEYWORDS [KWSSK_NOBREAK, KWSSA_KW_POINTER] = CH$PTR(UPLIT('NOBREAK'));
1159      U 1282 1  KEYWORDS [KWSSK_NOBREAK, KWSSH_KW_LENGTH] = 7;
1160      U 1283 1  KEYWORDS [KWSSK_NOBREAK, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
1161      U 1284 1  ! NOPAGE keyword

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: 1162 U 1285 1 KEYWORDS [KWSSK_NUMBERED, KWSSH_KW_LENGTH] = 8;
: 1163 U 1286 1 KEYWORDS [KWSSK_NUMBERED, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1164 U 1287 1
: 1165 U 1288 1 : PAGE keyword
: 1166 U 1289 1 KEYWORDS [KWSSK_PAGE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('PAGE'));
: 1167 U 1290 1 KEYWORDS [KWSSK_PAGE, KWSSH_KW_LENGTH] = 4;
: 1168 U 1291 1 KEYWORDS [KWSSK_PAGE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1169 U 1292 1
: 1170 U 1293 1 : RIGHT keyword
: 1171 U 1294 1 KEYWORDS [KWSSK_RIGHT, KWSSA_KW_POINTER] = CH$PTR(UPLIT('RIGHT'));
: 1172 U 1295 1 KEYWORDS [KWSSK_RIGHT, KWSSH_KW_LENGTH] = 5;
: 1173 U 1296 1 KEYWORDS [KWSSK_RIGHT, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1174 U 1297 1
: 1175 U 1298 1 : RUNIN keyword
: 1176 U 1299 1 KEYWORDS [KWSSK_RUNIN, KWSSA_KW_POINTER] = CH$PTR(UPLIT('RUNIN'));
: 1177 U 1300 1 KEYWORDS [KWSSK_RUNIN, KWSSH_KW_LENGTH] = 5;
: 1178 U 1301 1 KEYWORDS [KWSSK_RUNIN, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1179 U 1302 1
: 1180 U 1303 1 : SPACES keyword
: 1181 U 1304 1 KEYWORDS [KWSSK_SPACES, KWSSA_KW_POINTER] = CH$PTR(UPLIT('SPACES'));
: 1182 U 1305 1 KEYWORDS [KWSSK_SPACES, KWSSH_KW_LENGTH] = 6;
: 1183 U 1306 1 KEYWORDS [KWSSK_SPACES, KWSSH_ARG_TYPE] = KWSSK_NUMBER_OPTIONAL;
: 1184 U 1307 1
: 1185 U 1308 1 : STARTODD keyword
: 1186 U 1309 1 KEYWORDS [KWSSK_STARTODD, KWSSA_KW_POINTER] = CH$PTR(UPLIT('STARTODD'));
: 1187 U 1310 1 KEYWORDS [KWSSK_STARTODD, KWSSH_KW_LENGTH] = 9;
: 1188 U 1311 1 KEYWORDS [KWSSK_STARTODD, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1189 U 1312 1
: 1190 U 1313 1 : TESTPAGE keyword
: 1191 U 1314 1 KEYWORDS [KWSSK_TESTPAGE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('TESTPAGE'));
: 1192 U 1315 1 KEYWORDS [KWSSK_TESTPAGE, KWSSH_KW_LENGTH] = 8;
: 1193 U 1316 1 KEYWORDS [KWSSK_TESTPAGE, KWSSH_ARG_TYPE] = KWSSK_NUMBER_OPTIONAL;
: 1194 U 1317 1
: 1195 U 1318 1 : TOCPAGE keyword
: 1196 U 1319 1 KEYWORDS [KWSSK_TOCPAGE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('TOCPAGE'));
: 1197 U 1320 1 KEYWORDS [KWSSK_TOCPAGE, KWSSH_KW_LENGTH] = 8;
: 1198 U 1321 1 KEYWORDS [KWSSK_TOCPAGE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1199 U 1322 1
: 1200 U 1323 1 : UNDERLINE keyword
: 1201 U 1324 1 KEYWORDS [KWSSK_UNDERLINE, KWSSA_KW_POINTER] = CH$PTR(UPLIT('UNDERLINE'));
: 1202 U 1325 1 KEYWORDS [KWSSK_UNDERLINE, KWSSH_KW_LENGTH] = 9;
: 1203 U 1326 1 KEYWORDS [KWSSK_UNDERLINE, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1204 U 1327 1
: 1205 U 1328 1 : UNNUMBERED keyword
: 1206 U 1329 1 KEYWORDS [KWSSK_UNNUMBERED, KWSSA_KW_POINTER] = CH$PTR(UPLIT('UNNUMBERED'));
: 1207 U 1330 1 KEYWORDS [KWSSK_UNNUMBERED, KWSSH_KW_LENGTH] = 10;
: 1208 U 1331 1 KEYWORDS [KWSSK_UNNUMBERED, KWSSH_ARG_TYPE] = KWSSK_NO_ARGUMENTS;
: 1209 U 1332 1
: 1210 U 1333 1
: 1211 U 1334 1 END; ! End of INIT_STYLE_KW
: 1212 U 1335 1 %FI
: 1213 U 1336 1 END !End of module
: 1214 U 1337 0 ELUDOM

```

STYLE  
V04-000

Verify and collect attributes for .STYLE <entit 1 12  
SET\_STHL -- Set up ECC from one .STYLE HEADERS 14-Sep-1984 13:08:15

VAX-11 Bliss-32 V4.0-742 Page 29  
DISK\$VMSMASTER:[RUNOFF.SRC]STYLE.BLI;1 (8)

PSECT SUMMARY

Name	Bytes	Attributes
\$PLITS	8	NOVEC,NOWRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
\$CODES	498	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0	0	252	00:00.2
_\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	49	3	86	00:00.3

COMMAND QUALIFIERS

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

: Size: 498 code + 8 data bytes  
: Run Time: 00:15.2  
: Elapsed Time: 00:42.6  
: Lines/CPU Min: 5274  
: Lexemes/CPU-Min: 25518  
: Memory Used: 130 pages  
: Compilation Complete

0349 AH-BT13A-SE  
VAX/VMS V4.0

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