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DDDDDDDD 000000 CCCCCCCC MM MM  
DDDDDDDD 000000 CCCCCCCC MM MM  
DD DD 00 00 CC MMMM MMMM  
DD DD 00 00 CC MMMM MMMM  
DD DD 00 00 CC MM MM  
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DD DD 00 00 CC MM MM  
DD DD 00 00 CC MM MM  
DD DD 00 00 CC MM MM  
DDDDDDDD 000000 CCCCCCCC MM MM  
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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
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0001 0 %TITLE 'DSR directive dispatcher'
0002 0 MODULE docm ( IDENT = 'V04-000'
P 0003 0 %B'ISS32[, 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 ++
0033 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
0034 1
0035 1 ABSTRACT: Command dispatcher.
0036 1
0037 1 ENVIRONMENT: Transportable
0038 1
0039 1 AUTHOR: R.W.Friday CREATION DATE: May, 1978
0040 1

```

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42 0041 1 %SBTTL 'Revision History'
43 0042 1
44 0043 1   MODIFIED BY:
45 0044 1
46 0045 1   027   KFA00029   Ken Alden   04-Aug-1983
47 0046 1   Added(dsrplus) .dis/enable Appendix, H_page_now.
48 0047 1
49 0048 1   028   KFA00028   Ken Alden   03-Aug-1983
50 0049 1   Added(dsrplus) DIS/ENABLE CHAPTER
51 0050 1
52 0051 1   027   RER00027   Ron Randall  12-May-1983
53 0052 1   Minor edit.
54 0053 1
55 0054 1   026   KAD00026   Keith Dawson 9-May-1983
56 0055 1   Remove support for .DX, .PX.
57 0056 1
58 0057 1   025   REM00025   Ray Marshall Apr-1983
59 0058 1   Modified .APPENDIX & .CHAPTER dispatching for DSR to use the
60 0059 1   routine HEADER instead of CHAPT to support the chapter/
61 0060 1   appendix decoupling.
62 0061 1   Modified .DISPLAY APPENDIX & .DISPLAY CHAPTER dispatching for
63 0062 1   DSR to use routine DSPENT instead of DSPPAG to support the
64 0063 1   chapter/appendix decoupling.
65 0064 1   Modified .NO CHAPTER dispatching for DSRPLUS to use routine
66 0065 1   HEADER instead of CHAPT. This change makes CHAPT obsolete
67 0066 1   from here on in both DSR & DSRPLUS.
68 0067 1
69 0068 1   024   KFA00024   Ken Alden   21-Apr-1983
70 0069 1   For DSRPLUS: changed the name of the handling routine
71 0070 1   for DISPLAY COUNTER to CNTTXT.
72 0071 1
73 0072 1   023   KAD00023   Keith Dawson 14-Apr-1983
74 0073 1   For DSR, temporarily added dopx routine back in.
75 0074 1   (Will be removed altogether, later.)
76 0075 1
77 0076 1   022   RER00022   Ron Randall  12-Apr-1983
78 0077 1   For DSRPLUS: Added code for footnote numbering.
79 0078 1
80 0079 1   021   RER00021   Ron Randall  17-Mar-1983
81 0080 1   For DSRPLUS: Added code to handle topnotes.
82 0081 1   Deleted passthrough flag code.
83 0082 1   Eliminated handling of h print index.
84 0083 1   Replaced dopx routine with dindex.
85 0084 1
86 0085 1   020   KFA00020   Ken Alden   15-Mar-1983
87 0086 1   For DSRPLUS: Changed handling of passthrough flag
88 0087 1   to now be partially handled by OFT.
89 0088 1   BEGIN/END PASSTHROUGH are now not supported.
90 0089 1
91 0090 1   019   KFA00019   Ken Alden   07-Mar-1983
92 0091 1   Global edit of all modules. Updated module names, idents,
93 0092 1   copyright dates. Changed require files to BLISS library.
94 0093 1   --
95 0094 1

```

```

: 97      0095 1 %SBTTL 'Module Level Declarations'
: 98      0096 1
: 99      0097 1 : INCLUDE FILES:
100     0098 1
101     0099 1 LIBRARY 'NXPORT:XPORT';           ! XPORT Library
102     0100 1 REQUIRE 'REQ:RNODEF';           ! RUNOFF variant definitions
103     0231 1
104     U 0232 1 %IF DSRPLUS %THEN
105     U 0233 1 LIBRARY 'REQ:DPLLIB';           ! DSRPLUS BLISS Library
106     0234 1 %ELSE
107     0235 1 LIBRARY 'REQ:DSRLIB';           ! DSR BLISS Library
108     0236 1 %FI
109     0237 1
110     0238 1
111     0239 1 : EQUATED SYMBOLS:
112     0240 1
113     0241 1 EXTERNAL LITERAL
114     0242 1     rintex : UNSIGNED (8);
115     0243 1
116     0244 1 : EXTERNAL REFERENCES:
117     0245 1
118     0246 1 EXTERNAL
119     0247 1     flgt      : flag_table [flag_count],
120     0248 1     fnct      : fnct_definition,
121     0249 1     gca       : gca_definition,
122     0250 1     ira       : fixed_string,
123     0251 1     khar,
124     0252 1     numprm    : numprm_define,
125     0253 1     sca       : sca_definition;
126     0254 1
127     U 0255 1 %IF DSRPLUS %THEN
128     U 0256 1 EXTERNAL
129     U 0257 1     l_character,
130     U 0258 1     r_character,
131     U 0259 1     topnot   : tn_definition;
132     U 0260 1
133     U 0261 1 EXTERNAL LITERAL
134     U 0262 1     rnfiit;
135     U 0263 1
136     U 0264 1 EXTERNAL ROUTINE
137     U 0265 1     endchr,
138     U 0266 1     foonum;
139     0267 1 %FI
140     0268 1
141     0269 1 EXTERNAL LITERAL
142     0270 1     rnfcs,
143     0271 1     rnfift,
144     0272 1     rnfjec,
145     0273 1     rnfurr;
146     0274 1
147     0275 1 EXTERNAL ROUTINE
148     0276 1     aline,     bars,     carage, concat, contrl,
149     0277 1     dle,       docase, dsppag, dsphl, elsen,
150     0278 1     endcmt,   erma,   erm,   figure, fjnfnj, flgsem,
151     0279 1     fn,       getnum, gtab,
152     0280 1
153     0281 1     dspent,    ! For .display ( example : figure : table : appendix ' chapter).

