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TTTTTTTTT  IIIIII  CCCCCCCC  LL  RRRRRRRR  AAAAAA  UU  UU  DDDDDDDD
TTTTTTTTT  IIIIII  CCCCCCCC  LL  RRRRRRRR  AAAAAA  UU  UU  DDDDDDDD
  TT        II      CC          LL  RR      RR  AA  AA  UU  UU  DD  DD
  TT        II      CC          LL  RR      RR  AA  AA  UU  UU  DD  DD
  TT        II      CC          LL  RR      RR  AA  AA  UU  UU  DD  DD
  TT        II      CC          LL  RRRRRRRR  AA  AA  UU  UU  DD  DD
  TT        II      CC          LL  RRRRRRRR  AA  AA  UU  UU  DD  DD
  TT        II      CC          LL  RR  RR  AAAAAAAAAA  UU  UU  DD  DD
  TT        II      CC          LL  RR  RR  AAAAAAAAAA  UU  UU  DD  DD
  TT        II      CC          LL  RR      RR  AA  AA  UU  UU  DD  DD
  TT        II      CC          LL  RR      RR  AA  AA  UU  UU  DD  DD
  TT        IIIIII  CCCCCCCC  LLLLLLLLLL  RR      RR  AA  AA  UUUUUUUUU  DDDDDDDD
  TT        IIIIII  CCCCCCCC  LLLLLLLLLL  RR      RR  AA  AA  UUUUUUUUU  DDDDDDDD

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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
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LL  IIIIII  SSSSSSSS
LL  IIIIII  SSSSSSSS

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0001 0 %TITLE 'EDT$TICLRAUD - flush journal file'
0002 0 MODULE EDT$TICLRAUD ( ! Flush journal file
0003 0 IDENT = 'V04-000' ! File: TICLRAUD.BLI Edit: JBS1012
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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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 Flush journal file.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: June 9, 1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 18-FEB-1981. This module was created by
0045 1 extracting routine EDT$TI_FLUSHJOUFI from module TINPUT.
0046 1 1-002 - Regularize headers. JBS 11-Mar-1981
0047 1 1-003 - Add parameter to routine and flag to record. JBS 18-Jun-1981
0048 1 1-004 - Make record flag compatible with EDT V2. JBS 07-Jul-1981
0049 1 1-005 - Fix a bug in control C processing. JBS 17-Dec-1981
0050 1 1-006 - Continue to debug control C processing. JBS 24-Dec-1981
0051 1 1-007 - Revise control C data names. JBS 29-Dec-1981
0052 1 1-008 - Use two words for control C counters. JBS 30-Dec-1981
0053 1 1-009 - Decrease stack usage. JBS 27-Jan-1982
0054 1 1-010 - We must write 0-length journal records. JBS 01-Apr-1982
0055 1 1-011 - We must not write a record unless it has been marked valid. JBS 09-Apr-1982
0056 1 1-012 - Use symbols instead of magic numbers in control C journaling. JBS 24-May-1982
0057 1 --

```

EDTSTICLRAUD  
V04-000

EDTSTICLRAUD - flush journal file

: 58

0058 1

K 8  
16-Sep-1984 01:54:40  
14-Sep-1984 12:24:49

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

\*\*

```
60 0059 1 %SBTTL 'Declarations'  
61 0060 1 :  
62 0061 1 : TABLE OF CONTENTS:  
63 0062 1 :  
64 0063 1 :  
65 0064 1 REQUIRE 'EDTSRC:TRAROUNAM';  
66 0503 1 :  
67 0504 1 FORWARD ROUTINE  
68 0505 1 EDT$STI_FLUSHJOUFI : NOVALUE;  
69 0506 1 :  
70 0507 1 :  
71 0508 1 : INCLUDE FILES:  
72 0509 1 :  
73 0510 1 :  
74 0511 1 REQUIRE 'EDTSRC:EDTREQ';  
75 0646 1 :  
76 0647 1 :  
77 0648 1 : MACROS:  
78 0649 1 :  
79 0650 1 : NONE  
80 0651 1 :  
81 0652 1 : EQUATED SYMBOLS:  
82 0653 1 :  
83 0654 1 : NONE  
84 0655 1 :  
85 0656 1 : OWN STORAGE:  
86 0657 1 :  
87 0658 1 : NONE  
88 0659 1 :  
89 0660 1 : EXTERNAL REFERENCES:  
90 0661 1 :  
91 0662 1 : In the routine
```

