

```

EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDD TTTTTTTTTTTTTTTT
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EXE

Mod

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LIB

L18

WW	WW	FFFFFFF	DDDDDDDD	EEEEEEEEEE	LL	BBBBBBBB	KK	KK	TTTTTTTTTT
WW	WW	FFFFFFF	DDDDDDDD	EEEEEEEEEE	LL	BBBBBBBB	KK	KK	TTTTTTTTTT
WW	WW	FF	DD	DD	EE	BB	BB	KK	TT
WW	WW	FF	DD	DD	EE	BB	BB	KK	TT
WW	WW	FF	DD	DD	EE	BB	BB	KK	TT
WW	WW	FF	DD	DD	EE	BB	BB	KK	TT
WW	WW	FFFFFFF	DD	DD	EEEEEEEE	LL	BBBBBBBB	KKKKKK	TT
WW	WW	FFFFFFF	DD	DD	EEEEEEEE	LL	BBBBBBBB	KKKKKK	TT
WW	WW	FF	DD	DD	EE	BB	BB	KK	TT
WW	WW	FF	DD	DD	EE	BB	BB	KK	TT
WWWW	WWWW	FF	DD	DD	EE	BB	BB	KK	TT
WWWW	WWWW	FF	DD	DD	EE	BB	BB	KK	TT
WW	WW	FF	DDDDDDDD	EEEEEEEEEE	LLLLLLLLLL	BBBBBBBB	KK	KK	TT
WW	WW	FF	DDDDDDDD	EEEEEEEEEE	LLLLLLLLLL	BBBBBBBB	KK	KK	TT

```

LL               IIIIII               SSSSSSSS
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LL               II                   SS
LLLLLLLLLLLLLL  IIIIII               SSSSSSSS
LLLLLLLLLLLLLL  IIIIII               SSSSSSSS

```



```
0001 0 *TITLE 'EDT$WFDELBKT - delete the current bucket'
0002 0 MODULE EDT$WFDELBKT ( ! Delete the current bucket
0003 0 IDENT = 'V04-000' ! File: WFDELBKT.BLI Edit: STS1004
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 Delete a bucket.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 23-Feb-1981. This module was created by
0045 1 extracting routine DELETE_BUKT from module EDTWF.
0046 1 1-002 - Regularize headers. JBS 16-Mar-1981
0047 1 1-003 - Remove EDT$$SET_WKLN. JBS 14-Sep-1982
0048 1 1-004 - Remove call to EDT$$WF_RELBUK. STS 11-Oct-1982
0049 1 --
0050 1
```

EDT\$WFDELBKT
V04-000

EDT\$WFDELBKT - delete the current bucket
Declarations

K 5
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 2 (2)

```
: 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
```


EDT\$WFDELBKT
V04-000

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

L 5
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 3 (3)

```

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$SA_CUR_BUF
105 0675 1 EDT$SA_WK_BUK
106 0676 1 EDT$SG_WK_CURBUK
107 0677 1
108 0678 1 IMPLICIT OUTPUTS:
109 0679 1
110 0680 1 EDT$SG_WK_MODFD
111 0681 1 EDT$SA_CUR_BUF
112 0682 1 EDT$SG_WK_CURBUK
113 0683 1 EDT$SA_WK_LN
114 0684 1
115 0685 1 ROUTINE VALUE:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 SIDE EFFECTS:
120 0690 1
121 0691 1 Changes the current bucket.
122 0692 1
123 0693 1 --
124 0694 1
125 0695 2 BEGIN
126 0696 2
127 0697 2 EXTERNAL ROUTINE
128 0698 2 EDT$WF_MAKECUR : NOVALUE,
129 0699 2 EDT$SRD_NXTLN;
130 0700 2
131 0701 2 EXTERNAL
132 0702 2 EDT$SA_CUR_BUF : REF TBCB_BLOCK, ! Current text buffer control block
133 0703 2 EDT$SA_WK_BUK : ! Pointer to current bucket
134 0704 2 REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
135 0705 2 EDT$SG_WK_AVAIL,
136 0706 2 EDT$SG_WK_CURBUK, ! Number of the current bucket
137 0707 2 EDT$SG_WK_MODFD, ! Flag indicating bucket was modified
138 0708 2 EDT$SA_WK_LN : REF LIN_BLOCK; ! Pointer to work line
139 0709 2
140 0710 2 LOCAL
141 0711 2 NEXT,
```

EDT\$WFDELBKT
V04-000

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

M 5
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 4 (3)

