

```

EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDD TTTTTTTTTTTTTTTT
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EXE

Mod

EDT

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EDSYN
LBA

110

WW	WW	FFFFFFFF	IIIIII	NN	NN	SSSSSSSS	LL	IIIIII	NN	NN	
WW	WW	FFFFFFFF	IIIIII	NN	NN	SSSSSSSS	LL	IIIIII	NN	NN	
WW	WW	FF	II	NN	NN	SS	LL	II	NN	NN	
WW	WW	FF	II	NN	NN	SS	LL	II	NN	NN	
WW	WW	FF	II	NNNN	NN	SS	LL	II	NNNN	NN	
WW	WW	FF	II	NNNN	NN	SS	LL	II	NNNN	NN	
WW	WW	FFFFFFFF	II	NN	NN	NN	SSSSSS	LL	NN	NN	NN
WW	WW	FFFFFFFF	II	NN	NN	NN	SSSSSS	LL	NN	NN	NN
WW	WW	FF	II	NN	NNNN	SS	LL	II	NN	NNNN	
WW	WW	FF	II	NN	NNNN	SS	LL	II	NN	NNNN	
WWW	WWW	FF	II	NN	NN	SS	LL	II	NN	NN	
WWW	WWW	FF	II	NN	NN	SS	LL	II	NN	NN	
WW	WW	FF	IIIIII	NN	NN	SSSSSSSS	LLLLLLLLLLLL	IIIIII	NN	NN	
WW	WW	FF	IIIIII	NN	NN	SSSSSSSS	LLLLLLLLLLLL	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
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```



```
0001 0 %TITLE 'EDT$WFINSLIN - insert a new line'
0002 0 MODULE EDT$WFINSLIN (
0003 0 IDENT = 'V04-000'
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 Insert a new line into the current text buffer.
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 EDT$$INS LN from module EDTWF.
0046 1 1-002 - Regularize headers. JBS T7-Mar-1981
0047 1 1-003 - Change index for line numbers from 10 to 15. SMB 18-Jan-1982
0048 1 1-004 - Add line number error checks and return value. SMB 3-Feb-1982
0049 1 1-005 - Handle error return from splitting a bucket. JBS 09-Jun-1982
0050 1 1-006 - New screen update logic. JBS 13-Sep-1982
0051 1 1-007 - Remove EDT$$SET_WKLN. JBS 14-Sep-1982
0052 1 1-008 - Change the call to insert lines. SMB 21-Sep-1982
0053 1 1-009 - Modify to use new 48 bit macros. SIS 01-Oct-1982
0054 1 1-010 - Modify to use new compare macro. 20-Oct-1982
0055 1 1-011 - Count inserted lines, and stop maintaining the screen data
0056 1 base if we have too many. JBS 21-Oct-1982
0057 1 1-012 - The counter also counts deleted lines. JBS 27-Oct-1982
```

EDT\$WFINSLIN
V04-000

EDT\$WFINSLIN - insert a new line

M 8
16-Sep-1984 02:07:45
14-Sep-1984 12:25:34

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

Page 2
(1)

:	58	0058	1	:	1-013	- Add parameters to SC_INSLN. SMB 02-Dec-1982
:	59	0059	1	:	1-014	- Improve code, add consistency checking. JBS 28-Dec-1982
:	60	0060	1	:	1-015	- Up the number of recs that can be inserted before SCR_REBUILD is set. SMB 16-Feb-1983
:	61	0061	1	:	1-016	- Be more defensive with select position updating. JBS 28-Feb-1983
:	62	0062	1	:	1-017	- Watch out for negative record lengths. JBS 11-Jul-1983
:	63	0063	1	:	--	
:	64	0064	1	:		

EDT\$WFINSLIN
V04-000

EDT\$WFINSLIN - insert a new line
Declarations

N 8
16-Sep-1984 02:07:45
14-Sep-1984 12:25:34

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

