


```

1 0001 0 %TITLE 'EDT$WFDELBKT - delete the current bucket'
2 0002 0 MODULE EDT$WFDELBKT ( ! Delete the current bucket
3 0003 0 IDENT = 'V04-000' ! File: WFDELBKT.BLI Edit: STS1004
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 Delete a bucket.
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: October 16, 1978
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. DJS 23-Feb-1981. This module was created by
45 0045 1 extracting routine DELETE_BUKT from module EDTWF.
46 0046 1 1-002 - Regularize headers. JBS 16-Mar-1981
47 0047 1 1-003 - Remove EDT$$SET_WKLN. JBS 14-Sep-1982
48 0048 1 1-004 - Remove call to EDT$$WF_RELBUK. STS 11-Oct-1982
49 0049 1 --
50 0050 1

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```
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$WF_DELBUK : 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
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85 0655 1 %SBTTL 'EDT$$WF_DELBUK - delete the current bucket'
86 0656 1
87 0657 1 GLOBAL ROUTINE EDT$$WF_DELBUK ! Delete the current bucket
88 0658 1 : NOVALUE =
89 0659 1
90 0660 1 !++
91 0661 1 FUNCTIONAL DESCRIPTION:
92 0662 1
93 0663 1 This routine is called when all the text in a bucket has been deleted.
94 0664 1 If this is not the only bucket in the text buffer, then update the links
95 0665 1 of the previous and next bucket to point to each other, handling the
96 0666 1 special case of the first and last bucket.
97 0667 1
98 0668 1 FORMAL PARAMETERS:
99 0669 1
100 0670 1 NONE
101 0671 1
102 0672 1 IMPLICIT INPUTS:
103 0673 1
104 0674 1 EDT$$A_CUR_BUF
105 0675 1 EDT$$A_WK_BUK
106 0676 1 EDT$$G_WK_CURBUK
107 0677 1
108 0678 1 IMPLICIT OUTPUTS:
109 0679 1
110 0680 1 EDT$$G_WK_MODFD
111 0681 1 EDT$$A_CUR_BUF
112 0682 1 EDT$$G_WK_CURBUK
113 0683 1 EDT$$A_WK_LN
114 0684 1
115 0685 1 ROUTINE VALUE:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 SIDE EFFECTS:
120 0690 1
121 0691 1 Changes the current bucket.
122 0692 1
123 0693 1 --
124 0694 1
125 0695 2 BEGIN
126 0696 2
127 0697 2 EXTERNAL ROUTINE
128 0698 2 EDT$$WF_MAKECUR : NOVALUE,
129 0699 2 EDT$$RD_NXTLN;
130 0700 2
131 0701 2 EXTERNAL
132 0702 2 EDT$$A_CUR_BUF : REF TBCB_BLOCK, ! Current text buffer control block
133 0703 2 EDT$$A_WK_BUK : ! Pointer to current bucket
134 0704 2 REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
135 0705 2 EDT$$G_WK_AVAIL,
136 0706 2 EDT$$G_WK_CURBUK, ! Number of the current bucket
137 0707 2 EDT$$G_WK_MODFD, ! Flag indicating bucket was modified
138 0708 2 EDT$$A_WK_LN : REF LIN_BLOCK; ! Pointer to work line
139 0709 2
140 0710 2 LOCAL
141 0711 2 NEXT,

