



```

CCCCCCCC  HH      HH  MM      MM  DDDDDDDD  EEEEEEEEE  LL      LL      IIIIII  NN      NN
CCCCCCCC  HH      HH  MM      MM  DDDDDDDD  EEEEEEEEE  LL      LL      IIIIII  NN      NN
CC        HH      HH  MMMM    MMMM  DD        DD  EE        LL      LL      II       NN      NN
CC        HH      HH  MMMM    MMMM  DD        DD  EE        LL      LL      II       NN      NN
CC        HH      HH  MM      MM  DD        DD  EE        LL      LL      II       NNNN    NN      NN
CC        HH      HH  MM      MM  UD        DD  EE        LL      LL      II       NNNN    NN      NN
CC        HHHHHHHHHH  MM      MM  DD        DD  EEEEEEE   LL      LL      II       NN      NN
CC        HHHHHHHHHH  MM      MM  DD        DD  EEEEEEE   LL      LL      II       NN      NN
CC        HH      HH  MM      MM  DD        DD  EE        LL      LL      II       NN      NN
CC        HH      HH  MM      MM  DD        DD  EE        LL      LL      II       NN      NN
CC        HH      HH  MM      MM  DD        DD  EE        LL      LL      II       NN      NN
CC        HH      HH  MM      MM  DD        DD  EE        LL      LL      II       NN      NN
CCCCCCCC  HH      HH  MM      MM  DDDDDDDD  EEEEEEEEE  LLLLLLLLLL  LLLLLLLLLL  IIIIII  NN      NN
CCCCCCCC  HH      HH  MM      MM  DDDDDDDD  EEEEEEEEE  LLLLLLLLLL  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        II      SS
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS

```

```

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

```



```

1 0001 0 %TITLE 'EDT$CHMDELLIN - delete lines'
2 0002 0 MODULE EDT$CHMDELLIN (           ! Delete Lines
3 0003 0                               ! File: CHMDELLIN.BLI Edit: JBS1009
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 deletes lines of text (change mode).
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 routine was created by
45 0045 1      extracting the routine DELETE_LINES from module CHANGE.BLI.
46 0046 1 1-002 - Regularize headers.  JBS 25-Feb-1981
47 0047 1 1-003 - Fix module name.  JBS 03-Mar-1981
48 0048 1 1-004 - Use the ASSERT macro.  JBS 01-Jun-1981
49 0049 1 1-005 - EDT$$SEL_RNGPOS has 3 values.  JBS 02-Jun-1981
50 0050 1 1-006 - Put in a check for control C so the 'working' message will flash
51 0051 1      during a long CUT command.  JBS 13-Jan-1982
52 0052 1 1-007 - New screen update logic.  JBS 13-Sep-1982
53 0053 1 1-008 - Remove the unused reference to EDT$$MRK LNCHG.  JBS 27-Dec-1982
54 0054 1 1-009 - Add a parameter to EDT$$COMB_LN.  JBS 28-Dec-1982
55 0055 1
56 0056 1

```

```
.. 58 0057 1 %SBTTL 'Declarations'  
.. 59 0058 1  
.. 60 0059 1 : TABLE OF CONTENTS:  
.. 61 0060 1 :  
.. 62 0061 1  
.. 63 0062 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 64 0501 1  
.. 65 0502 1 FORWARD ROUTINE  
.. 66 0503 1 EDT$$DEL_TXTLN : NOVALUE;  
.. 67 0504 1  
.. 68 0505 1 :  
.. 69 0506 1 : INCLUDE FILES:  
.. 70 0507 1 :  
.. 71 0508 1  
.. 72 0509 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 73 0644 1  
.. 74 0645 1 :  
.. 75 0646 1 : MACROS:  
.. 76 0647 1 :  
.. 77 0648 1 : NONE  
.. 78 0649 1 :  
.. 79 0650 1 : EQUATED SYMBOLS:  
.. 80 0651 1 :  
.. 81 0652 1 : NONE  
.. 82 0653 1 :  
.. 83 0654 1 : OWN STORAGE:  
.. 84 0655 1 :  
.. 85 0656 1 : NONE  
.. 86 0657 1 :  
.. 87 0658 1 : EXTERNAL REFERENCES:  
.. 88 0659 1 :  
.. 89 0660 1 : In the routine
```

