


```

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

```

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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
LLLLLLLLLL IIIIII   SSSSSSSS
LLLLLLLLLL IIIIII   SSSSSSSS

```

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....
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```

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 %SBTIL '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$$A_ACT_BUF, EDT$$A_CUR_BUF

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

```

			001C 00000	.ENTRY EDT\$\$\$AV_LN, Save R2,R3,R4	: 0656
54	00000000G	00	9E 00002	MOVAB EDT\$\$RD_CURLN, R4	: :
53	00000000G	00	9E 00009	MOVAB EDT\$\$A_CUR_BUF, R3	: :
50	00000000G	00	D0 00010	MOVL EDT\$\$A_ALT_BUF, R0	: 0709
			1A 13 00017	BEQL 1\$: :
52		63	D0 00019	MOVL EDT\$\$A_CUR_BUF, SAVE_TBCB	: 0714
63		50	D0 0001C	MOVL R0, EDT\$\$A_CUR_BUF	: 0715
64		00	FB 0001F	CALLS #0, EDT\$\$RD_CURLN	: 0719
7E	04	AC	7D 00022	MOVQ LINE, -(SP)	: 0723
00000000G	00	02	FB 00026	CALLS #2, EDT\$\$INS_LN	: :
63		52	D0 0002D	MOVL SAVE_TBCB, EDT\$\$A_CUR_BUF	: 0727
64		00	FB 00030	CALLS #0, EDT\$\$RD_CURLN	: 0728
			04 00033 1\$:	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 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:22:43 [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 MSRCS:CHMSAVLIN.BLI/UPDATE=(ENHS:C
HMSAVLIN)

: 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

EDT\$
V04-

S
R
E
L
L
M
C

CHMMRKCHG LIS	CHMPARSEN LIS	CHMSAVPOS LIS	CHMSCHSTR LIS	CHMUNDEL LIS	COMMAND LIS	DATA LIS
CHMONSTR LIS	CHMSAVPOS LIS	CHMSCHSTR LIS	CHMREPOS LIS	CHMSENDER LIS		
CHMMESS LIS	CHMPASTE LIS	CHMSENDER LIS	CHMTAD LIS			
CHMNEWLEN LIS	CHMPARSE LIS	CHMSAVIN LIS	CHMSAVTXT LIS	CLRKEY LIS		
CHMSUBS LIS						