


```

1 0001 0 %TITLE 'Process .[END ] SUBPAGE directives'
2 0002 0 MODULE SUBPAG (
3 0003 0 IDENT = 'V04-000'
4 P 0004 0 %BLISS32[
5 P 0005 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE,NONEXTERNAL=LONG_RELATIVE)
6 0006 0 ]
7 0007 0 ) =
8 0008 1 BEGIN
9 0009 1
10 0010 1 *****
11 0011 1 *
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29 0029 1 *
30 0030 1 *
31 0031 1 *****
32 0032 1
33 0033 1 ++
34 0034 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
35 0035 1
36 0036 1 ABSTRACT: Processes the following commands:
37 0037 1 .END SUBPAGE .SUBPAGE
38 0038 1
39 0039 1
40 0040 1 ENVIRONMENT: Transportable
41 0041 1
42 0042 1 AUTHOR: R.W.Friday CREATION DATE: November, 1978
43 0043 1

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: 45      0044 1 %SBTTL 'Revision History'
: 46      0045 1
: 47      0046 1 : MODIFIED BY:
: 48      0047 1
: 49      0048 1 :       005  REM00005      Ray Marshall      07-Mar-1983
: 50      0049 1 :       Global edit of all modules. Updated module names, idents,
: 51      0050 1 :       copyright dates. Changed require files to BLISS library.
: 52      0051 1 :
: 53      0052 1 : --
  
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55 0053 1 %SBTTL 'Module Level Declarations'
56 0054 1
57 0055 1 TABLE OF CONTENTS:
58 0056 1
59 0057 1
60 0058 1 INCLUDE FILES:
61 0059 1
62 0060 1
63 0061 1 LIBRARY 'NXPORT:XPORT';           ! XPORT Library
64 0062 1 REQUIRE 'REQ:RNODEF';         ! RUNOFF variant definitions
65 0193 1
66 U 0194 1 %IF DSRPLUS %THEN
67 U 0195 1 LIBRARY 'REQ:DPLLIB';         ! DSRPLUS BLISS Library
68 0196 1 %ELSE
69 0197 1 LIBRARY 'REQ:DSRLIB';         ! DSR BLISS Library
70 0198 1 %FI
71 0199 1
72 0200 1
73 0201 1 MACROS:
74 0202 1
75 0203 1
76 0204 1 EQUATED SYMBOLS:
77 0205 1
78 0206 1
79 0207 1 OWN STORAGE:
80 0208 1
81 0209 1
82 0210 1 EXTERNAL REFERENCES:
83 0211 1
84 0212 1
85 0213 1 EXTERNAL
86 0214 1 NPAGEN : PAGE_DEFINITION,
87 0215 1 PAGEN : PAGE_DEFINITION,
88 0216 1 PHAN : PHAN_DEFINITION;
89 0217 1
90 0218 1 EXTERNAL ROUTINE
91 0219 1 GCPAGE,
92 0220 1 OUTCRG;
93 0221 1

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95 0222 1 %SBTTL 'SUBPAG --'
96 0223 1 GLOBAL ROUTINE subpag (handler_code) : NOVALUE =
97 0224 1
98 0225 1 !++
99 0226 1 FUNCTIONAL DESCRIPTION:
100 0227 1
101 0228 1 See ABSTRACT, above.
102 0229 1
103 0230 1 FORMAL PARAMETERS:
104 0231 1
105 0232 1 Handler_code specifies which command is to be processed.
106 0233 1
107 0234 1 IMPLICIT INPUTS: None
108 0235 1
109 0236 1 IMPLICIT OUTPUTS: None
110 0237 1
111 0238 1 ROUTINE VALUE:
112 0239 1 COMPLETION CODES: None
113 0240 1
114 0241 1 SIDE EFFECTS: None
115 0242 1
116 0243 1 --
117 0244 1
118 0245 2 BEGIN
119 0246 2
120 0247 2 SELECTONE .HANDLER_CODE OF
121 0248 2 SET
122 0249 2
123 0250 2 [H_SUBPAGE] :
124 0251 2 BEGIN
125 0252 2 GCPAGE (); !Generate code for a new page;
126 0253 2 OUTCRG (); !Force top of page.
127 0254 2
128 0255 3 IF .NPAGEN [SCT_SUB_PAGE] EQL 0 THEN ! If not already turned on,
129 0256 4 BEGIN ! turn on subpaging
130 0257 4 NPAGEN [SCT_SUB_PAGE] = 1; !1 is 'A' in binary.