```

```

: 154      0282 1
: 155      U 0283 1 %IF DSRPLUS %THEN
: 156      U 0284 1      dindex,      ! For .do index
: 157      U 0285 1      tptime,      ! For .topnote ( ,no ! ,begin ! ,end ), .topnote on.
: 158      U 0286 1      cref,         ! For .referencepoint
: 159      U 0287 1      cnttxt,      ! For .set ( counter ! textstring )and .display counter.
: 160      U 0288 1      sencon,      ! For .send contents.
: 161      U 0289 1      numfoo,      ! For .number footnote.
: 162      U 0290 1      dtable,      ! For .do table.
: 163      U 0291 1      docont,      ! For .do contents.
: 164      U 0292 1      xplus,
: 165      U 0293 1 %FI
: 166      0294 1
: 167      0295 1      style,         ! For .style ( example ! figure ! table ).
: 168      0296 1      nodopx,        ! Inform user that .DX, .PX are no longer supported.
: 169      0297 1      header,        ! For .header ( level ! example ! figure ! table ).
: 170      0298 1      savres,        ! For .save and .restore.
: 171      0299 1      sthl,
: 172      0300 1      ififne,
: 173      0301 1      list,          layout,
: 174      0302 1      outnj,        lit,      makndx, nm,      note,      oft,
: 175      0303 1      req,          page,     panpa,  parag,   period,  repeat,
: 176      0304 1      subpag,       rskips, setdat, settim, stc,      std,
: 177      0305 1      titles, vr,      xcase;

```

```
: 179 0306 1 %SBTTL 'DOCM -- routine header'
: 180 0307 1 GLOBAL ROUTINE docm (handler, action_list) : NOVALUE =
: 181 0308 1
: 182 0309 1 !++
: 183 0310 1 FUNCTIONAL DESCRIPTION:
: 184 0311 1
: 185 0312 1 This routine is mainly a node from which all the
: 186 0313 1 commands branch out to their corresponding modules.
: 187 0314 1 The only processing done here is:
: 188 0315 1
: 189 0316 1 1. Interpretation of bits stored in the tables
: 190 0317 1 2. Skipping spaces and tabs after a command has completed
: 191 0318 1 3. Detecting junk not picked up by the command
: 192 0319 1 routines, and issuing an error message
: 193 0320 1 4. Skipping comments after commands
: 194 0321 1
: 195 0322 1 FORMAL PARAMETERS:
: 196 0323 1
: 197 0324 1 handler - unique integer that specifies exactly which
: 198 0325 1 command the user typed.
: 199 0326 1 action_list - set of bits that specify additional processing
: 200 0327 1 to take place before the actual command is
: 201 0328 1 carried out.
: 202 0329 1 See KWITEM.REQ for a description of the bits.
: 203 0330 1
: 204 0331 1 IMPLICIT INPUTS: None
: 205 0332 1
: 206 0333 1 IMPLICIT OUTPUTS: None
: 207 0334 1
: 208 0335 1 ROUTINE VALUE:
: 209 0336 1 COMPLETION CODES: None
: 210 0337 1
: 211 0338 1 SIDE EFFECTS: None
: 212 0339 1 --
: 213 0340 1
```

```

: 215 0341 1 %SBTTL 'DOCM -- directive preprocessing'
: 216 0342 1
: 217 0343 2 BEGIN
: 218 0344 2
: 219 0345 2 Interpret the various action bits associated with each command.
: 220 0346 2
: 221 0347 2 IF .gca_skipping
: 222 0348 2 THEN
: 223 0349 2
: 224 0350 2 In the FALSE branch of an .If command.
: 225 0351 2
: 226 0352 2 IF NOT .kwitem_rif (action_list)
: 227 0353 2 THEN
: 228 0354 2
: 229 0355 2 Skip lines containing commands not related to .IF.
: 230 0356 2
: 231 0357 2 RETURN;
: 232 0358 2
: 233 0359 2 This command is illegal in a footnote.
: 234 0360 2
: 235 0361 2 IF .fnct_collecting AND .kwitem_iif (action_list)
: 236 0362 2 THEN
: 237 0363 2
: 238 0364 2 Skip to end of command and issue message.
