


```
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AAAAAA   VV   VV   LL   IIIIII   NN   NN
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AAAAAA   VV   VV   LL   IIIIII   NN   NN
CC        HH   HH   MMMM  MMMM  SS        AA   AA   VV   VV   LL   II   NN   NN
CC        HH   HH   MMMM  MMMM  SS        AA   AA   VV   VV   LL   II   NN   NN
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   LL   II   NNNN  NN
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   LL   II   NNNN  NN
CC        HHHHHHHHHH  MM   MM   SSSSSS   AA   AA   VV   VV   LL   II   NN   NN
CC        HHHHHHHHHH  MM   MM   SSSSSS   AA   AA   VV   VV   LL   II   NN   NN
CC        HH   HH   MM   MM   SS        AAAAAAAAAA VV   VV   LL   II   NN   NNNN
CC        HH   HH   MM   MM   SS        AAAAAAAAAA VV   VV   LL   II   NN   NNNN
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   LL   II   NN   NN
CC        HH   HH   MM   MM   SS        AA   AA   VV   VV   LL   II   NN   NN
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AA   AA   VV   VV   LLLLLLLLLL IIIIII   NN   NN
CCCCCCCC HH   HH   MM   MM   SSSSSSSS   AA   AA   VV   VV   LLLLLLLLLL IIIIII   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        IIIIII   SSSSSSSS
LLLLLLLLLL IIIIII   SSSSSSSS
```

....
....
....



```

1 0001 0 %TITLE 'EDT$CHMSAVLIN - save a line'
2 0002 0 MODULE EDT$CHMSAVLIN ( ! Save a line
3 0003 0 IDENT = 'V04-000' ! File: CHMSAVLIN.BLI Edit: JBS1003
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 This module saves a line in the auxiliary buffer.
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: Unknown
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
45 0045 1 extracting the routine EDT$$SAV_LN from module CHANGE.BLI.
46 0046 1 1-002 - Regularize headers. JBS 03-Mar-1981
47 0047 1 1-003 - Improve the appearance of the listing. JBS 13-Jun-1983
48 0048 1 --
49 0049 1

```



```
.. 51      0050 1 %SBTTL 'Declarations'  
.. 52      0051 1 |  
.. 53      0052 1 | TABLE OF CONTENTS:  
.. 54      0053 1 |  
.. 55      0054 1 |  
.. 56      0055 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 57      0494 1 |  
.. 58      0495 1 FORWARD ROUTINE  
.. 59      0496 1     EDT$$SAV_LN : NOVALUE;  
.. 60      0497 1 |  
.. 61      0498 1 |  
.. 62      0499 1 | INCLUDE FILES:  
.. 63      0500 1 |  
.. 64      0501 1 |  
.. 65      0502 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 66      0637 1 |  
.. 67      0638 1 |  
.. 68      0639 1 | MACROS:  
.. 69      0640 1 |  
.. 70      0641 1 |     NONE  
.. 71      0642 1 |  
.. 72      0643 1 | EQUATED SYMBOLS:  
.. 73      0644 1 |  
.. 74      0645 1 |     NONE  
.. 75      0646 1 |  
.. 76      0647 1 | OWN STORAGE:  
.. 77      0648 1 |  
.. 78      0649 1 |     NONE  
.. 79      0650 1 |  
.. 80      0651 1 | EXTERNAL REFERENCES:  
.. 81      0652 1 |  
.. 82      0653 1 |     In the routine
```

! Save a line in the auxiliary buffer

```

: 84      0654 1 %SBTTL 'EDT$$$SAV_LN - save a line'
: 85      0655 1
: 86      0656 1 GLOBAL ROUTINE EDT$$$SAV_LN (
: 87      0657 1     LINE,
: 88      0658 1     LEN
: 89      0659 1     ) : NOVALUE =
: 90      0660 1
: 91      0661 1 !++
: 92      0662 1 ! FUNCTIONAL DESCRIPTION:
: 93      0663 1
: 94      0664 1     This routine saves a line to the auxiliary buffer if there is one.
: 95      0665 1     The routine is called by the deletes, and the aux buffer will be set
: 96      0666 1     if it is really a cut command rather than a delete.
: 97      0667 1
: 98      0668 1 ! FORMAL PARAMETERS:
: 99      0669 1
: 100     0670 1     LINE           Address of the line to save
: 101     0671 1
: 102     0672 1     LEN           Length of the line to save
: 103     0673 1
: 104     0674 1 ! IMPLICIT INPUTS:
: 105     0675 1
: 106     0676 1     EDT$$A_ALT_BUF
: 107     0677 1
: 108     0678 1 ! IMPLICIT OUTPUTS:
: 109     0679 1
: 110     0680 1     NONE
: 111     0681 1
: 112     0682 1 ! ROUTINE VALUE:
: 113     0683 1
: 114     0684 1     NONE
: 115     0685 1
: 116     0686 1 ! SIDE EFFECTS:
: 117     0687 1
: 118     0688 1     NONE
: 119     0689 1
: 120     0690 1 ! --
: 121     0691 1
: 122     0692 2     BEGIN
: 123     0693 2
: 124     0694 2     EXTERNAL ROUTINE
: 125     0695 2     EDT$$INS_LN,
: 126     0696 2     EDT$$RD_CURLN;
: 127     0697 2
: 128     0698 2     EXTERNAL
: 129     0699 2     EDT$$A_ALT_BUF : REF TBCB_BLOCK,
: 130     0700 2     EDT$$A_CUR_BUF : REF TBCB_BLOCK;
: 131     0701 2
: 132     0702 2     LOCAL
: 133     0703 2     SAVE_TBCB;
: 134     0704 2
: 135     0705 2 !+
: 136     0706 2 ! See if there is an aux buffer.
: 137     0707 2 !-
: 138     0708 2
: 139     0709 2     IF (.EDT$$A_ALT_BUF EQL 0) THEN RETURN;
: 140     0710 2

