



```

LL          SSSSSSSS UU    UU  BBBB BBBB  SSSSSSSS NN    NN
LL          SSSSSSSS UU    UU  BBBB BBBB  SSSSSSSS NN    NN
LL          SS          UU    UU  BB    BB   SS          NN    NN
LL          SS          UU    UU  BB    BB   SS          NN    NN
LL          SS          UU    UU  BB    BB   SS          NNNN   NN
LL          SS          UU    UU  BB    BB   SS          NNNN   NN
LL          SSSSSS    UU    UU  BBBB BBBB  SSSSSS    NN  NN  NN
LL          SSSSSS    UU    UU  BBBB BBBB  SSSSSS    NN  NN  NN
LL          SS        UU    UU  BB    BB   SS        NN  NNNN
LL          SS        UU    UU  BB    BB   SS        NN  NNNN
LL          SS        UU    UU  BB    BB   SS        NN  NN
LL          SS        UU    UU  BB    BB   SS        NN  NN
LLLLLLLLLL SSSSSSSS UUUUUUUUU BBBB BBBB  SSSSSSSS NN  NN  ....
LLLLLLLLLL SSSSSSSS UUUUUUUUU BBBB BBBB  SSSSSSSS NN  NN  ....

```

```

LL          IIIIII  SSSSSSSS
LL          IIIIII  SSSSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SSSSSS
LL          II      SSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLL IIIIII  SSSSSSSS

```



```

1 0001 0 %TITLE 'EDT$LSUBSN - SUBSTITUTE NEXT line-mode command'
2 0002 0 MODULE EDT$LSUBSN ( ! SUBSTITUTE NEX; line-mode command
3 0003 0 IDENT = 'V04-000' ! File: LSUBSN.BLI Edit: JBS1007
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: EDT -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 This module executes the line mode SUBSTITUTE NEXT command.
37 0037 1
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: February 3, 1978
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 30-JAN-1981. This module was created by
45 0045 1 extracting the routine EDT$$SUB_NXTCMD from the module EXEC.BLI.
46 0046 1 1-002 - Regularize headers. JBS 20-Mar-1981
47 0047 1 1-003 - Change SUBSTITUTE to EDT$$SUB_NXT. JBS 27-Mar-1981
48 0048 1 1-004 - Worry about string truncation. JBS 05-May-1982
49 0049 1 1-005 - Refresh the screen if this command is executed under EXT. JBS 07-Jul-1982
50 0050 1 1-006 - Put edt$$tst_eob in line. STS 22-Sep-1982
51 0051 1 1-007 - Remove EDT$$G_SCR_CHGD, not needed by new screen logic. JBS 09-Oct-1982
52 0052 1 --
53 0053 1