! Delete whole lines of text

```

91 0661 1 %SBTTL 'EDT$$DEL_TXTLN - delete lines'
92 0662 1
93 0663 1 GLOBAL ROUTINE EDT$$DEL_TXTLN (
94 0664 1     NUM_LINES,
95 0665 1     END_POS
96 0666 1     ) : NOVALUE =
97 0667 1
98 0668 1 ++
99 0669 1 FUNCTIONAL DESCRIPTION:
100 0670 1
101 0671 1     This routine deletes text on NUM_LINES lines starting on the
102 0672 1     current line at EDT$$A_LN_PTR and going to the END_POS
103 0673 1     on the last line.
104 0674 1
105 0675 1 FORMAL PARAMETERS:
106 0676 1
107 0677 1     NUM_LINES           Number of lines to delete
108 0678 1
109 0679 1     END_POS             Place to stop on last line
110 0680 1
111 0681 1 IMPLICIT INPUTS:
112 0682 1
113 0683 1     EDT$$A_LN_PTR
114 0684 1     EDT$$L_SEC_LN
115 0685 1     EDT$$T_LN_BUF
116 0686 1     EDT$$A_LN_END
117 0687 1     EDT$$G_LN_LEN
118 0688 1     EDT$$L_LN00
119 0689 1
120 0690 1 IMPLICIT OUTPUTS:
121 0691 1
122 0692 1     NONE
123 0693 1
124 0694 1 ROUTINE VALUE:
125 0695 1
126 0696 1     NONE
127 0697 1
128 0698 1 SIDE EFFECTS:
129 0699 1
130 0700 1     NONE
131 0701 1
132 0702 1 --
133 0703 1
134 0704 2 BEGIN
135 0705 2
136 0706 2 EXTERNAL ROUTINE
137 0707 2     EDT$$DEL_CHS : NOVALUE,
138 0708 2     EDT$$COMB_LN : NOVALUE,
139 0709 2     EDT$$CS_DWN,
140 0710 2     EDT$$GET_TXTLN,
141 0711 2     EDT$$SAV_LN : NOVALUE,
142 0712 2     EDT$$SC_DELLN,
143 0713 2     EDT$$DEC_CURLN,
144 0714 2     EDT$$CHK_CC;
145 0715 2
146 0716 2 EXTERNAL
147 0717 2     EDT$$T_LN_BUF,

```

! Delete lines  
! Number of lines to delete  
! Place to stop  
  
! Current line buffer

```

: 148      0715 2      EDT$$A_LN_END,      ! End of current line pointer
: 149      0719 2      EDT$$G_LN_LEN,      ! Length of current line
: 150      0720 2      EDT$$A_LN_PTR;      ! Current character pointer
: 151      0721 2
: 152      0722 2      LOCAL
: 153      0723 2      LC;
: 154      0724 2
: 155      0725 2      !+
: 156      0726 2      ! Handle the first line.
: 157      0727 2      !-
: 158      0728 2      LC = .EDT$$A_LN_END;
: 159      0729 2
: 160      0730 2      IF (.NUM_LINES EQL 1) THEN LC = .END_POS;
: 161      0731 2
: 162      0732 2      EDT$$DEL_CHS (.EDT$$A_LN_PTR, .LC);
: 163      0733 2      !+
: 164      0734 2      ! Now, if there are more, loop though the middle ones.
: 165      0735 2      !-
: 166      0736 2
: 167      0737 3      IF (.NUM_LINES GTR 1)
: 168      0738 2      THEN
: 169      0739 3      BEGIN
: 170      0740 3      EDT$$CS_DWN ();
: 171      0741 3
: 172      0742 3      INCR I FROM 3 TO .NUM_LINES DO
: 173      0743 4      BEGIN
: 174      0744 4      !+
: 175      0745 4      ! We check for a control C here, not because we wish to terminate
: 176      0746 4      ! the process if a control C is typed but only to make sure the
: 177      0747 4      ! 'working' message flashes during a long CUT command.
: 178      0748 4      !-
: 179      0749 4      EDT$$CHK_CC ();
: 180      0750 4      !+
: 181      0751 4      ! Delete the entire line.
: 182      0752 4      !-
: 183      0753 4      EDT$$SAV_LN (EDT$$T_LN_BUF, .EDT$$G_LN_LEN);
: 184      0754 4      EDT$$DEL_CURLN ();
: 185      0755 4      EDT$$GET_TXTLN ();
: 186      0756 3      END;
: 187      0757 3
: 188      0758 3      !+
: 189      0759 3      ! Handle the last line.
: 190      0760 3      !-
: 191      0761 3      EDT$$DEL_CHS (.EDT$$A_LN_PTR, .END_POS);
: 192      0762 3      !+
: 193      0763 3      ! And combine the various fragments.
: 194      0764 3      !-
: 195      0765 3      EDT$$COMB_LN (1);
: 196      0766 2      END;
: 197      0767 2
: 198      0768 1      END;

