


```

WW      WW  FFFFFFFF  DDDDDDD  EEEEEEEEE  LL      LL      IIIIII  NN      NN
WW      WW  FFFFFFFF  DDDDDDD  EEEEEEEEE  LL      LL      IIIIII  NN      NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NN      NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NN      NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NNNN   NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NNNN   NN
WW      WW  FFFFFFFF  DD      DD  EEEEEEE   LL      LL      II       NN  NN  NN
WW      WW  FFFFFFFF  DD      DD  EEEEEEE   LL      LL      II       NN  NN  NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NN      NNNN
WW      WW  FF          DD      DD  EE          LL      LL      II       NN      NNNN
WWW     WWW  FF          DD      DD  EE          LL      LL      II       NN      NN
WWW     WWW  FF          DD      DD  EE          LL      LL      II       NN      NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NN      NN
WW      WW  FF          DD      DD  EE          LL      LL      II       NN      NN

```

```

LL      IIIIII  SSSSSSS
LL      IIIIII  SSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSS
LL      II      SSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLL  IIIIII  SSSSSSS
LLLLLLLL  IIIIII  SSSSSSS

```

.....

```

1 0001 0 %TITLE 'EDT$WFDELLIN - delete the current line'
2 0002 0 MODULE EDT$WFDELLIN ( ! Delete the current line
3 0003 0 IDENT = 'V04-000' ! File: WFDELLIN.BLI Edit: JBS1013
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 Delete the current line. If that empties the current bucket,
37 0037 1 delete the bucket also.
38 0038 1
39 0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
40 0040 1
41 0041 1 AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 1-001 - Original. DJS 23-Feb-1981. This module was created by
46 0046 1 extracting routine EDT$$DEL CURLN from module EDTWF.
47 0047 1 1-002 - Regularize headers. JBS 16-Mar-1981
48 0048 1 1-003 - Change index for line numbers from 10 to 15. SMB 18-Jan-1982
49 0049 1 1-004 - Correct IDENT format. JBS 15-Mar-1982
50 0050 1 1-005 - New screen update logic. JBS 13-Sep-1982
51 0051 1 1-006 - Remove EDT$$SET_WKLN. JBS 14-Sep-1982
52 0052 1 1-007 - Change the name of the delete line routine. SMB 21-Sep-1982
53 0053 1 1-008 - Modify to use new 48bit macro. STS 01-Oct-1982
54 0054 1 1-009 - Count the number of deleted lines since the last screen update. JBS 21-Oct-1982
55 0055 1 1-010 - Change the handling of EDT$$G RECS_INSERTED. JBS 27-Oct-1982
56 0056 1 1-011 - Up the number of recs inserted before setting SCR REBUILD. SMB 16-Feb-1983
57 0057 1 1-012 - Decrement the number of records inserted during this insert sequence. JBS 01-Jun-1983

```

: R

EDT\$WFDELLIN
V04-000

EDT\$WFDELLIN - delete the current line
Declarations

G 6
16-Sep-1984 02:05:09
14-Sep-1984 12:25:29

VAX-11 Bliss-32 V4.0-742 Page 3
DISK\$VMSMASTER:[EDT.SRC]WFDELLIN.BLI;1 (2)