: 239 0365 2
: 240 0366 2 BEGIN
: 241 0367 2 erma (rnfiit, true);
: 242 0368 2 RETURN;
: 243 0369 2 END;
: 244 0370 2
: 245 U 0371 2 %IF DSRPLUS %THEN
: 246 U 0372 2
: 247 U 0373 2 This command is illegal in a topnote.
: 248 U 0374 2
: 249 U 0375 2 IF .tn_collecting AND .kwitem_iit (action_list)
: 250 U 0376 2 THEN
: 251 U 0377 2
: 252 U 0378 2 Skip to end of command and issue message.
: 253 U 0379 2
: 254 U 0380 2 BEGIN
: 255 U 0381 2 erma (rnfiit, true);
: 256 U 0382 2 RETURN;
: 257 U 0383 2 END;
: 258 U 0384 2 %FI
: 259 U 0385 2
: 260 U 0386 2 IF .kwitem_do_outnj (action_list)
: 261 U 0387 2 THEN
: 262 U 0388 2 BEGIN
: 263 U 0389 2 outnj ();
: 264 U 0390 2
: 265 U 0391 2 Cancel pending indentation only if from an "auto-ed" paragraph.
: 266 U 0392 2
: 267 U 0393 2 IF .sca_para_pnd
: 268 U 0394 2 THEN
: 269 U 0395 2 sca_indent = 0;
: 270 U 0396 2
: 271 U 0397 2 sca_para_pnd = false;

```



```
: 272      0398 2      END;  
: 273      0399 2  
: 274      0400 2      IF .kwitem_do_getnum (action_list)  
: 275      0401 2      THEN  
: 276      0402 2      |  
: 277      0403 2      | Pick up a single number that might be provided.  
: 278      0404 2      |  
: 279      0405 2      num_result = getnum (ira, num_value, num_sign, num_length);  
: 280      0406 2
```

```

: 282 0407 2 %SBTTL 'DOCM -- command dispatching'
: 283 0408 2
: 284 0409 2 CASE .handler FROM first_command TO last_command OF
: 285 0410 2 SET
: 286 0411 2
: 287 0412 2 [h_appendix, h_chapter] :
: 288 0413 2 header (.handler);
: 289 0414 2
: 290 0415 2 [h_display_subpa, h_display_numbe] :
: 291 0416 2 dsppag (.handler);
: 292 0417 2
: 293 U 0418 2 %IF DSRPLUS %THEN
: 294 U 0419 2 [h_display_appen, h_display_chapt, h_display_head] :
: 295 0420 2 %ELSE
: 296 0421 2 [h_display_appen, h_display_chapt] :
: 297 0422 2 %FI
: 298 0423 2 dspent (.handler);
: 299 0424 2
: 300 0425 2 [h_display_level] :
: 301 0426 2 dsphl (.handler);
: 302 0427 2
: 303 0428 2 [h_display_eleme] :
: 304 0429 2 dle (.handler);
: 305 0430 2
: 306 U 0431 2 %IF DSRPLUS %THEN
: 307 U 0432 2 [h_do_contents] :
: 308 U 0433 2 docont (.handler);
: 309 U 0434 2
: 310 U 0435 2 [h_do_table] :
: 311 U 0436 2 dtable (.handler);
: 312 0437 2 %FI
: 313 0438 2
: 314 0439 2 [h_comment] :
: 315 0440 2 endcmt ();
: 316 0441 2
: 317 0442 2 [h_begin_bar, h_end_bar, h_enable_bar, h_disable_bar] :
: 318 0443 2 bars (.handler);
: 319 0444 2
: 320 0445 2 [h_control_chara, h_no_control_ch] :
: 321 0446 2 contrl (.handler);
: 322 0447 2
: 323 0448 2 [h_do_index] :
: 324 U 0449 2 %IF DSRPLUS %THEN
: 325 0450 2 dindex (.handler);
: 326 0451 2 %ELSE
: 327 0452 2 nodopx (.handler);
: 328 0453 2 %FI
: 329 0454 2
: 330 0455 2 [h_print_index] :
: 331 0456 2 nodopx (.handler);
: 332 0457 2
: 333 0458 2 [h_entry, h_index, h_subindex] :
: 334 0459 2 makndx (.handler, .sca_index);
: 335 0460 2
: 336 0461 2 [h_xlower, h_xupper] :
: 337 0462 2 xcase (.handler);
: 338 0463 2

```

```

339      0464 2      [h_center, h_right, h_left, h_indent] :
340      0465 2      aline (.handler);
341      0466 2
342      U 0467 2 %IF DSRPLUS %THEN
343      U 0468 2      [h_referencepoint] :
344      U 0469 2      cref (.handler);
345      0470 2 %FI
346      0471 2
347      0472 2      [h_right_margin, h_left_margin, h_page_size] :
348      0473 2      page (.handler);
349      0474 2
350      0475 2      [h_figure, h_figure_deferr] :
351      0476 2      figure (.handler);
352      0477 2
353      0478 2      [h_footnote, h_end_footnote] :
354      0479 2      fn (.handler);
355      0480 2
356      0481 2      [h_fill, h_justify, h_no_fill, h_no_justify] :
357      0482 2      fjnfnj (.handler);
358      0483 2
359      0484 2      [h_keep, h_no_keep, h_autojustify, h_no_autojustif]:
360      0485 2      fjnfnj (.handler);
361      0486 2
362      0487 2      [h_list, h_list_element] :
363      0488 2      list (.handler);
364      0489 2
365      0490 2      [h_note] :
366      0491 2      note (.handler);
367      0492 2
368      0493 2      [h_end_list, h_end_note] :
369      0494 2      elsen (.handler);
370      0495 2
371      0496 2      [h_header_level, h_set_level] :
372      0497 2      header (.handler);
373      0498 2
374      U 0499 2 %IF DSRPLUS %THEN
375      U 0500 2      [h_header_exempl, h_header_figure, h_header_table] :
376      U 0501 2      header (.handler);
377      U 0502 2
378      U 0503 2      [h_begin_topnote, h_end_topnote, h_topnote_on, h_r_topnote] :
379      U 0504 2      tpnote (.handler);
380      U 0505 2
381      U 0506 2      [h_display_examp, h_display_figur, h_display_table] :
382      U 0507 2      dspent (.handler);
383      U 0508 2
384      U 0509 2      [h_display_count] :
385      U 0510 2      cnttxt (.handler);
386      U 0511 2
387      U 0512 2      [h_number_exempl, h_number_figure, h_number_table] :
388      U 0513 2      nm (.handler);