```

ED:  
VO:

```
.. 55      0054 1 %SBTTL 'Declarations'  
.. 56      0055 1  
.. 57      0056 1 : TABLE OF CONTENTS:  
.. 58      0057 1 :  
.. 59      0058 1  
.. 60      0059 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 61      0498 1  
.. 62      0499 1 FORWARD ROUTINE  
.. 63      0500 1     EDT$$SUB_NXTCMD : NOVALUE;           ! Process the SUBSTITUTE NEXT command  
.. 64      0501 1  
.. 65      0502 1 :  
.. 66      0503 1 : INCLUDE FILES:  
.. 67      0504 1 :  
.. 68      0505 1  
.. 69      0506 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 70      0641 1  
.. 71      0642 1 :  
.. 72      0643 1 : MACROS:  
.. 73      0644 1 :  
.. 74      0645 1 :     NONE  
.. 75      0646 1 :  
.. 76      0647 1 : EQUATED SYMBOLS:  
.. 77      0648 1 :  
.. 78      0649 1 :     NONE  
.. 79      0650 1 :  
.. 80      0651 1 : OWN STORAGE:  
.. 81      0652 1 :  
.. 82      0653 1 :     NONE  
.. 83      0654 1 :  
.. 84      0655 1 : EXTERNAL REFERENCES:  
.. 85      0656 1 :  
.. 86      0657 1 :     In the routine
```

```

88 0658 1 %SBTTL 'EDT$$$SUB_NXTCMD - SUBSTITUTE NEXT line-mode command'
89 0659 1
90 0660 1 GLOBAL ROUTINE EDT$$$SUB_NXTCMD          ! SUBSTITUTE NEXT line-mode command
91 0661 1   : NOVALUE =
92 0662 1
93 0663 1 !++
94 0664 1 ! FUNCTIONAL SPECIFICATION:
95 0665 1
96 0666 1     Command processing routine for SUBSTITUTE NEXT.  This command keeps
97 0667 1     trying to do a substitution until it succeeds.
98 0668 1
99 0669 1 ! FORMAL PARAMETERS:
100 0670 1
101 0671 1     NONE
102 0672 1
103 0673 1 ! IMPLICIT INPUTS:
104 0674 1
105 0675 1     EDTSSA_CUR_BUF
106 0676 1     EDTSSA_EXE_CURCMD
107 0677 1     EDTSSA_WK_CN
108 0678 1
109 0679 1 ! IMPLICIT OUTPUTS:
110 0680 1
111 0681 1     EDTSSG_EXE_SUBCNT
112 0682 1
113 0683 1 ! ROUTINE VALUE:
114 0684 1
115 0685 1     NONE
116 0686 1
117 0687 1 ! SIDE EFFECTS:
118 0688 1
119 0689 1     NONE
120 0690 1
121 0691 1 !--
122 0692 1
123 0693 2     BEGIN
124 0694 2
125 0695 2     EXTERNAL ROUTINE
126 0696 2     EDT$$SET_STR,
127 0697 2     EDT$$$SUB_NXT : NOVALUE,
128 0698 2     EDT$$RD_CURLN,
129 0699 2     EDT$$RD_NXTLN,
130 0700 2     EDT$$FMT_MSG : NOVALUE;
131 0701 2
132 0702 2     EXTERNAL
133 0703 2     EDTSSA_CUR_BUF : REF TBCB_BLOCK,
134 0704 2     EDTSSA_WK_CN : REF LIN_BLOCK,
135 0705 2     EDTSSZ_EOB_LN,
136 0706 2     EDTSSA_EXE_CURCMD : REF NODE_BLOCK,      ! Pointer to the current command.
137 0707 2     EDTSSG_EXE_SUBCNT;                          ! No. of substitutions done.
138 0708 2
139 0709 2     LOCAL
140 0710 2     STRINGS_OK;
141 0711 2
142 0712 2     MESSAGES ((INVSTR));
143 0713 2     STRINGS_OK = 1;
144 0714 2 !+

```

```

145 0715 2 | Check to see if new search and replace strings were specified and, if
146 0716 2 | they were, set them up.
147 0717 2 |
148 0718 2 |
149 0719 2 | IF (.EDT$$A_EXE_CURCMD [STR_PNT] NEQ 0) THEN STRINGS_OK = EDT$$SET_STR ();
150 0720 2 |
151 0721 2 | +
152 0722 2 | Zero the substitute count.
153 0723 2 |
154 0724 2 | EDT$$G_EXE_SUBCNT = 0;
155 0725 2 | +
156 0726 2 | Make sure we are correctly positioned at the current line.
157 0727 2 |
158 0728 2 | EDT$$RD_CURLN ();
159 0729 2 | +
160 0730 2 | Loop until a substitution is done or the end of buffer is encountered.
161 0731 2 |
162 0732 2 |
163 0733 2 | WHILE ((.EDT$$A_WK_LN NEQA EDT$$Z_EOB_LN) AND (.EDT$$G_EXE_SUBCNT EQL 0) AND .STRINGS_OK) DO
164 0734 2 | BEGIN
165 0735 2 | +
166 0736 2 | Attempt a single substition on this line starting at the cursor
167 0737 2 | position.
168 0738 2 |
169 0739 2 | EDT$$SUB_NXT (1, .EDT$$A_CUR_BUF [TBCB_CHAR_POS]);
170 0740 2 | +
171 0741 2 | If no substitutions were performed, try again on the next line.
172 0742 2 |
173 0743 2 |
174 0744 2 | IF (.EDT$$G_EXE_SUBCNT EQL 0) THEN EDT$$RD_NXTLN ();
175 0745 2 |
176 0746 2 | END;
177 0747 2 |
178 0748 2 | IF ( NOT .STRINGS_OK) THEN EDT$$FMT_MSG (EDT$_INVSTR);
179 0749 2 |
180 0750 1 | END;