```
93 0663 1 %SBTTL 'EDT$STI_FLUSHJOUFI - flush journal file'
94 0664 1
95 0665 1 GLOBAL ROUTINE EDT$STI_FLUSHJOUFI (           ! Flush journal file
96 0666 1     RECORD_TYPE                               ! text or control C
97 0667 1     ) : NOVALUE =
98 0668 1
99 0669 1 !++
100 0670 1 ! FUNCTIONAL DESCRIPTION:
101 0671 1
102 0672 1     This routine writes either a text record or a control C record.
103 0673 1     A text record is taken from the journal buffer. A control C record
104 0674 1     consists of the count of the number of times we tested for control C
105 0675 1     and didn't find it. Upon writing either record the control c counter
106 0676 1     is cleared; thus it records the number of tests since the last journal
107 0677 1     record.
108 0678 1
109 0679 1 ! FORMAL PARAMETERS:
110 0680 1
111 0681 1     RECORD_TYPE     ASCII 'T' for a text record, ASCII 'C' for a control C record.
112 0682 1
113 0683 1 ! IMPLICIT INPUTS:
114 0684 1
115 0685 1     EDT$ST_TIN_OBUF
116 0686 1     EDT$SG_TIN_OBUFPOS
117 0687 1     EDT$SG_CC_CNT1_LO
118 0688 1     EDT$SC_CC_CNT1_HI
119 0689 1     EDT$SG_JOU_VALID
120 0690 1
121 0691 1 ! IMPLICIT OUTPUTS:
122 0692 1
123 0693 1     EDT$SG_TIN_OBUFPOS
124 0694 1     EDT$SG_JOU_VALID
125 0695 1
126 0696 1 ! ROUTINE VALUE:
127 0697 1
128 0698 1     NONE
129 0699 1
130 0700 1 ! SIDE EFFECTS:
131 0701 1
132 0702 1     NONE
133 0703 1
134 0704 1 !--
135 0705 1
136 0706 2     BEGIN
137 0707 2
138 0708 2     EXTERNAL ROUTINE
139 0709 2     EDT$JOU_PUTREC;
140 0710 2
141 0711 2     EXTERNAL
142 0712 2     EDT$ST_TIN_OBUF : VECTOR [256, BYTE],           ! The journal output buffer
143 0713 2     EDT$SG_TIN_OBUFPOS,                               ! Position in journal output buffer
144 0714 2     EDT$SG_CC_CNT1_LO,                                 ! Number of control C tests
145 0715 2     EDT$SG_CC_CNT1_HI,                                 ! High half of the above
146 0716 2     EDT$SG_JOU_VALID;                                   ! 1 = journal record is valid
147 0717 2
148 0718 2     LOCAL
149 0719 2     JOURNAL_RECORD : VECTOR [CC_REC_SIZE, BYTE];     ! For building the control C record
```

```

150 0720 2
151 0721 2
152 0722 2
153 0723 2
154 0724 2
155 0725 2
156 0726 2
157 0727 2
158 0728 2
159 0729 2
160 0730 2
161 0731 2
162 0732 2
163 0733 2
164 0734 2
165 0735 2
166 0736 2
167 0737 2
168 0738 2
169 0739 2
170 0740 2
171 0741 2
172 0742 2
173 0743 2
174 0744 2
175 0745 2
176 0746 2
177 0747 2
178 0748 2
179 0749 2
180 0750 2
181 0751 2
182 0752 2
183 0753 2
184 0754 2
185 0755 2
186 0756 2
187 0757 2
188 0758 2
189 0759 2
190 0760 1

```

```

!+
Make sure the control C counter is reasonable.
-
ASSERT (.EDT$$G_CC_CNT1_LO LEQ CC_CTR_MAX);
ASSERT (.EDT$$G_CC_CNT1_HI LEQ CC_CTR_MAX);

SELECTONE .RECORD_TYPE OF
SET

[XC'T'] : ! Output a text record
BEGIN
ASSERT (.EDT$$G_TIN_OBUFPOS LEQ 256);
ASSERT (.EDT$$G_TIN_OBUFPOS GEQ 0);

IF (.EDT$$G_TIN_OBUFPOS GTR 0) THEN ASSERT (.EDT$$G_JOU_VALID);

IF .EDT$$G_JOU_VALID
THEN
BEGIN
EDT$$JOU_PUTREC (EDT$$T_TIN_OBUF [0], .EDT$$G_TIN_OBUFPOS);
EDT$$G_TIN_OBUFPOS = 0;
EDT$$G_JOU_VALID = 0;
END;

END;

[XC'C'] : ! Output a control C record
BEGIN
JOURNAL_RECORD [0] = JOU_REC_ESC; ! Flag as non-text record
JOURNAL_RECORD [1] = CC_REC_FLAG; ! Control C record
EDT$$CPY_MEM (2, EDT$$G_CC_CNT1_LO, JOURNAL_RECORD [2]);
EDT$$CPY_MEM (2, EDT$$G_CC_CNT1_HI, JOURNAL_RECORD [4]);
EDT$$JOU_PUTREC (JOURNAL_RECORD [0], CC_REC_SIZE);
END;

[OTHERWISE] :
ASSERT (0);
TES;

END: ! of routine EDT$$TI_FLUSHJOUFI

```

```

.TITLE EDT$TICLRAUD EDT$TICLRAUD - flush journal file
.IDENT \V04-000\

.EXTRN EDT$$JOU_PUTREC
.EXTRN EDT$$T_TIN_OBUF
.EXTRN EDT$$G_TIN_OBUFPOS
.EXTRN EDT$$G_CC_CNT1_LO
.EXTRN EDT$$G_CC_CNT1_HI
.EXTRN EDT$$G_JOU_VALID
.EXTRN EDT$$INTER_ERR