389      U 0514 2
390      U 0515 2      [h_style_example, h_style_figure, h_style_table,
391      U 0516 2      h_style_appendi, h_style_chapter]:
392      U 0517 2      style (.handler);
393      0518 2 %FI
394      0519 2
395      0520 2      [h_style_headers] :

```



```
453 0578 2 [h_upper_case, h_lower_case] :  
454 0579 2 docase (.handler);  
455 0580 2  
456 0581 2 [h_autoparagraph, h_no_autoparagr, h_autotable, h_no_autotable,  
457 0582 2 h_paragraph, h_set_paragraph] :  
458 0583 2 parag (.handler);  
459 0584 2  
460 0585 2 [h_flags_all, h_no_flags_all] :  
461 0586 2 off (.handler, 0);  
462 0587 2  
463 0588 2 [h_flags_bold, h_no_flags_bold] :  
464 0589 2 off (.handler, bld_flag);  
465 0590 2  
466 0591 2 [h_flags_break, h_no_flags_brea] :  
467 0592 2 off (.handler, brk_flag);  
468 0593 2  
469 0594 2 [h_flags_capital, h_no_flags_capi] :  
470 0595 2 off (.handler, cap_flag);  
471 0596 2  
472 0597 2 [h_flags_comment, h_no_flags_comm] :  
473 0598 2 off (.handler, com_flag);  
474 0599 2  
475 0600 2 [h_flags_control, h_no_flags_cont] :  
476 0601 2 off (.handler, con_flag);  
477 0602 2  
478 0603 2 [h_flags_endfoot, h_no_flags_endf] :  
479 0604 2 off (.handler, efo_flag);  
480 0605 2  
481 0606 2 [h_flags_hyphena, h_no_flags_hyph] :  
482 0607 2 off (.handler, hyp_flag);  
483 0608 2  
484 0609 2 [h_flags_index, h_no_flags_inde] :  
485 0610 2 off (.handler, ind_flag);  
486 0611 2  
487 0612 2 [h_flags_lowerca, h_no_flags_lowe] :  
488 0613 2 off (.handler, low_flag);  
489 0614 2  
490 0615 2 [h_flags_overstr, h_no_flags_over] :  
491 0616 2 off (.handler, ovr_flag);  
492 0617 2  
493 0618 2 [h_flags_period, h_no_flags_peri] :  
494 0619 2 off (.handler, per_flag);  
495 0620 2  
496 0621 2 [h_flags_quote, h_no_flags_quot] :  
497 0622 2 off (.handler, quo_flag);  
498 0623 2  
499 0624 2 [h_flags_space, h_no_flags_spac] :  
500 0625 2 off (.handler, spa_flag);  
501 0626 2  
502 0627 2 [h_flags_subinde, h_no_flags_subi] :  
503 0628 2 off (.handler, sbx_flag);  
504 0629 2  
505 0630 2 [h_flags_substit, h_no_flags_subs] :  
506 0631 2 off (.handler, sub_flag);  
507 0632 2  
508 0633 2 [h_flags_underli, h_no_flags_unde] :  
509 0634 2 off (.handler, und_flag);
```

```

510 0635 2
511 0636 2 [h_flags_upperca, h_no_flags_uppe] :
512 0637 2 off (.handler, upp_flag);
513 0638 2
514 U 0639 2 %IF DSRPLUS %THEN
515 U 0640 2 .! [h_begin_passthr, h_end_passthrou] :
516 U 0641 2 flgpas (.handler);
517 0642 2 %FI
518 0643 2
519 0644 2 [h_blank, h_break, h_page, h_skip, h_spacing, h_test_page] :
520 0645 2 carage (.handler);
521 0646 2
522 U 0647 2 %IF DSRPLUS %THEN
523 U 0648 2 [h_page_now]:
524 U 0649 2 carage (.handler);
525 0650 2 %FI
526 0651 2
527 0652 2 [h_variable] :
528 0653 2 vr (.handler);
529 0654 2
530 0655 2 [h_if, h_ifnot, h_else, h_endif] :
531 0656 2 ififne (.handler);
532 0657 2
533 0658 2 [h_date, h_no_date, h_first_title, h_subtitle,
534 0659 2 h_no_subtitle, h_title, h_autosubtitle, h_no_autosubtit,
535 0660 2 h_headers_lower, h_headers_on,
536 0661 2 h_headers_mixed, h_headers_upper, h_no_headers, h_no_number] :
537 0662 2 titles (.handler);
538 0663 2
539 U 0664 2 %IF DSRPLUS %THEN
540 U 0665 2 [h_autotitle, h_no_autotitle, h_first_title_a] :
541 U 0666 2 titles (.handler);
542 U 0667 2
543 U 0668 2 [h_number_footno, h_no_number_foo] :
544 U 0669 2 numfoo (.handler);
545 U 0670 2
546 U 0671 2 [h_enable_chapte, h_disable_chapt, h_enable_append,
547 U 0672 2 h_disable_appen, h_no_chapter] :
548 U 0673 2 header (.handler);
549 0674 2 %FI
550 0675 2
551 0676 2 [h_paging, h_no_paging] :
552 0677 2 panpa (.handler);
553 0678 2
554 0679 2 [h_set_date] :
555 0680 2 sefdat (.handler);
556 0681 2
557 0682 2 [h_set_time] :
558 0683 2 seftim (.handler);
559 0684 2
560 0685 2 [h_subpage, h_end_subpage] :
561 0686 2 subpag (.handler);
562 0687 2
563 0688 2 [h_layout] :
564 0689 2 layout (.handler);
565 0690 2
566 U 0691 2 %IF DSRPLUS %THEN

```

```

: 567      U 0692 2      [h_xplus, h_yplus] :
: 568      U 0693 2      makndx (.handler, .sca_index);
: 569      U 0694 2
: 570      U 0695 2      [h_enable_xplus, h_disable_xplus] :
: 571      U 0696 2      xplus (.handler);
: 572      U 0697 2
: 573      U 0698 2      [h_flags_nopermu, h_no_flags_nope] :
: 574      U 0699 2      oft (.handler, npx_flag);
: 575      U 0700 2 %FI
: 576      U 0701 2
: 577      U 0702 2      [inrange] :
: 578      U 0703 2      erm (rnfcs, .handler);
: 579      U 0704 2
: 580      U 0705 2      [outrange] :
: 581      U 0706 2      erm (rnfurr, .handler);
: 582      U 0707 2
: 583      U 0708 2      TES;
: 584      U 0709 2

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.....

```

586      0710 2 %SBTTL 'DOCM -- directive post-processing'
587      0711 2
588      0712 2     rskips (ira);                ! Trailing spaces and tabs are ok.