```



```

: 141      0711      2  | +
: 142      0712      2  | - Switch to the aux buffer.
: 143      0713      2  | -
: 144      0714      2  |   SAVE_TBCB = .EDT$$A_CUR_BUF;
: 145      0715      2  |   EDT$$A_CUR_BUF = .EDT$$A_ALT_BUF;
: 146      0716      2  | +
: 147      0717      2  | - Read the current line.
: 148      0718      2  | -
: 149      0719      2  |   EDT$$RD_CURLN ();
: 150      0720      2  | +
: 151      0721      2  | - Insert the line to be saved.
: 152      0722      2  | -
: 153      0723      2  |   EDT$$INS_LN (.LINE, .LEN);
: 154      0724      2  | +
: 155      0725      2  | - And switch back to the main buffer.
: 156      0726      2  | -
: 157      0727      2  |   EDT$$A_CUR_BUF = .SAVE_TBCB;
: 158      0728      2  |   EDT$$RD_CURLN ();
: 159      0729      1  |   END;

```

! of routine EDT\$\$\$AV_LN

```

.TITLE EDT$CHMSAVLIN EDT$CHMSAVLIN - save a line
.IDENT \V04-000\
.EXTRN EDT$$INS_LN, EDT$$RD_CURLN
.EXTRN EDT$$A_ALT_BUF, EDT$$A_CUR_BUF
.PSECT _EDT$CODE, NOWRT, SHR, PIC, 2

```

```

          001C 00000
          54 00000000G 00 9E 00002
          53 00000000G 00 9E 00009
          50 00000000G 00 D0 00010
                   1A 13 00017
          52          63 D0 00019
          63          50 D0 0001C
          64          00 FB 0001F
          7E          04 AC 7D 00022
00000000G 00          02 FB 00026
          63          52 D0 0002D
          64          00 FB 00030
                   04 00033 1$:

```

```

.ENTRY EDT$$$AV_LN, Save R2,R3,R4      : 0656
MOVAB  EDT$$RD_CURLN, R4
MOVAB  EDT$$A_CUR_BUF, R3
MOVL   EDT$$A_ALT_BUF, R0
BEQL   1$
MOVL   EDT$$A_CUR_BUF, SAVE_TBCB      : 0714
MOVL   R0, EDT$$A_CUR_BUF              : 0715
CALLS  #0, EDT$$RD_CURLN                : 0719
MOVQ   LINE, -(SP)
CALLS  #2, EDT$$INS_LN                  : 0723
MOVL   SAVE_TBCB, EDT$$A_CUR_BUF       : 0727
CALLS  #0, EDT$$RD_CURLN                : 0728
RET                                       : 0729

```

; Routine Size: 52 bytes, Routine Base: _EDT\$CODE + 0000

```

: 160      0730      1
: 161      0731      1 !<BLF/PAGE>

```

EDT\$CHMSAVLIN
V04-000

EDT\$CHMSAVLIN - save a line
EDT\$\$\$SAV_LN - save a line

D 9
16-Sep-1984 00:09:28
14-Sep-1984 12:22:43

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMSAVLIN.BLI;1

Page 5
(4)

: 163 0732 1 END
: 164 0733 1
: 165 0734 0 ELUDOM

! of module EDT\$CHMSAVLIN

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	52	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	24	6	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\$:CHMSAVLIN/OBJ=OBJ\$:CHMSAVLIN MSRC\$:CHMSAVLIN.BLI/UPDATE=(ENH\$:CHMSAVLIN)

: Size: 52 code + 0 data bytes
: Run Time: 00:09.7
: Elapsed Time: 00:12.3
: Lines/CPU Min: 4535
: Lexemes/CPU-Min: 12092
: Memory Used: 61 pages
: Compilation Complete

CHMMRKCHG LIS	CHMPARSEN LIS	CHMSELPOS LIS	CHMSPLLIN LIS	DATA LIS
CHMUNDEL LIS	COMMAND LIS	CHMONSTR LIS	CHMSAVPOS LIS	CHMSCHSTR LIS
CHMREPOS LIS	CHMMESS LIS	CHMPASTE LIS	CHMSENDEL LIS	CHMTADJ LIS
CHMSAVTXT LIS	CHMNEWLEN LIS	CHMPARSE LIS	CHMSAVLIN LIS	CLRKEY LIS
CHMSUBS LIS				