```

! of routine EDT\$\$SUB\_NXTCMD

```

.TITLE EDT$LSUBSN EDT$LSUBSN - SUBSTITUTE NEXT line-mode command
.IDENT \V04-000\
.EXTRN EDT$$SET_STR, EDT$$SUB_NXT
.EXTRN EDT$$RD_CURLN, EDT$$RD_NXTLN
.EXTRN EDT$$FMT_MSG, EDT$$A_CUR_BUF
.EXTRN EDT$$A_WK_LN, EDT$$Z_EOB_LN
.EXTRN EDT$$A_EXE_CURCMD
.EXTRN EDT$$G_EXE_SUBCNT
.EXTRN EDT$_INVSTR
.PSECT _EDT$CODE, NOWRT, SHR, PIC, 2
.ENTRY EDT$$SUB_NXTCMD, Save R2, R3 : 0660
MOVAB EDT$$G_EXE_SUBCNT, R3 : 0713
MOVL #1, STRINGS_OK : 0719
MOVL EDT$$A_EXE_CURCMD, R0
TSTL 8(R0)

```

```

000C 00000
53 0000000G 00 9E 00002
52 01 D0 00009
50 0000C000G 00 D0 0000C
08 A0 D5 00013

```

00000000G	00	0A 13 00016	BEQL	1\$	:
	52	00 FB 00018	CALLS	#0, EDT\$\$SET_STR	:
		50 D0 0001F	MOVL	RO, STRINGS_OK	:
00000000G	00	63 D4 00022 1\$:	CLRL	EDT\$\$G_EXE_SUBCNT	0724
		00 FB 00024	CALLS	#0, EDT\$\$RD_CURLN	0728
	50 00000000G	00 9E 0002B 2\$:	MOVAB	EDT\$\$Z_EOB_CN, RO	0733
	50 00000000G	00 D1 00032	CML	EDT\$\$A_WK_CN, RO	:
		28 13 00039	BEQL	3\$	:
		63 D5 0003B	TSTL	EDT\$\$G_EXE_SUBCNT	:
		24 12 0003D	BNEQ	3\$	:
	24	52 E9 0003F	BLBC	STRINGS_OK, 4\$	:
	50 00000000G	00 D0 00042	MOVL	EDT\$\$A_CUR_BUF, RO	0739
	7E 0C	A0 3C 00049	MOVZWL	12(RO), -(SP)	:
		01 DD 0004D	PUSHL	#1	:
00000000G	00	02 FB 0004F	CALLS	#2, EDT\$\$SUB_NXT	:
		63 D5 00056	TSTL	EDT\$\$G_EXE_S0BCNT	0744
		D1 12 00058	BNEQ	2\$	:
00000000G	00	00 FB 0005A	CALLS	#0, EDT\$\$RD_NXTLN	:
		C8 11 00061	BRB	2\$	0733
	0D	52 E8 00063 3\$:	BLBS	STRINGS_OK, 5\$	0748
	00000000G	8F DD 00066 4\$:	PUSHL	#EDT\$ INVSTR	:
00000000G	00	01 FB 0006C	CALLS	#1, EDT\$\$FMT_MSG	:
		04 00073 5\$:	RET		0750

: Routine Size: 116 bytes, Routine Base: \_EDT\$CODE + 0000

: 181 0751 1  
: 182 0752 1 !<BLF/PAGE>

: 184 0753 1 END ! of module EDT\$LSUBSN  
 : 185 0754 1  
 : 186 0755 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	116	NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	82	21	40	00:00.2
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:LSUBSN/OBJ=OBJ\$:LSUBSN MSRC\$:LSUBSN.BLI/UPDATE=(ENH\$:LSUBSN)

: Size: 116 code + 0 data bytes  
 : Run Time: 00:11.5  
 : Elapsed Time: 00:14.0  
 : Lines/CPU Min: 3928  
 : Lexemes/CPU-Min: 11505  
 : Memory Used: 83 pages  
 : Compilation Complete