589      0713 2
590      U    0714 2 %IF DSRPLUS %THEN
591      U    0715 2 IF .fnct_numbering AND (.fnct_first_line EQL 2)
592      U    0716 2 THEN
593      U    0717 2     BEGIN
594      U    0718 2     |
595      U    0719 2     |     Reset the flag that triggered this action.
596      U    0720 2     |
597      U    0721 2     |     fnct_first_line = 0;
598      U    0722 2     |
599      U    0723 2     |     Set up the footnote number digits.
600      U    0724 2     |
601      U    0725 2     |     foonum ();
602      U    0726 2     |
603      U    0727 2     |     Write the footnote number in brackets.
604      U    0728 2     |
605      U    0729 2     |     endchr (%C'[');
606      U    0730 2     |
607      U    0731 2     |     IF .fnct_number_l NEQ 0 THEN endchr (.l_character);
608      U    0732 2     |
609      U    0733 2     |     endchr (.r_character);
610      U    0734 2     |     endchr (%C']');
611      U    0735 2     |     END;
612      U    0736 2 %FI
613      U    0737 2
614      U    0738 2 IF (.khar EQL rintes) OR
615      U    0739 2 (.khar EQL %C':') OR
616      U    0740 2 (.KHAR EQL .flgt [com_flag, flag_character])
617      U    0741 2 THEN
618      U    0742 2     RETURN;
619      U    0743 2
620      U    0744 2 IF .flgt [com_flag, flag_enabled] AND
621      U    0745 2 (.khar EQL .flgt[com_flag, flag_character])    ! Trailing comment?
622      U    0746 2 THEN
623      U    0747 2     |
624      U    0748 2     |     Skip trailing comment.
625      U    0749 2     |
626      U    0750 2     |     BEGIN
627      U    0751 2     |     endcmt ();
628      U    0752 2     |     RETURN;
629      U    0753 2     |     END;
630      U    0754 2
631      U    0755 2
632      U    0756 2 |
633      U    0757 2 |     The following code positions past any text still left after
634      U    0758 2 |     the command parameters have been processed. Such text should not have
635      U    0759 2 |     been there in the first place, and constitutes a syntax error.
636      U    0760 2 |
637      U    0761 2 |     erma (rnfjec, true);    ! Skip to end of command and issue message
638      U    0762 2 |     RETURN;
638      U    0762 2 |     END;
638      U    0762 2 |     ! End of DOCM

```

.TITLE DOCM DSR directive dispatcher  
.IDENT \V04-000\





02B3	02B3	02B3	02B3	000AB	93\$-6\$,-
03DC	01C4	01C4	03DC	000B3	12\$-6\$,-
03DC	03DC	01DA	03DC	000BB	93\$-6\$,-
03DC	01CF	03DC	03DC	000C3	93\$-6\$,-
01B9	03DC	01B9	03DC	000CB	80\$-6\$,-
03DC	0200	03DC	03DC	000D3	80\$-6\$,-
02B3	01EA	038F	03DC	000DB	17\$-6\$,-
03DC	02B3	02B3	02B3	000E3	31\$-6\$,-
01EA	038F	02B3	02B3	000EB	11\$-6\$,-
02AB	0271	03DC	0245	000F3	13\$-6\$,-
020B	03C6	03DC	0271	000FB	93\$-6\$,-
039A	0250	023A	023A	00103	86\$-6\$,-
0334	0330	032C	03DC	0010B	12\$-6\$,-
0344	0340	033C	0338	00113	41\$-6\$,-
0354	0350	034C	0348	0011B	41\$-6\$,-