131 0258 4 NPAGEN [SCT_PAGE] = .PAGEN [SCT_PAGE];
132 0259 3 END;
133 0260 3
134 0261 3 !If at the top of the document, start subpaging immediately
135 0262 3 IF .PHAN_TOP_FIRST THEN
136 0263 4 BEGIN
137 0264 4 PAGEN [SCT_SUB_PAGE] = .NPAGEN [SCT_SUB_PAGE];
138 0265 4 NPAGEN [SCT_SUB_PAGE] = .NPAGEN [SCT_SUB_PAGE] + 1;
139 0266 3 END;
140 0267 3
141 0268 2 RETURN;
142 0269 2 END;
143 0270 2
144 0271 2 [H_END_SUBPAGE] :
145 0272 2 BEGIN
146 0273 2 GCPAGE (); !Generate code for a new page;
147 0274 2 OUTCRG (); !Force to top of new page.
148 0275 2 !Do not clear subpage counter yet -- until the page number
149 0276 2 ! is actually put out (version 1.124e).
150 0277 2 !!! PAGEN [SCT_SUB_PAGE] = 0; !Clear subpage counter.
151 0278 2 NPAGEN [SCT_SUB_PAGE] = 0; !....
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SUBPAG
V04-000

Process .[END] SUBPAGE directives
SUBPAG --

B 13
16-Sep-1984 01:51:53
14-Sep-1984 13:08:16

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]SUBPAG.BLI;1

Page 5
(4)

SUB
V04

: 152 0279 3
: 153 0280 3
: 154 0281 2
: 155 0282 2
: 156 0283 2
: 157 0284 1

NPAGEN [SCT_PAGE] = .PAGEN [SCT_PAGE] + 1;!...
RETURN;
END;
TES;
END;

!End of SUBPAG

.TITLE SUBPAG Process .[END] SUBPAGE directives
.IDENT \V04-000\

.EXTRN NPAGEN, PAGEN, PHAN
.EXTRN GCPAGE, OUTCRG

.PSECT \$CODE\$,NOWRT,2

			003C 00000	.ENTRY SUBPAG, Save R2,R3,R4,R5	: 0223
	55	00000000G	EF 9E 00002	MOVAB GCPAGE, R5	
	54	00000000G	EF 9E 00009	MOVAB OUTCRG, R4	
	53	00000000G	EF 9E 00010	MOVAB PAGEN+8, R3	
	52	00000000G	EF 9E 00017	MOVAB NPAGEN, R2	
	50	04	AC D0 0001E	MOVL HANDLER CODE, R0	: 0247
000000C8	8F		50 D1 00022	CMPL R0, #200	: 0250
			23 12 00029	BNEQ 2\$	
	65		00 FB 0002B	CALLS #0, GCPAGE	: 0252
	64		00 FB 0002E	CALLS #0, OUTCRG	: 0253
		02	A2 B5 00031	TSTW NPAGEN+2	: 0255
			08 12 00034	BNEQ 1\$	
02	A2		01 B0 00036	MOVW #1, NPAGEN+2	: 0257
08	A2		63 D0 0003A	MOVL PAGEN+8, NPAGEN+8	: 0258
	1C	00000000G	EF E9 0003E 1\$:	BLBC PHAN+24, 3\$: 0262
FA	A3	02	A2 B0 00045	MOVW NPAGEN+2, PAGEN+2	: 0264
		02	A2 B6 0004A	INCW NPAGEN+2	: 0265
			04 0004D	RET	: 0251
	3F		50 D1 0004F 2\$:	CMPL R0, #63	: 0271
			0E 12 00051	BNEQ 3\$	
	65		00 FB 00053	CALLS #0, GCPAGE	: 0273
	64		00 FB 00056	CALLS #0, OUTCRG	: 0274
		02	A2 B4 00059	CLRW NPAGEN+2	: 0278
08	A2		01 C1 0005C	ADDL3 #1, PAGEN+8, NPAGEN+8	: 0279
			04 00061 3\$:	RET	: 0284

; Routine Size: 98 bytes, Routine Base: \$CODE\$ + 0000

: 158 0285 1
: 159 0286 1 END
: 160 0287 0 ELUDOM

!End of module

PSECT SUMMARY

:	Name	Bytes	Attributes
:			
:			

: \$CODE\$ 98 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	00:00.1
_\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	8	0	86	00:00.3

COMMAND QUALIFIERS

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

: Size: 98 code + 0 data bytes
 : Run Time: 00:03.4
 : Elapsed Time: 00:12.4
 : Lines/CPU Min: 5125
 : Lexemes/CPU-Min: 15178
 : Memory Used: 35 pages
 : Compilation Complete

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