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

.ENTRY EDT$$TI_FLUSHJOUFI, Save R2,R3,R4,R5,R6,R7 ; 0665

```

00FC 0000

	57	00000000G	00	9E	00002	MOVAB	EDTSSG_CC_CNT1_LO, R7		
	56	00000000G	00	9E	00009	MOVAB	EDTSSJOU_PUTREC, R6		
	55	00000000G	00	9E	00010	MOVAB	EDTSSG_CC_CNT1_HI, R5		
	54	00000000G	00	9E	00017	MOVAB	EDTSSG_JOU_VALID, R4		
	53	00000000G	00	9E	0001E	MOVAB	EDTSSG_TIN_OBUFPOS, R3		
	52	00000000G	00	9E	00025	MOVAB	EDTSSINTER_ERR, R2		
	5E		08	C2	0002C	SUBL2	#8, SP		
00007530	8F		67	D1	0002F	CMPL	EDTSSG_CC_CNT1_LO, #30000		0724
			03	15	00036	BLEQ	1\$		
00007530	62		00	FB	00038	CALLS	#0, EDTSSINTER_ERR		
	8F		65	D1	0003B	CMPL	EDTSSG_CC_CNT1_HI, #30000		0725
			03	15	00042	BLEQ	2\$		
	62		00	FB	00044	CALLS	#0, EDTSSINTER_ERR		
00000054	8F	04	AC	DC	00047	MOVL	RECORD_TYPE, R0		0727
			50	D1	0004B	CMPL	R0, #8\$		0730
00000100	8F		30	12	00052	BNEQ	7\$		
			63	D1	00054	CMPL	EDTSSG_TIN_OBUFPOS, #256		0732
			03	15	00056	BLEQ	3\$		
	62		00	FB	0005D	CALLS	#0, EDTSSINTER_ERR		
			63	D5	00060	TSTL	EDTSSG_TIN_OBUFPOS		0733
			03	1F	00062	BGEQ	4\$		
	62		00	FE	00064	CALLS	#0, EDTSSINTER_ERR		
			63	D5	00067	TSTL	EDTSSG_TIN_OBUFPOS		0735
			06	15	00069	BLEQ	5\$		
	06		64	E8	0006B	BLBS	EDTSSG_JOU_VALID, 6\$		
	62		00	FB	0006E	CALLS	#0, EDTSSINTER_ERR		
	32		64	E9	00071	BLBC	EDTSSG_JOU_VALID, 9\$		0737
			63	DD	00074	PUSHL	EDTSSG_TIN_OBUFPOS		0740
		00000000G	00	9F	00076	PUSHAB	EDTSSINTER_ERR		
	66		02	FB	0007C	CALLS	#2, EDTSSJOU_PUTREC		
			63	D4	0007F	CLRL	EDTSSG_TIN_OBUFPOS		0741
			64	D4	00081	CLRL	EDTSSG_JOU_VALID		0742
					04	00083	RET		0727
00000043	8F		50	D1	00084	CMPL	R0, #67		0747
			16	12	0008B	BNEQ	8\$		
	6E	01FF	8F	B0	0008D	MOVW	#511, JOURNAL_RECORD		0749
	02		67	B0	00092	MOVW	EDTSSG_CC_CNT1_LO, JOURNAL_RECORD+2		0751
	04		65	B0	00096	MOVW	EDTSSG_CC_CNT1_HI, JOURNAL_RECORD+4		0752
			06	DD	0009A	PUSHL	#6		0753
		04	AE	9F	0009C	PUSHAB	JOURNAL_RECORD		
	66		02	FB	0009F	CALLS	#2, EDTSSJOU_PUTREC		
					04	000A2	RET		0727
	62		00	FB	000A3	CALLS	#0, EDTSSINTER_ERR		0757
			04	000A6	9\$:	RET			0760

: Routine Size: 167 bytes, Routine Base: \_EDTSCODE + 0000

: 191 0761 1  
: 192 0762 1 !<BLF/PAGE>



EDT\$TICLRAUD  
V04-000

EDT\$TICLRAUD - flush journal file  
EDT\$STI\_FLUSHJOUFI - flush journal file

C 9  
16-Sep-1984 01:54:40  
14-Sep-1984 12:24:49

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

Page 7

: 194 0763 1 END  
: 195 0764 1  
: 196 0765 0 ELUDOM

! of module EDT\$TICLRAUD

PSECT SUMMARY

Name Bytes Attributes  
\_EDT\$CODE 167 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	5	1	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\$:TICLRAUD/OBJ=OBJ\$:TICLRAUD MSRC\$:TICLRAUD.BLI/UPDATE=(ENHS:TICLRAUD)

: Size: 167 code + 0 data bytes  
: Run Time: 00:13.3  
: Elapsed Time: 00:16.2  
: Lines/CPU Min: 3458  
: Lexemes/CPU-Min: 11751  
: Memory Used: 86 pages  
: Compilation Complete