035C	0358	03DC	03DC	00123	41\$-6\$,-
0368	032C	0364	0360	0012B	41\$-6\$,-
039A	039A	0245	036C	00133	41\$-6\$,-
03DC	03DC	039A	039A	0013B	41\$-6\$,-
02B3	03DC	03DC	027C	00143	93\$-6\$,-
020B	0224	038F	038F	0014B	8\$-6\$,-
0224	03D1	0250	0250	00153	8\$-6\$,-
02AB	025B	025B	022F	0015B	93\$-6\$,-
0321	0250	0266	0316	00163	93\$-6\$,-
03DC	03DC	0321	039A	0016B	10\$-6\$,-
032C	0250	039A	01F5	00173	93\$-6\$,-
033C	0338	0334	0330	0017B	93\$-6\$,-
034C	0348	0344	0340	00183	93\$-6\$,-
03DC	03DC	0354	0350	0018B	93\$-6\$,-
0364	0360	035C	0358	00193	9\$-6\$,-
039A	036C	0368	032C	0019B	93\$-6\$,-
0250	0250	02B3	03DC	001A3	93\$-6\$,-
02DF	03A5	03DC	039A	001AB	7\$-6\$,-
029D	029D	039A	0292	001B3	93\$-6\$,-
029D	03DC	03DC	03DC	001BB	7\$-6\$,-
029D	029D	029D	029D	001C3	93\$-6\$,-
022F	0379	03DC	029D	001CB	93\$-6\$,-
0200	02DF	0321	03A5	001D3	14\$-6\$,-
0224	02D2	02F5	02EA	001DB	93\$-6\$,-
03DC	02D2	02D2	022F	001E3	93\$-6\$,-
027C	03B0	03DC	02BE	001EB	84\$-6\$,-
0379	03BB	03DC	0321	001FB	12\$-6\$,-
03DC	03DC	0300	0379	001FB	41\$-6\$,-
0287	03DC	03DC	03DC	00203	41\$-6\$,-
03C6	020B	03DC	03DC	0020B	41\$-6\$,-
039A	0379	030B	039A	00213	41\$-6\$,-
03DC	0219	0384	0316	0021B	93\$-6\$,-
03DC	03DC	03DC	0219	00223	41\$-6\$,-
03DC	03DC	03DC	03DC	0022B	41\$-6\$,-
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		52	DD	00231	PUSHL	R2	0706
	00000000G	8F	DD	00233	PUSHL	#RNFURR	
		022B	31	00239	BRW	94\$	
00000000G	EF	52	DD	0023C	7\$: PUSHL	R2	0416
		01	FB	0023E	CALLS	#1, DSPPAG	
		7F	11	00245	BRB	20\$	
00000000G	EF	52	DD	00247	8\$: PUSHL	R2	0423
		01	FB	00249	CALLS	#1, DSPENT	
		7F	11	00250	BRB	22\$	
00000000G	EF	52	DD	00252	9\$: PUSHL	R2	0426
		01	FB	00254	CALLS	#1, DSPHL	
		7F	11	0025B	BRB	24\$	
00000000G	EF	52	DD	0025D	10\$: PUSHL	R2	0429
		01	FB	0025F	CALLS	#1, DLE	
		7F	11	00266	BRB	26\$	
	67	00	FB	00268	11\$: CALLS	#0, ENDCMT	0440
		7A	11	0026B	BRB	26\$	
		52	DD	0026D	12\$: PUSHL	R2	0443



7E 0000000G	EF	01	00	EF	00341	43\$:	EXTZV	#0, #1, GCA+124, -(SP)	0548	4
			52	DD	0034A		PUSHL	R2		4
	00000000G	EF	02	FB	0034C		CALLS	#2, STC		4
			58	11	00353	44\$:	BRB	60\$		4
			01	DD	00355	45\$:	PUSHL	#1	0556	4
			52	DD	00357		PUSHL	R2		4
	00000000G	EF	02	FB	00359		CALLS	#2, SAVRES		4
			4B	11	00360	46\$:	BRB	60\$		4
			52	DD	00362	47\$:	PUSHL	R2	0564	4
	00000000G	EF	01	FB	00364		CALLS	#1, PERIOD		4
			40	11	0036B	48\$:	BRB	60\$		4
			52	DD	0036D	49\$:	PUSHL	R2	0567	4
	00000000G	EF	01	FB	0036F		CALLS	#1, REPEAT		4
			35	11	00376	50\$:	BRB	60\$		4
			52	DD	00378	51\$:	PUSHL	R2	0570	4
	00000000G	EF	01	FB	0037A		CALLS	#1, REQ		4
			77	11	00381	52\$:	BRB	79\$		4
			52	DD	00383	53\$:	PUSHL	R2	0573	4
	00000000G	EF	01	FB	00385		CALLS	#1, STD		4
			77	11	0038C	54\$:	BRB	81\$		4
			52	DD	0038E	55\$:	PUSHL	R2	0576	4
	00000000G	EF	01	FB	00390		CALLS	#1, GTABS		4
			77	11	00397	56\$:	BRB	83\$		4
			52	DD	00399	57\$:	PUSHL	R2	0579	4
	00000000G	EF	01	FB	0039B		CALLS	#1, DOCASE		4