**F

```
: 62 0061 1 %SBTTL 'Declarations'
: 63 0062 1
: 64 0063 1 : TABLE OF CONTENTS:
: 65 0064 1
: 66 0065 1
: 67 0066 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 68 0505 1
: 69 0506 1 FORWARD ROUTINE
: 70 0507 1 EDT$$DEL_CURLN : NOVALUE;
: 71 0508 1
: 72 0509 1
: 73 0510 1 : INCLUDE FILES:
: 74 0511 1
: 75 0512 1
: 76 0513 1 REQUIRE 'EDTSRC:EDTREQ';
: 77 0648 1
: 78 0649 1
: 79 0650 1 : MACROS:
: 80 0651 1
: 81 0652 1 : NONE
: 82 0653 1
: 83 0654 1 : EQUATED SYMBOLS:
: 84 0655 1
: 85 0656 1 : NONE
: 86 0657 1
: 87 0658 1 : OWN STORAGE:
: 88 0659 1
: 89 0660 1 : NONE
: 90 0661 1
: 91 0662 1 : EXTERNAL REFERENCES:
: 92 0663 1
: 93 0664 1 : In the routine
```

```

: 95 0665 1 %SBTTL 'EDT$$DEL_CURLN - delete the current line'
: 96 0666 1
: 97 0667 1 GLOBAL ROUTINE EDT$$DEL_CURLN ! Delete the current line
: 98 0668 1 : NOVALUE =
: 99 0669 1
100 0670 1 !++
101 0671 1 FUNCTIONAL DESCRIPTION:
102 0672 1
103 0673 1 This routine deletes the current line from the buffer. Close up the
104 0674 1 gap in the block by moving any text following the deleted line. If the
105 0675 1 line is the only one in a bucket, then also delete the bucket.
106 0676 1
107 0677 1 FORMAL PARAMETERS:
108 0678 1
109 0679 1 NONE
110 0680 1
111 0681 1 IMPLICIT INPUTS:
112 0682 1
113 0683 1 EDT$$T_LN_BUF
114 0684 1 EDT$$L_SEC_LN
115 0685 1 EDT$$A_CUR_BUF
116 0686 1 EDT$$A_WK_BUK
117 0687 1 EDT$$A_WK_LN
118 0688 1 EDT$$L_LN00
119 0689 1 EDT$$G_RECS_INSERTED
120 0690 1 EDT$$G_SCR_LNS
121 0691 1 EDT$$G_SCR_REBUILD
122 0692 1
123 0693 1 IMPLICIT OUTPUTS:
124 0694 1
125 0695 1 EDT$$G_WK_MODFD
126 0696 1 EDT$$A_CUR_BUF
127 0697 1 EDT$$A_WK_BUK
128 0698 1 EDT$$A_WK_LN
129 0699 1 EDT$$A_SEC_POS
130 0700 1 EDT$$G_RECS_INSERTED
131 0701 1 EDT$$G_SCR_REBUILD
132 0702 1
133 0703 1 ROUTINE VALUE:
134 0704 1
135 0705 1 NONE
136 0706 1
137 0707 1 SIDE EFFECTS:
138 0708 1
139 0709 1 NONE
140 0710 1
141 0711 1 --
142 0712 1
143 0713 2 BEGIN
144 0714 2
145 0715 2 EXTERNAL ROUTINE
146 0716 2 EDT$$WF_DELBUK : NOVALUE,
147 0717 2 EDT$$RD_NXTLN,
148 0718 2 EDT$$SEC_RNGPOS,
149 0719 2 EDT$$SC_DELLN : NOVALUE;
150 0720 2
151 0721 2 EXTERNAL