```
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 = .EDT$$A_WK_BUK [WFB_NEXT_BUKT];
148      0718      2      PREV = .EDT$$A_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      + EDT$$A_WK_LN and get out.
152      0722      2      -
153      0723      2
154      0724      2      IF ((.NEXT OR .PREV) EQL 0)
155      0725      2      THEN
156      0726      2      BEGIN
157      0727      2      EDT$$RD_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      EDT$$A_WK_BUK[WFB_NEXT_BUKT] = .EDT$$G_WK_AVAIL;
165      0735      2      EDT$$G_WK_AVAIL = .EDT$$G_WK_CURBUK;
166      0736      2      EDT$$G_WK_MODFD = 1;
167      0737      2
168      0738      2      +
169      0739      2      + Link the previous bucket to the next one.
170      0740      2      -
171      0741      2
172      0742      2      IF (.PREV EQL 0)
173      0743      2      THEN
174      0744      2      EDT$$A_CUR_BUF [TBCB_FIRST_BUKT] = .NEXT
175      0745      2      ELSE
176      0746      2      BEGIN
177      0747      2      EDT$$WF_MAKECUR (.PREV);
178      0748      2      EDT$$A_WK_BUK [WFB_NEXT_BUKT] = .NEXT;
179      0749      2      EDT$$G_WK_MODFD = 1;
180      0750      2      END;
181      0751      2
182      0752      2      +
183      0753      2      + If this was the last bucket then update EDT$$A_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      EDT$$A_CUR_BUF [TBCB_LAST_BUKT] = EDT$$A_CUR_BUF [TBCB_CUR_BUKT] = .PREV;
191      0761      2      EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = .EDT$$A_WK_BUK [WFB_END];
192      0762      2      EDT$$RD_NXTLN ();
193      0763      2      END
194      0764      2      ELSE
195      0765      2      BEGIN
196      0766      2      EDT$$WF_MAKECUR (.NEXT);
197      0767      2      EDT$$A_WK_BUK [WFB_PREV_BUKT] = .PREV;
198      0768      2      EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = WFB_FIXED_SIZE;
```


EDT\$WFDELBKT
V04-000

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

N 5
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 5 (3)

**F1

```
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;
```

.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,- R9,R10 : 0657

07FC 00000

```
5A 00000000G 00 9E 00002
59 00000000G 00 9E 00009
58 00000000G 00 9E 00010
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
04 12 00041
67 00 FB 00043
04 00046
50 64 D0 00047 1$:
02 A0 68 B0 0004A
68 69 D0 0004E
66 01 D0 00051
53 D5 00054
09 12 00056
50 65 D0 00058
0E A0 52 B0 0005B
0F 11 0005F
53 DD 00061 2$:
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
```

```
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 : 0717
MOVZWL 2(R0), NEXT : 0718
MOVZWL (R0), PREV : 0724
BISL3 PREV, NEXT, R0 : 0727
BNEQ 1$ : 0726
CALLS #0, EDT$$RD_NXTLN : 0734
RET : 0735
MOVL EDT$$A_WK_BUK, R0 : 0736
MOVW EDT$$G_WK_AVAIL, 2(R0) : 0742
MOVL EDT$$G_WK_CURBUK, EDT$$G_WK_AVAIL : 0744
MOVL #1, EDT$$G_WK_MODFD : 0747
TSTL PREV : 0748
BNEQ 2$ : 0749
MOVL EDT$$A_CUR_BUF, R0 : 0757
MOVW NEXT, T4(R0) : 0760
BRB 3$ : 0760
PUSHL PREV : 0760
CALLS #1, EDT$$WF_MAKECUR : 0760
MOVL EDT$$A_WK_BUK, R0 : 0760
MOVW NEXT, 2(R0) : 0760
MOVL #1, EDT$$G_WK_MODFD : 0760
TSTL NEXT : 0760
BNEQ 4$ : 0760
MOVL EDT$$A_CUR_BUF, R1 : 0760
```


EDT\$WFDEL BKT
V04-000

EDT\$WFDEL BKT - 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]WFDEL BKT.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	0008B	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	60	C1	0009C	ADDL3	(R0), R1, EDT\$\$A_WK_LN	: 0769
	66	01	D0	000A4	MOVL	#1, EDT\$\$G_WK_MODFD	: 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\$VMSMASTER:[EDT.SRC]WFDELBKT.BLI;1 Page 7 (4)

: 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 MSRC\$:WFDELBKT.BLI/UPDATE=(ENH\$: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

0141 AH-BT13A-SE
VAX/VMS V4.0

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