			77	11	003A2	58\$:	BRB	85\$		4
			52	DD	003A4	59\$:	PUSHL	R2	0583	4
	00000000G	EF	01	FB	003A6		CALLS	#1, PARAG		4
			77	11	003AD	60\$:	BRB	87\$		4
			7E	D4	003AF	61\$:	CLRL	-(SP)	0586	4
			3E	11	003B1		BRB	78\$		4
			08	DD	003B3	62\$:	PUSHL	#8	0589	4
			3A	11	003B5		BRB	78\$		4
			10	DD	003B7	63\$:	PUSHL	#16	0592	4
			36	11	003B9		BRB	78\$		4
			06	DD	003BB	64\$:	PUSHL	#6	0595	4
			32	11	003BD		BRB	78\$		4
			0E	DD	003BF	65\$:	PUSHL	#14	0598	4
			2E	11	003C1		BRB	78\$		4
			02	DD	003C3	66\$:	PUSHL	#2	0601	4
			2A	11	003C5		BRB	78\$		4
			01	DD	003C7	67\$:	PUSHL	#1	0604	4
			26	11	003C9		BRB	78\$		4
			0B	DD	003CB	68\$:	PUSHL	#11	0607	4
			22	11	003CD		BRB	78\$		4
			0A	DD	003CF	69\$:	PUSHL	#10	0610	4
			1E	11	003D1		BRB	78\$		4
			05	DD	003D3	70\$:	PUSHL	#5	0613	4
			1A	11	003D5		BRB	78\$		4
			0C	DD	003D7	71\$:	PUSHL	#12	0616	4
			16	11	003D9		BRB	78\$		4
			0F	DD	003DB	72\$:	PUSHL	#15	0619	4
			12	11	003DD		BRB	78\$		4
			03	DD	003DF	73\$:	PUS	#3	0622	4
			0E	11	003E1		BRB	78\$		4
			09	DD	003E3	74\$:	PUSHL	#9	0625	4
			0A	11	003E5		BRB	78\$		4

		00	DD	003E7	75\$:	PUSHL	#13		0628	
		06	11	003E9		BRB	78\$			
		07	DD	003EB	76\$:	PUSHL	#7		0634	
		02	11	003ED		BRB	78\$			
		04	DD	003EF	77\$:	PUSHL	#4		0637	
		52	DD	003F1	78\$:	PUSHL	R2			
00000000G	EF	02	FB	003F3		CALLS	#2	OFT		
		72	11	003FA	79\$:	BRB	95\$			
00000000G	EF	52	DD	003FC	80\$:	PUSHL	R2		0645	
		01	FB	003FE		CALLS	#1	CARAGE		
		67	11	00405	81\$:	BRB	95\$			
00000000G	EF	52	DD	00407	82\$:	PUSHL	R2		0653	
		01	FB	00409		CALLS	#1	VR		
		50	11	00410	83\$:	BRB	95\$			
00000000G	EF	52	DD	00412	84\$:	PUSHL	R2		0656	
		01	FB	00414		CALLS	#1	IFIFNE		
		51	11	0041B	85\$:	BRB	95\$			
00000000G	EF	52	DD	0041D	86\$:	PUSHL	R2		0662	
		01	FB	0041F		CALLS	#1	TITLES		
		46	11	00426	87\$:	BRB	95\$			
00000000G	EF	52	DD	00428	88\$:	PUSHL	R2		0677	
		01	FB	0042A		CALLS	#1	PANPA		
		3B	11	00431		BRB	95\$			
00000000C	EF	52	DD	00433	89\$:	PUSHL	R2		0680	
		01	FB	00435		CALLS	#1	SETDAT		
		30	11	0043C		BRB	95\$			
00000000G	EF	52	DD	0043E	90\$:	PUSHL	R2		0683	
		01	FB	00440		CALLS	#1	SETTIM		
		25	11	00447		BRB	95\$			
00000000G	EF	52	DD	00449	91\$:	PUSHL	R2		0686	
		01	FB	0044B		CALLS	#1	SUBPAG		
		1A	11	00452		BRB	95\$			
00000000G	EF	52	DD	00454	92\$:	PUSHL	R2		0689	
		01	FB	00456		CALLS	#1	LAYOUT		
		0F	11	0045D		BRB	95\$			
		52	DD	0045F	93\$:	PUSHL	R2		0703	
00000000G	EF	00000000G	8F	DD	00461	PUSHL	#RNF CNS			
			02	FB	00467	CALLS	#2, ERMN			
00000000G	EF		56	DD	0046E	94\$:	PUSHL	R6	0712	
			01	FB	00470	95\$:	CALLS	#1, RSKIPS		
00000000G	EF	00000000G	50	DO	00477	MOVL	KHAR, R0		0738	
			8F	D1	0047E	CMPL	R0, #RINTES			
			27	13	00485	BEQL	98\$			
			3B	50	D1	00487	CMPL	R0, #59	0739	
			22	13	0048A	BEQL	98\$			
			65	50	D1	0048C	CMPL	R0, FLGT+80	0740	
			1D	13	0048F	BEQL	98\$			
			0A	A5	E9	00491	BLBC	FLGT+56, 96\$	0744	
			30	A5	D1	00495	CMPL	R0, FLGT+128	0745	
			67	04	12	00499	BNEQ	96\$		