```

```
152 0722 2      EDT$$A_CUR_BUF : REF TBCB_BLOCK,      ! Current text buffer control block
153 0723 2      EDT$$A_WK_BUK :                      ! Pointer to current bucket
154 0724 2      REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
155 0725 2      EDT$$A_WK_LN : REF LIN_BLOCK,      ! Pointer to current line
156 0726 2      EDT$$G_WK_MODFD,                  ! Flag indicating bucket was modified
157 0727 2      EDT$$L_LN00 : LNOVECTOR [14],
158 0728 2      EDT$$A_SEL_POS,                    ! Position on the select line
159 0729 2      EDT$$L_SEL_LN,                    ! Record number of the select line
160 0730 2      EDT$$T_LN_BUF,                    ! Current line buffer
161 0731 2      EDT$$G_SCR_REBUILD,              ! 1 = rebuild the screen data structure from the work file
162 0732 2      EDT$$G_SCR_LNS,                  ! Number of lines in the text area of the screen
163 0733 2      EDT$$G_RECS_INSERTED;           ! Number of records inserted and deleted since the last screen update
164 0734 2
165 0735 2      LOCAL
166 0736 2      SIZE,
167 0737 2      SOURCE,
168 0738 2      REMAINING;
169 0739 2
170 0740 2      !+
171 0741 2      !- Test for end of buffer. (do not try to delete if at end of block)
172 0742 2      !-
173 0743 2
174 0744 2      IF (.EDT$$A_CUR_BUF [TBCB_LINE_ADDR] EQL .EDT$$A_WK_BUK [WFB_END]) THEN RETURN;
175 0745 2
176 0746 2      !+
177 0747 2      !- If we are not going to rebuild the screen data structure from the work file,
178 0748 2      !- tell the screen package that the current line has been deleted.
179 0749 2      !-
180 0750 2
181 0751 2      IF ( NOT .EDT$$G_SCR_REBUILD)
182 0752 2      THEN
183 0753 2      BEGIN
184 0754 2      EDT$$G_RECS_INSERTED = .EDT$$G_RECS_INSERTED + 1;
185 0755 2
186 0756 2      IF (.EDT$$G_RECS_INSERTED GTR (.EDT$$G_SCR_LNS*2)) THEN EDT$$G_SCR_REBUILD = 1 ELSE EDT$$SC_DELLN ()
187 0757 2
188 0758 2      END;
189 0759 2
190 0760 2      !+
191 0761 2      !- Update the line and character count fields
192 0762 2      !-
193 0763 2      SUBLINE (NUMBER ONE, EDT$$A_CUR_BUF [TBCB_LINE_COUNT]);
194 0764 2      EDT$$A_CUR_BUF [TBCB_CHAR_COUNT] = .EDT$$A_CUR_BUF [TBCB_CHAR_COUNT] - .EDT$$A_WK_LN [LIN_LENGTH];
195 0765 2      !+
196 0766 2      !- Mark bucket as modified.
197 0767 2      !-
198 0768 2      EDT$$G_WK_MODFD = 1;
199 0769 2      !+
200 0770 2      !- Calculate the length of text to be deleted.
201 0771 2      !-
202 0772 2      SIZE = .EDT$$A_WK_LN [LIN_LENGTH] + LIN_FIXED_SIZE + 1;
203 0773 2      !+
204 0774 2      !- Source is a pointer to the following information.
205 0775 2      !-
206 0776 2      SOURCE = CH$PLUS (.EDT$$A_WK_LN, .SIZE);
207 0777 2      !+
208 0778 2      !- Calculate the number of used bytes left in the block.
```

```
209 0779 2 :-
210 0780 222 REMAINING = .EDT$$A_WK_BUK [WFB_END] - .EDT$$A_CUR_BUF [TBCB_LINE_ADDR] - .SIZE;
211 0781 222 :-
212 0782 222 + Update the end of bucket information.
213 0783 222 :-
214 0784 222 EDT$$A_WK_BUK [WFB_END] = .EDT$$A_WK_BUK [WFB_END] - .SIZE;
215 0785 222 +
216 0786 222 :- And close up the hole we created.
217 0787 222 :-
218 0788 222
219 0789 222 IF (.REMAINING NEQ 0)
220 0790 222 THEN
221 0791 222 BEGIN
222 0792 222 EDT$$CPY MEM (.REMAINING, .SOURCE, .EDT$$A_WK_LN);
223 0793 222 EDT$$A_WK_LN = CH$PTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR]);
224 0794 222 END
225 0795 222 ELSE
226 0796 222 +
227 0797 222 :- No text after the line, check to see if bucket is now empty.
228 0798 222 :-
229 0799 222
230 0800 222 IF (.EDT$$A_CUR_BUF [TBCB_LINE_ADDR] EQL WFB_FIXED_SIZE) !
231 0801 222 THEN
232 0802 222 EDT$$WF_DELBUK ()
233 0803 222 ELSE
234 0804 222 EDT$$RD_NXTLN (); ! position to first line in next bucket
235 0805 222
236 0806 222 +
237 0807 222 :- Update the select point, if it is after the line being deleted.
238 0808 222 :-
239 0809 222
240 0810 222 CASE EDT$$SEL_RNGPOS () FROM -1 TO 1 OF
241 0811 222 SET
242 0812 222
243 0813 222 [-1] : ! Select line is before current line, or no select
244 0814 222 BEGIN
245 0815 222 0
246 0816 222 END;
247 0817 222
248 0818 222 [0] : ! Select line is current line
249 0819 222 EDT$$A_SEL_POS = CH$PTR (EDT$$T_LN_BUF);
250 0820 222
251 0821 222 [1] : ! Select line is after current line
252 0822 222 SUBLINE (NUMBER_ONE, EDT$$L_SEL_LN);
253 0823 222
254 0824 222 [OUTRANGE] :
255 0825 222 ASSERT (0);
256 0826 222 TES;
257 0827 222
258 0828 222 END; ! of routine EDT$$DEL_CURLN

.TITLE EDT$WFDELLIN EDT$WFDELLIN - delete the current
line
.IDENT \V04-000\
.EXTRN EDT$$WF_DELBUK, EDT$$RD_NXTLN
```


