


```

MM      MM      CCCCCCCC  CCCCCCCC  HH      HH      AAAAAA  NN      NN      GGGGGGGG  FEEEEEEEEEE
MM      MM      CCCCCCCC  CCCCCCCC  HH      HH      AAAAAA  NN      NN      GGGGGGGG  FEEEEEEEEEE
MMMM    MMMM    CC          CC          HH      HH      AA      AA  NN      NN      GG          EE
MMMM    MMMM    CC          CC          HH      HH      AA      AA  NN      NN      GG          EE
MM      MM      CC          CC          HH      HH      AA      AA  NNNN    NN      GG          EE
MM      MM      CC          CC          HH      HH      AA      AA  NNNN    NN      GG          EE
MM      MM      CC          CC          HHHHHHHHHH AA      AA  NN      NN      GG          FEEEEEEEE
MM      MM      CC          CC          HHHHHHHHHH AA      AA  NN      NN      GG          FEEEEEEEE
MM      MM      CC          CC          HH      HH      AAAAAAAAAA NN      NNNN    GG      GGGGGG  EE
MM      MM      CC          CC          HH      HH      AAAAAAAAAA NN      NNNN    GG      GGGGGG  EE
MM      MM      CC          CC          HH      HH      AA      AA  NN      NN      GG          EE
MM      MM      CC          CC          HH      HH      AA      AA  NN      NN      GG          EE
MM      MM      CCCCCCCC  CCCCCCCC  HH      HH      AA      AA  NN      NN      GGGGGG  FEEEEEEEEEE
MM      MM      CCCCCCCC  CCCCCCCC  HH      HH      AA      AA  NN      NN      GGGGGG  FEEEEEEEEEE

```

```

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      IIIIII  SSSSSSSS
LLLLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLLLL IIIIII  SSSSSSSS

```



```

1 0001 0 XTITLE 'EDTSMCCHANGE - replace a changed line'
2 0002 0 MODULE EDTSMCCHANGE ( ! replace a changed line
3 0003 0 IDENT = 'V04-000' ! File: MCCHANGE.BLI Edit: JBS1004
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
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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 Replace a changed line.
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: September 9, 1979
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 19-FEB-1981. This module was created by
45 0045 1 extracting routine EDT$$RPL CHGDLN from module MOVCUR.
46 0046 1 1-002 - Regularize headers. JBS 11-Mar-1981
47 0047 1 1-003 - Put edt$$tst_eob in line. STS 22-Sep-1982
48 0048 1 1-004 - Improve the appearance of the listing. JBS 17-Jun-1983
49 0049 1
50 0050 1

```

```
.. 52 0051 1 %SBTTL 'Declarations'  
.. 53 0052 1  
.. 54 0053 1 : TABLE OF CONTENTS:  
.. 55 0054 1 :  
.. 56 0055 1  
.. 57 0056 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 58 0495 1  
.. 59 0496 1 FORWARD ROUTINE  
.. 60 0497 1 EDT$$RPL_CHGDLN : NOVALUE;  
.. 61 0498 1  
.. 62 0499 1 :  
.. 63 0500 1 : INCLUDE FILES:  
.. 64 0501 1 :  
.. 65 0502 1  
.. 66 0503 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 67 0638 1  
.. 68 0639 1 :  
.. 69 0640 1 : MACROS:  
.. 70 0641 1 :  
.. 71 0642 1 : NONE  
.. 72 0643 1 :  
.. 73 0644 1 : EQUATED SYMBOLS:  
.. 74 0645 1 :  
.. 75 0646 1 : NONE  
.. 76 0647 1 :  
.. 77 0648 1 : OWN STORAGE:  
.. 78 0649 1 :  
.. 79 0650 1 : NONE  
.. 80 0651 1 :  
.. 81 0652 1 : EXTERNAL REFERENCES:  
.. 82 0653 1 :  
.. 83 0654 1 : In the routine
```

```
85 0655 1 %SBTTL 'EDTSSRPL_CHGDLN - replace a changed line'
86 0656 1
87 0657 1 GLOBAL ROUTINE EDTSSRPL_CHGDLN ! replace a changed line
88 0658 1 : NOVALUE =
89 0659 1
90 0660 1 !++
91 0661 1 ! FUNCTIONAL DESCRIPTION:
92 0662 1 !
93 0663 1 ! This routine replaces the current line in the work file if it has changed.
94 0664 1 !
95 0665 1 ! FORMAL PARAMETERS:
96 0666 1 !
97 0667 1 ! NONE
98 0668 1 !
99 0669 1 ! IMPLICIT INPUTS:
100 0670 1 !
101 0671 1 ! EDTSSG_LN_CHGD
102 0672 1 ! EDTSST_LN_BUF
103 0673 1 ! EDTSSG_LN_LEN
104 0674 1 !
105 0675 1 ! IMPLICIT OUTPUTS:
106 0676 1 !
107 0677 1 ! EDTSSG_LN_CHGD
108 0678 1 !
109 0679 1 ! ROUTINE VALUE:
110 0680 1 !
111 0681 1 ! NONE
112 0682 1 !
113 0683 1 ! SIDE EFFECTS:
114 0684 1 !
115 0685 1 ! NONE
116 0686 1 !
117 0687 1 ! --
118 0688 1 !
119 0689 2 BEGIN
120 0690 2
121 0691 2 EXTERNAL ROUTINE
122 0692 2 EDTSSRPL_LN;
123 0693 2
124 0694 2 EXTERNAL
125 0695 2 EDTSSG_LN_CHGD, ! Indicates current line has changed.
126 0696 2 EDTSSA_WK_LN : REF LIN_BLOCK,
127 0697 2 EDTSSZ_EOB_LN,
128 0698 2 EDTSST_LN_BUF, ! Current line buffer.
129 0699 2 EDTSSG_LN_LEN; ! Length of current line.
130 0700 2
131 0701 2 !+
132 0702 2 ! Check the change flag.
133 0703 2 !-
134 0704 2
135 0705 2 IF (.EDTSSG_LN_CHGD NEQ 0)
136 0706 2 THEN
137 0707 2 BEGIN
138 0708 2 !+
139 0709 2 ! Line has changed, replace it unless it is EOB.
140 0710 2 !-
141 0711 2
```