```

! of routine EDT\$\$DEL\_TXTLN

```

.TITLE EDT$CHMDELLIN EDT$CHMDELLIN - delete lines
.IDENT \V04-000\
.EXTRN EDT$$DEL_CHS, EDT$$COMB_LN

```

EDT\$CHMDELLIN  
V04-000

EDT\$CHMDELLIN - delete lines  
EDT\$\$DEL\_TXTLN - delete lines

L 15  
15-Sep-1984 23:49:36  
14-Sep-1984 12:22:25

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

Page 5  
(3)

					.EXTRN	EDT\$\$CS_DWN, EDT\$\$GET_TXTLN	
					.EXTRN	EDT\$\$SAV_LN, EDT\$\$SC_DELLN	
					.EXTRN	EDT\$\$DEL_CURLN, EDT\$\$CHK_CC	
					.EXTRN	EDT\$\$T_LN_BUF, EDT\$\$A_LN_END	
					.EXTRN	EDT\$\$G_LN_LEN, EDT\$\$A_LN_PTR	
					.PSECT	_EDT\$CODE, NOWRT, SHR, PIC, 2	
					.ENTRY	EDT\$\$DEL_TXTLN, Save R2, R3, R4	: 0663
54	00000000G	00	001C 00000		MOVAB	EDT\$\$DEL_CHS, R4	: .....
53	00000000G	00	9E 00002		MOVAB	EDT\$\$A_LN_PTR, R3	: .....
50	00000000G	00	D0 00010		MOVL	EDT\$\$A_LN_END, LC	: 0728
01	04	AC	D1 00017		CMPL	NUM_LINES, #1	: 0730
			04 12 0001B		BNEQ	1\$	
50	08	AC	D0 0001D		MOVL	END_POS, LC	
			50 DD 00021	1\$:	PUSHL	LC	: 0732
			63 DD 00023		PUSHL	EDT\$\$A_LN_PTR	: .....
64		02	FB 00025		CALLS	#2, EDT\$\$DEL_CHS	
01	04	AC	D1 00028		CMPL	NUM_LINES, #T	: 0737
			4A 15 0002C		BLEQ	4\$	
00000000G	00	00	FB 0002E		CALLS	#0, EDT\$\$CS_DWN	: 0740
			02 D0 00035		MOVL	#2, I	: 0742
			28 11 00038		BRB	3\$	
00000000G	00	00	FB 0003A	2\$:	CALLS	#0, EDT\$\$CHK_CC	: 0749
			00 DD 00041		PUSHL	EDT\$\$G_LN_LEN	: 0753
			00 9F 00047		PUSHAB	EDT\$\$T_LN_BUF	: .....
00000000G	00	02	FB 0004D		CALLS	#2, EDT\$\$SAV_LN	
00000000G	00	00	FB 00054		CALLS	#0, EDT\$\$DEL_CURLN	: 0754
00000000G	00	00	FB 0005B		CALLS	#0, EDT\$\$GET_TXTLN	: 0755
D3	52	04	AC F3 00062	3\$:	AOBLEQ	NUM_LINES, I, 2\$	: 0742
			08 AC DD 00067		PUSHL	END_POS	: 0761
			63 DD 0006A		PUSHL	EDT\$\$A_LN_PTR	: .....
			02 FB 0006C		CALLS	#2, EDT\$\$DEL_CHS	
			01 DD 0006F		PUSHL	#1	: 0765
00000000G	00	01	FB 00071		CALLS	#1, EDT\$\$COMB_LN	
			04 00078	4\$:	RET		: 0768

: Routine Size: 121 bytes, Routine Base: \_EDT\$CODE + 0000

: 199 0769 1  
: 200 0770 1 !<BLF/PAGE>

EDT\$CHMDELLIN  
V04-000

EDT\$CHMDELLIN - delete lines  
EDT\$\$DEL\_TXTLN - delete lines

M 15  
15-Sep-1984 23:49:36 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 12:22:25 [EDT.SRC]CHMDELLIN.BLI;1

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(4)

: 202 0771 1 END  
: 203 0772 1  
: 204 0773 0 ELUDOM

! of module EDT\$CHMDELCHR

PSECT SUMMARY

Name Bytes Attributes  
:\_EDT\$CODE 121 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	0	0	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\$:CHMDELLIN/OBJ=OBJ\$:CHMDELLIN MSRC\$:CHMDELLIN.BLI/UPDATE=(ENH\$:C  
HMDPELLIN)

: Size: 121 code + 0 data bytes  
: Run Time: 00:11.2  
: Elapsed Time: 00:14.1  
: Lines/CPU Min: 4137  
: Lexemes/CPU-Min: 10763  
: Memory Used: 69 pages  
: Compilation Complete