					.EXTRN	EDT\$\$SEL_RNGPOS		
					.EXTRN	EDT\$\$SC_DELLN, EDT\$\$A_CUR_BUF		
					.EXTRN	EDT\$\$A_WK_BUK, EDT\$\$A_WK_LN		
					.EXTRN	EDT\$\$G_WK_MODFD		
					.EXTRN	EDT\$\$L_LN00, EDT\$\$A_SEL_POS		
					.EXTRN	EDT\$\$L_SEL_LN, EDT\$\$T_LN_BUF		
					.EXTRN	EDT\$\$G_SCR_REBUILD		
					.EXTRN	EDT\$\$G_SCR_LNS, EDT\$\$G_RECS_INSERTED		
					.EXTRN	EDT\$\$INTER_ERR		
					.PSECT	_EDT\$CODE, NOWRT, SHR, PIC, 2		
					.ENTRY	EDT\$\$DEL_CURLN, Save R2,R3,R4,R5,R6,R7,R8,-	0667	
						R9,R10,RT1		
					MOVAB	EDT\$\$G_RECS_INSERTED, R11		
					MOVAB	EDT\$\$G_SCR_REBUILD, R10		
					MOVAB	EDT\$\$A_WK_BUK, R9		
					MOVAB	FIRST_WORD, R8		
					MOVL	EDT\$\$A_CUR_BUF, R1	0744	
					MOVL	EDT\$\$A_WK_BUK, R0		
					CMPL	(R1), 4(R0)		
					BNEQ	1\$		
					RET			
					BLBS	EDT\$\$G_SCR_REBUILD, 3\$	0751	
					INCL	EDT\$\$G_RECS_INSERTED	0754	
					ASHL	#1, EDT\$\$G_SCR_LNS, R0	0756	
					CMPL	EDT\$\$G_RECS_INSERTED, R0		
					BLEQ	2\$		
					MOVL	#1, EDT\$\$G_SCR_REBUILD		
					BRB	3\$		
					CALLS	#0, EDT\$\$SC_DELLN		
					MOVL	EDT\$\$A_CUR_BUF, R6	0763	
					MOVL	24(R6), SAVE		
					DECL	24(R6)		
					CMPL	24(R6), SAVE		
					BLEQU	4\$		
					DECW	28(R6)		
					MOVL	EDT\$\$A_WK_LN, R2	0764	
					MOVZBL	(R2), R0		
					SUBL2	R0, 30(R6)		
					MOVL	#1, EDT\$\$G_WK_MODFD	0768	
					MOVZBL	(R2), SIZE	0772	
					ADDL2	#8, SIZE		
					ADDL3	SIZE, R2, SOURCE	0776	
					MOVL	EDT\$\$A_WK_BUK, R7	0780	
					SUBL3	(R6), 4(R7), R0		
					SUBL2	SIZE, REMAINING		
					SUBL2	SIZE, 4(R7)	0784	
					TSTL	REMAINING	0789	
					BEQL	5\$		
					MOVC3	REMAINING, (SOURCE), (R2)	0792	
					ADDL3	(R6), R7, EDT\$\$A_WK_LN	0793	
					BRB	7\$	0789	
					CMPL	(R6), #8	0800	
					BNEQ	6\$		
					CALLS	#0, EDT\$\$WF_DELBUK	0802	
					BRB	7\$		

EDT\$WFDELLIN
V04-000

EDT\$WFDELLIN - delete the current line
EDT\$\$DEL_CURLN - delete the current line

L 6
16-Sep-1984 02:05:09
14-Sep-1984 12:25:29

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

Page 8
(3)

00000000G	00	00	FB	000B2	6\$:	CALLS	#0, EDT\$\$RD NXTLN	:	0804
00000000G	00	00	FB	000B9	7\$:	CALLS	#0, EDT\$\$SEC_RNGPOS	:	0810
02 FFFFFFFF	8F	50	CF	000C0		CASEL	RO, #-1, #2	:	
001A 000E		0027		000CB	8\$:	.WORD	11\$-8\$,-	:	
							9\$-8\$-	:	
							10\$-8\$:	
00000000G	00	00	FB	000CE		CALLS	#0, EDT\$\$INTER_ERR	:	0825
				04 000D5		RET		:	0810
00000000G	00	00000000G	00	9E 000D6	9\$:	MOVAB	EDT\$\$T_LN_BUF, EDT\$\$A_SEL_POS	:	0819
				04 000E1		RET		:	
	50		68	D0 000E2	10\$:	MOVL	FIRST_WORD, SAVE	:	0822
			68	D7 000E5		DECL	FIRST_WORD	:	
	50		68	D1 000E7		CPL	FIRST_WORD, SAVE	:	
			03	1B 000EA		BLEQU	11\$:	
		04	A8	B7 000EC		DECW	NEXT_WORD	:	
			04	000EF	11\$:	RET		:	0828

; Routine Size: 240 bytes, Routine Base: _EDT\$CODE + 0000

: 259 0829 1
: 260 0830 1 !<BLF/PAGE>

EDT\$WFDELLIN
V04-000

EDT\$WFDELLIN - delete the current line
EDT\$\$DEL_CURLN - delete the current line

M 6
16-Sep-1984 02:05:09
14-Sep-1984 12:25:29

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

EDT\$
V04-

: 262 0831 1 END
: 263 0832 1
: 264 0833 0 ELUDOM

! of module EDT\$WFDELLIN

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	240	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	43	11	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\$:WFDELLIN/OBJ=OBJ\$:WFDELLIN MSRCS\$:WFDELLIN.BLI/UPDATE=(ENHS:WFDELLIN)

: Size: 240 code + 0 data bytes
: Run Time: 00:16.3
: Elapsed Time: 00:19.3
: Lines/CPU Min: 3075
: Lexemes/CPU-Min: 11988
: Memory Used: 114 pages
: Compilation Complete