```

: Rc

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: 2

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142 0712 2      PREV;
143 0713 2
144 0714 2      +
145 0715 2      + Keep track of its previous and next bucket pointers.
146 0716 2      -
147 0717 2      NEXT = .EDTSSA_WK_BUK [WFB_NEXT_BUKT];
148 0718 2      PREV = .EDTSSA_WK_BUK [WFB_PREV_BUKT];
149 0719 2      +
150 0720 2      + If this is the only bucket in the text buffer just update
151 0721 2      + EDTSSA_WK_LN and get out.
152 0722 2      -
153 0723 2
154 0724 2      IF ((.NEXT OR .PREV) EQL 0)
155 0725 2      THEN
156 0726 2      BEGIN
157 0727 2      EDTSSRD_NXTLN ();
158 0728 2      RETURN;
159 0729 2      END;
160 0730 2
161 0731 2      +
162 0732 2      + Release the bucket.
163 0733 2      -
164 0734 2      EDTSSA_WK_BUK[WFB_NEXT_BUKT] = .EDTSSG_WK_AVAIL;
165 0735 2      EDTSSG_WK_AVAIL = .EDTSSG_WK_CURBUK;
166 0736 2      EDTSSG_WK_MODFD = 1;
167 0737 2
168 0738 2      +
169 0739 2      + Link the previous bucket to the next one.
170 0740 2      -
171 0741 2
172 0742 2      IF (.PREV EQL 0)
173 0743 2      THEN
174 0744 2      EDTSSA_CUR_BUF [TBCB_FIRST_BUKT] = .NEXT
175 0745 2      ELSE
176 0746 2      BEGIN
177 0747 2      EDTSSWF_MAKECUR (.PREV);
178 0748 2      EDTSSA_WK_BUK [WFB_NEXT_BUKT] = .NEXT;
179 0749 2      EDTSSG_WK_MODFD = 1;
180 0750 2      END;
181 0751 2
182 0752 2      +
183 0753 2      + If this was the last bucket then update EDTSSA_CUR_BUF , otherwise
184 0754 2      + go to the next bucket and update it's pointers.
185 0755 2      -
186 0756 2
187 0757 2      IF (.NEXT EQL 0)
188 0758 2      THEN
189 0759 2      BEGIN
190 0760 2      EDTSSA_CUR_BUF [TBCB_LAST_BUKT] = EDTSSA_CUR_BUF [TBCB_CUR_BUKT] = .PREV;
191 0761 2      EDTSSA_CUR_BUF [TBCB_LINE_ADDR] = .EDTSSA_WK_BUK [WFB_END];
192 0762 2      EDTSSRD_NXTLN ();
193 0763 2      END
194 0764 2      ELSE
195 0765 2      BEGIN
196 0766 2      EDTSSWF_MAKECUR (.NEXT);
197 0767 2      EDTSSA_WK_BUK [WFB_PREV_BUKT] = .PREV;
198 0768 2      EDTSSA_CUR_BUF [TBCB_LINE_ADDR] = WFB_FIXED_SIZE;
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: 2
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: 2: Si
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: El
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199 0769 3      EDT$$A_WK_LN = CHSPTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR]);
200 0770 3      EDT$$G_WK_MODFD = 1;
201 0771 2      END;
202 0772 2
203 0773 2
204 0774 2      + Update the current bucket field.
205 0775 2      -
206 0776 2      EDT$$A_CUR_BUF [TBCB_CUR_BUKT] = .EDT$$G_WK_CURBUK;
207 0777 1      END;

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```

.TITLE EDT$WFDELBKT EDT$WFDELBKT - delete the current
       bucket
.IDENT \V04-000\

.EXTRN EDT$$WF_MAKECUR
.EXTRN EDT$$RD_NXTLN, EDT$$A_CUR_BUF
.EXTRN EDT$$A_WK_BUK, EDT$$G_WK_AVAIL
.EXTRN EDT$$G_WK_CURBUK
.EXTRN EDT$$G_WK_MODFD
.EXTRN EDT$$A_WK_LN

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

.ENTRY EDT$$WF_DELBUK, Save R2,R3,R4,R5,R6,R7,R8,- ; 0657
      R9,R10
      MOVAB EDT$$WF_MAKECUR, R10
      MOVAB EDT$$G_WK_CURBUK, R9
      MOVAB EDT$$G_WK_AVAIL, R8
      MOVAB EDT$$RD_NXTLN, R7
      MOVAB EDT$$G_WK_MODFD, R6
      MOVAB EDT$$A_CUR_BUF, R5
      MOVAB EDT$$A_WK_BUK, R4
      MOVL EDT$$A_WK_BUK, R0
      MOVZWL 2(R0), NEXT
      MOVZWL (R0), PREV
      BISL3 PREV, NEXT, R0
      BNEQ 1$
      CALLS #0, EDT$$RD_NXTLN
      RET
      MOVL EDT$$A_WK_BUK, R0
      MOVW EDT$$G_WK_AVAIL, 2(R0)
      MOVL EDT$$G_WK_CURBUK, EDT$$G_WK_AVAIL
      MOVL #1, EDT$$G_WK_MODFD
      TSTL PREV
      BNEQ 2$
      MOVL EDT$$A_CUR_BUF, R0
      MOVW NEXT, T4(R0)
      BRB 3$
      PUSHL PREV
      CALLS #1, EDT$$WF_MAKECUR
      MOVL EDT$$A_WK_BUK, R0
      MOVW NEXT, 2(R0)
      MOVL #1, EDT$$G_WK_MODFD
      TSTL NEXT
      BNEQ 4$
      MOVL EDT$$A_CUR_BUF, R1

```

