


```

1 0001 0 MODULE CONTRL (
2 0002 0 IDENT = 'V04-000'
3 P 0003 0 %BLISS32[
4 P 0004 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
5 0005 0 ]
6 0006 0 ) =
7 0007 1 BEGIN
8 0008 1
9 0009 1 *****
10 0010 1 *
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28 0028 1 *
29 0029 1 *
30 0030 1 *****
31 0031 1
32 0032 1 **
33 0033 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
34 0034 1
35 0035 1 ABSTRACT: Processes .CONTROL CHARACTERS, .NO CONTROL CHARACTERS, and
36 0036 1 .NO SPACE commands.
37 0037 1 Processing is divided up among two routines.
38 0038 1
39 0039 1
40 0040 1 ENVIRONMENT: Transportable
41 0041 1
42 0042 1 AUTHOR: R.W.Friday CREATION DATE: July, 1978
43 0043 1

```

Revision History

:	45	0044	1	%SBTTL 'Revision History'
:	46	0045	1	:
:	47	0046	1	MODIFIED BY:
:	48	0047	1	:
:	49	0048	1	003 KFA00003 Ken Alden 07-Ma -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	!--

Module Level Declarations

```

: 55      0053 1 %SBTTL 'Module Level Declarations'
: 56      0054 1
: 57      0055 1
: 58      0056 1 : TABLE OF CONTENTS:
: 59      0057 1 :
: 60      0058 1
: 61      0059 1 FORWARD ROUTINE
: 62      0060 1     CONTRL : NOVALUE,
: 63      0061 1     CONCAT : NOVALUE;
: 64      0062 1
: 65      0063 1 :
: 66      0064 1 : INCLUDE FILES:
: 67      0065 1 :
: 68      0066 1
: 69      0067 1 LIBRARY 'NXPORT:XPORT';           ! XPORT Library
: 70      0068 1 REQUIRE 'REQ:RNODEF';           ! RUNOFF variant definitions
: 71      0199 1
: 72      U 0200 1 %IF DSRPLUS %THEN
: 73      U 0201 1 LIBRARY 'REQ:DPLLIB';           ! DSRPLUS BLISS Library
: 74      0202 1 %ELSE
: 75      0203 1 LIBRARY 'REQ:DSRLIB';           ! DSR BLISS Library
: 76      0204 1 %FI
: 77      0205 1
: 78      0206 1 :
: 79      0207 1 : MACROS:
: 80      0208 1
: 81      0209 1
: 82      0210 1 : EQUATED SYMBOLS:
: 83      0211 1 :
: 84      0212 1 :
: 85      0213 1 : OWN STORAGE:
: 86      0214 1 :
: 87      0215 1 :
: 88      0216 1 : EXTERNAL REFERENCES:
: 89      0217 1 :
: 90      0218 1
: 91      0219 1 EXTERNAL
: 92      0220 1     GCA : GCA_DEFINITION,
: 93      0221 1     SCA : SCA_DEFINITION;
: 94      0222 1
: 95      0223 1 EXTERNAL LITERAL                   ! Error message
: 96      0224 1     RNFDNS;           ! .NO SPACE illegal in this context
: 97      0225 1
: 98      0226 1 EXTERNAL ROUTINE
: 99      0227 1     ERML;
: 100     0228 1

```

```

: 102 0229 1 GLOBAL ROUTINE CONTRL (HANDLER_CODE) : NOVALUE =      !
: 103 0230 1
: 104 0231 1 |++
: 105 0232 1 | FUNCTIONAL DESCRIPTION:
: 106 0233 1 |
: 107 0234 1 | Processes .CONTROL CHARACTERS and .NO CONTROL CHARACTERS commands
: 108 0235 1 |
: 109 0236 1 | FORMAL PARAMETERS:
: 110 0237 1 |
: 111 0238 1 |     HANDLER_CODE indicates which command is to be processed.
: 112 0239 1 |
: 113 0240 1 | IMPLICIT INPUTS:      None
: 114 0241 1 |
: 115 0242 1 | IMPLICIT OUTPUTS:     None
: 116 0243 1 |
: 117 0244 1 | ROUTINE VALUE:
: 118 0245 1 | COMPLETION CODES:    None
: 119 0246 1 |
: 120 0247 1 | SIDE EFFECTS: None
: 121 0248 1 |
: 122 0249 1 | --
: 123 0250 1 |
: 124 0251 2 | BEGIN
: 125 0252 2 |
: 126 0253 2 | IF
: 127 0254 2 |     .HANDLER_CODE EQL H_CONTROL_CHARA      !
: 128 0255 2 | THEN
: 129 0256 2 |     SCA_CC_OK = TRUE
: 130 0257 2 | ELSE
: 131 0258 2 |     SCA_CC_OK = FALSE;
: 132 0259 2 |
: 133 0260 1 | END;                                     !End of CONTRL