				00	FB	0049B	CALLS	#0, ENDCMT	0751	
					04	0049E	RET		0750	
				01	DD	0049F	96\$:	PUSHL	#1	0760
00000000G	EF	00000000G	8F	DD	004A1	PUSHL	#RNF JEC			
			02	FB	004A7	97\$:	CALLS	#2, ERMA		
			04	004AE	98\$:	RET			0762	



DOCM  
V04-000

DSR directive dispatcher  
DOCM -- directive post-processing

C 5  
16-Sep-1984 00:12:49  
14-Sep-1984 13:05:59

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]DOCM.BLI;1 Page 23  
(7)

: Routine Size: 1199 bytes, Routine Base: \$CODE\$ + 0000

: 639 0763 1  
: 640 0764 1 END ! End of module  
: 641 0765 0 ELUDOM

PSECT SUMMARY

Name Bytes Attributes  
\$CODE\$ 1199 NOVEC,NOWRT, RD, EXE,NO\$HR, 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	207	16	86	00:00.2

COMMAND QUALIFIERS

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

: Size: 1199 code + 0 data bytes  
: Run Time: 00:19.6  
: Elapsed Time: 00:48.5  
: Lines/CPU Min: 2337  
: Lexemes/CPU-Min: 8526  
: Memory Used: 251 pages  
: Compilation Complete



Thumbnail 1	Thumbnail 2	Thumbnail 3	Thumbnail 4	Thumbnail 5	Thumbnail 6	Thumbnail 7	Thumbnail 8	Thumbnail 9	Thumbnail 10	Thumbnail 11	Thumbnail 12
Thumbnail 13	Thumbnail 14	Thumbnail 15	Thumbnail 16	Thumbnail 17	Thumbnail 18	Thumbnail 19	Thumbnail 20	Thumbnail 21	Thumbnail 22	Thumbnail 23	Thumbnail 24
Thumbnail 25	Thumbnail 26	Thumbnail 27	Thumbnail 28	Thumbnail 29	Thumbnail 30	Thumbnail 31	Thumbnail 32	Thumbnail 33	Thumbnail 34	Thumbnail 35	Thumbnail 36
Thumbnail 37	Thumbnail 38	Thumbnail 39	Thumbnail 40	Thumbnail 41	Thumbnail 42	Thumbnail 43	Thumbnail 44	Thumbnail 45	Thumbnail 46	Thumbnail 47	Thumbnail 48
Thumbnail 49	Thumbnail 50	Thumbnail 51	Thumbnail 52	Thumbnail 53	Thumbnail 54	Thumbnail 55	Thumbnail 56	Thumbnail 57	Thumbnail 58	Thumbnail 59	Thumbnail 60
Thumbnail 61	Thumbnail 62	Thumbnail 63	Thumbnail 64	Thumbnail 65	Thumbnail 66	Thumbnail 67	Thumbnail 68	Thumbnail 69	Thumbnail 70	Thumbnail 71	Thumbnail 72
Thumbnail 73	Thumbnail 74	Thumbnail 75	Thumbnail 76	Thumbnail 77	Thumbnail 78	Thumbnail 79	Thumbnail 80	Thumbnail 81	Thumbnail 82	Thumbnail 83	Thumbnail 84
Thumbnail 85	Thumbnail 86	Thumbnail 87	Thumbnail 88	Thumbnail 89	Thumbnail 90	Thumbnail 91	Thumbnail 92	Thumbnail 93	Thumbnail 94	Thumbnail 95	Thumbnail 96
Thumbnail 97	Thumbnail 98	Thumbnail 99	Thumbnail 100	Thumbnail 101	Thumbnail 102	Thumbnail 103	Thumbnail 104	Thumbnail 105	Thumbnail 106	Thumbnail 107	Thumbnail 108
Thumbnail 109	Thumbnail 110	Thumbnail 111	Thumbnail 112	Thumbnail 113	Thumbnail 114	Thumbnail 115	Thumbnail 116	Thumbnail 117	Thumbnail 118	Thumbnail 119	Thumbnail 120
Thumbnail 121	Thumbnail 122	Thumbnail 123	Thumbnail 124	Thumbnail 125	Thumbnail 126	Thumbnail 127	Thumbnail 128	Thumbnail 129	Thumbnail 130	Thumbnail 131	Thumbnail 132
Thumbnail 133	Thumbnail 134	Thumbnail 135	Thumbnail 136	Thumbnail 137	Thumbnail 138	Thumbnail 139	Thumbnail 140	Thumbnail 141	Thumbnail 142	Thumbnail 143	Thumbnail 144