```

07FC 0000
5A 00000000G 00 9E 00002
59 00000000G 00 9E 00009
58 00000000G 00 9E 0C010
57 00000000G 00 9E 00017
56 00000000G 00 9E 0001E
55 00000000G 00 9E 00025
54 00000000G 00 9E 0002C
50 64 D0 00033
52 02 A0 3C 00036
53 60 3C 0003A
52 53 C9 0003D
50 04 12 00041
67 00 FB 00043
50 64 D0 00047 1$:
02 A0 68 B0 0004A
68 69 D0 0004E
66 01 D0 00051
50 53 D5 00054
0E 50 09 12 00056
A0 65 D0 00058
52 B0 0005B
0F 11 0005F
53 D0 00061 2$:
6A 01 FB 00063
50 64 D0 00066
02 A0 52 B0 00069
66 01 D0 0006D
52 D5 00070 3$:
17 12 00072
51 65 D0 00074

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```

EDT\$WFDELBKT
V04-000

EDT\$WFDELBKT - delete the current bucket
EDT\$\$WF_DELBUK - delete the current bucket

B 6
16-Sep-1984 02:04:37
14-Sep-1984 12:25:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFDELBKT.BLI;1 Page 6 (3)

04	A1		53	B0	00077	MOVW	PREV, 4(R1)		
10	A1		53	B0	0007B	MOVW	PREV, 16(R1)		
	50		64	D0	0007F	MOVL	EDT\$\$A_WK_BUK, R0		0761
	61	04	A0	D0	00082	MOVL	4(R0), -(RT)		
	67		00	FB	00086	CALLS	#0, EDT\$\$RD_NXTLN		0762
			1C	11	00089	BRB	5\$		0757
			52	DD	00089	4\$: PUSHL	NEXT		0766
	6A		01	FB	0008D	CALLS	#1, EDT\$\$WF_MAKECUR		
	51		64	D0	00090	MOVL	EDT\$\$A_WK_BUK, R1		0767
	61		53	B0	00093	MOVW	PREV, 7(R1)		
	50		65	D0	00096	MOVL	EDT\$\$A_CUR_BUF, R0		0768
00000000G 00	60		08	D0	00099	MOVL	#8, (R0)		
	51		6C	C1	0009C	ADDL3	(R0), R1, EDT\$\$A_WK_LN		0769
	66		01	D0	000A4	MOVL	#1, EDT\$\$G_WK_MODFC		0770
	50		65	D0	000A7	5\$: MOVL	EDT\$\$A_CUR_BUF, R0		0776
	04	A0	69	B0	000AA	MOVW	EDT\$\$G_WK_CURBUK, 4(R0)		
			04	000AE		RET			0777

: Routine Size: 175 bytes, Routine Base: _EDT\$CODE + 0000

: 208 0778 1
: 209 0779 1 !<BLF/PAGE>

EDT\$WFDELBKT
V04-000

EDT\$WFDELBKT - delete the current bucket
EDT\$\$WF_DELBUK - delete the current bucket

C 6
16-Sep-1984 02:04:37
14-Sep-1984 12:25:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMMASTER:[EDT.SRC]WFDELBKT.BLI,1 (4)

Page 7

EDT
V04

: 211 0780 1 END
: 212 0781 1
: 213 0782 0 ELUDOM

! of module EDT\$WFDELBKT

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	175	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	39	10	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\$:WFDELBKT/OBJ=OBJ\$:WFDELBKT MSRCS\$:WFDELBKT.BLI/UPDATE=(ENHS:WFDELBKT)

: Size: 175 code + 0 data bytes
: Run Time: 00:13.8
: Elapsed Time: 00:16.7
: Lines/CPU Min: 3395
: Lexemes/CPU-Min: 10797
: Memory Used: 89 pages
: Compilation Complete