```

```

.TITLE  CONTRL
.IDENT  \V04-000\

.EXTRN  GCA, SCA, RNF DNS
.EXTRN  ERML

.PSECT  $CODE$,NOWRT,2

.ENTRY  CONTRL, Save nothing
CMPL   HANDLER_CODE, #15
BNEQ   1$
MOVL   #1, @SCA+108
RET
CLRL   @SCA+108
RET
: 0229
: 0254
:
: 0256
:
: 0258
: 0260

```

```

          0000 0000
OF      04   AC  D1 00002
          08  12 00006
0000000G FF  01  D0 00008
          04  0000F
          0000000G FF  D4 00010 1$:
          04  00016

```

: Routine Size: 23 bytes, Routine Base: \$CODE\$ + 0000

: 134 0261 1

```

: 136 0262 1 GLOBAL ROUTINE CONCAT (HANDLER_CODE) : NOVALUE =      !
: 137 0263 1
: 138 0264 1 !++
: 139 0265 1 ! FUNCTIONAL DESCRIPTION:
: 140 0266 1
: 141 0267 1 ! Processes the .NO SPACE command
: 142 0268 1
: 143 0269 1 ! FORMAL PARAMETERS:
: 144 0270 1
: 145 0271 1 !     HANDLER_CODE is not used; it's a dummy.
: 146 0272 1
: 147 0273 1 ! IMPLICIT INPUTS:      None
: 148 0274 1
: 149 0275 1 ! IMPLICIT OUTPUTS:     None
: 150 0276 1
: 151 0277 1 ! ROUTINE VALUE:
: 152 0278 1 ! COMPLETION CODES:     None
: 153 0279 1
: 154 0280 1 ! SIDE EFFECTS: None
: 155 0281 1
: 156 0282 1 ! --
: 157 0283 1
: 158 0284 2 BEGIN
: 159 0285 2
: 160 0286 2 IF .sca_cont
: 161 0287 2 THEN
: 162 0288 3 BEGIN ! .NO SPACE command is allowed.
: 163 0289 3 gca_concat = TRUE;
: 164 0290 3 END
: 165 0291 2 ELSE
: 166 0292 2 !A .NO SPACE command is illegal, since there is nothing to
: 167 0293 2 !concatenate the next text to.
: 168 0294 3 BEGIN
: 169 0295 3 ERML (RNFDNS);
: 170 0296 2 END;
: 171 0297 2
: 172 0298 1 END; !End of CONCAT

```

```

00000000G 08 00000000G EF 0000 0000 .ENTRY CONCAT, Save nothing : 0262
00000000G EF 01 D0 00002 E9 00002 BLBC SCA+164, 1$ : 0286
00000000G EF 01 DD 00009 04 00010 MOVL #1, GCA+48 : 0289
00000000G EF 01 DD 00011 1$ 04 0001E RET : 0286
00000000G EF 01 FB 00017 04 0001E PUSHL #RNFDNS : 0295
00000000G EF 01 FB 00017 04 0001E CALLS #1, ERML : 0298
00000000G EF 01 FB 00017 04 0001E RET

```

; Routine Size: 31 bytes. Routine Base: \$CODE\$ + 0017

```

: 173 0299 1
: 174 0300 1 END !End of module
: 175 0301 0 ELUDOM

```

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	54	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	10	0	86	00:00.3

COMMAND QUALIFIERS

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

: Size: 54 code + 0 data bytes
 : Run Time: 00:02.7
 : Elapsed Time: 00:10.9
 : Lines/CPU Min: 6713
 : Lexemes/CPU-Min: 10527
 : Memory Used: 22 pages
 : Compilation Complete