EDTSMCCHANGE
V04-000

EDTSMCCHANGE - replace a changed line
EDTSSRPL_CHGDLN - replace a changed line

G 8
16-Sep-1984 01:09:39
14-Sep-1984 12:23:53

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]MCCHANGE.BLI;1 (3) Page 4

```

: 142      0712 3      IF (.EDTSSA_WK_LN NEQA EDTSSZ_EOB_LN) THEN EDTSSRPL_LN (EDTSSST_LN_BUF, .EDTSSG_LN_LEN);
: 143      0713
: 144      0714
: 145      0715      + And turn the change flag off
: 146      0716      -
: 147      0717      EDTSSG_LN_CHGD = 0;
: 148      0718      END;
: 149      0719
: 150      0720 1      END;

```

! of routine EDTSSRPL_CHGDLN

.TITLE EDTSMCCHANGE EDTSMCCHANGE - replace a changed l
ine

.IDENT \V04-000\

```

.EXTRN EDTSSRPL_LN, EDTSSG_LN_CHGD
.EXTRN EDTSSA_WK_LN, EDTSSZ_EOB_LN
.EXTRN EDTSSST_LN_BUF, EDTSSG_LN_LEN

```

.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

```

          0004 00000
52 00000000G 00 9 00002
          62 D 00009
          25 13 0000B
50 00000000G 00 9E 0000D
50 00000000G 00 D1 00014
          13 13 0001B
          00000000G 00 DD 0001D
          00000000G 00 9F 00023
00000000G 00 02 FB 00029
          62 D4 00030 1$:
          04 00032 2$:

```

```

.ENTRY EDTSSRPL_CHGDLN, Save R2      : 0657
MOVAB EDTSSG_LN_CHGD, R2
TSTL EDTSSG_LN_CHGD                  : 0705
BEQL 2$
MOVAB EDTSSZ_EOB_LN, R0              : 0712
CML EDTSSA_WK_LN, R0
BEQL 1$
PUSHL EDTSSG_LN_LEN
PUSHAB EDTSSST_LN_BUF
CALLS #2, EDTSSRPL_LN
CLRL EDTSSG_LN_CHGD                  : 0717
RET                                    : 0720

```

: Routine Size: 51 bytes, Routine Base: _EDT\$CODE + 0000

```

: 151      0721 1
: 152      0722 1 !<BLF/PAGE>

```

EDTSMCCHANGE
V04-000

EDTSMCCHANGE - replace a changed line
EDTSSRPL_CHGDLM - replace a changed line

M 8
16-Sep-1984 01:09:39
14-Sep-1984 12:23:53

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]MCCHANGE.BLI;1 (4)

EDT
V04

: 154 0723 1 END
: 155 0724 1
: 156 0725 0 ELUDOM

! of module EDTSMCCHANGE

PSECT SUMMARY

Name	Bytes	Attributes
_EDTSCODE	51	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	8	2	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\$:MCCHANGE/OBJ=OBJ\$:MCCHANGE MSRCS\$:MCCHANGE.BLI/UPDATE=(ENHS\$:MCCHANGE)

: Size: 51 code + 0 data bytes
: Run Time: 00:09.5
: Elapsed Time: 00:11.5
: Lines/CPU Min: 4593
: Lexemes/CPU-Min: 12152
: Memory Used: 57 pages
: Compilation Complete

S
R
E
L
L
C

0137 AH-BT13A-SE
VAX/VMS V4.0

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NOOPEN LIS	PRAPPNUM LIS	PRGETTOK LIS	PRISTOK LIS	LXCOM LIS	MAIN LIS	MCGUP LIS	PAUDIT LIS	PRGETCHR LIS					