```
: 66      0065 1 %SBTTL 'Declarations'
: 67      0066 1
: 68      0067 1  TABLE OF CONTENTS:
: 69      0068 1
: 70      0069 1
: 71      0070 1  REQUIRE 'EDTSRC:TRAROUNAM';
: 72      0509 1
: 73      0510 1  FORWARD ROUTINE
: 74      0511 1    EDT$INS_LN;
: 75      0512 1
: 76      0513 1
: 77      0514 1  INCLUDE FILES:
: 78      0515 1
: 79      0516 1
: 80      0517 1  REQUIRE 'EDTSRC:EDTREQ';
: 81      0652 1
: 82      0653 1
: 83      0654 1  MACROS:
: 84      0655 1
: 85      0656 1    NONE
: 86      0657 1
: 87      0658 1  EQUATED SYMBOLS:
: 88      0659 1
: 89      0660 1    NONE
: 90      0661 1
: 91      0662 1  OWN STORAGE:
: 92      0663 1
: 93      0664 1    NONE
: 94      0665 1
: 95      0666 1  EXTERNAL REFERENCES:
: 96      0667 1
: 97      0668 1    In the routine
```

EDT
V04

```

99      0669 1 %SBTTL 'EDT$$INS_LN - insert a new line'
100     0670 1
101     0671 1 GLOBAL ROUTINE EDT$$INS_LN (
102     0672 1     REC_ADDR,
103     0673 1     REC_LEN
104     0674 1 ) =
105     0675 1
106     0676 1 ++
107     0677 1 FUNCTIONAL DESCRIPTION:
108     0678 1
109     0679 1     Insert a new line in the text buffer. If there is enough space in the
110     0680 1     current bucket, text is moved around to make a hole and the new line is
111     0681 1     inserted, otherwise, the bucket is split into two parts.
112     0682 1
113     0683 1 FORMAL PARAMETERS:
114     0684 1
115     0685 1     REC_ADDR           the address of the new line
116     0686 1
117     0687 1     REC_LEN           the length of the new line
118     0688 1
119     0689 1 IMPLICIT INPUTS:
120     0690 1
121     0691 1     EDT$$A_CUR_BUF
122     0692 1     EDT$$A_WK_BUK
123     0693 1     EDT$$G_WK_CURBUK
124     0694 1     EDT$$L_WK_INSCNT
125     0695 1     EDT$$A_WK_LN
126     0696 1     EDT$$L_LN00
127     0697 1     EDT$$L_SEL_LN
128     0698 1     EDT$$A_LN_PTR
129     0699 1     EDT$$G_RECS_INSERTED
130     0700 1     EDT$$G_SCR_CNS
131     0701 1
132     0702 1 IMPLICIT OUTPUTS:
133     0703 1
134     0704 1     EDT$$A_CUR_BUF
135     0705 1     EDT$$A_WK_CN
136     0706 1     EDT$$A_WK_BUK
137     0707 1     EDT$$G_WK_MODFD
138     0708 1     EDT$$L_WK_INSCNT
139     0709 1     EDT$$A_SEL_POS
140     0710 1     EDT$$G_RECS_INSERTED
141     0711 1     EDT$$G_SCR_REBUILD
142     0712 1
143     0713 1 ROUTINE VALUE:
144     0714 1
145     0715 1     0 = insertion did not occur , 1 = successful insertion
146     0716 1
147     0717 1 SIDE EFFECTS:
148     0718 1
149     0719 1     NONE
150     0720 1
151     0721 1 --
152     0722 1
153     0723 2 BEGIN
154     0724 2
155     0725 2 EXTERNAL ROUTINE
```



```
156      0726      2      EDT$FMT MSG,  
157      0727      2      EDT$WF_MAKE_CUR : NOVALUE,  
158      0728      2      EDT$WF_SPLITBUK,  
159      0729      2      EDT$SEC_RNGPOS,  
160      0730      2      EDT$SC_INSLN : NOVALUE;  
161      0731      2  
162      0732      2      EXTERNAL  
163      0733      2      EDT$SL_MAX_LINES : LN_BLOCK,      ! Maximum lines EDT can handle  
164      0734      2      EDT$A_CUR_BUF : REF TBCB_BLOCK,    ! Current text buffer control block  
165      0735      2      EDT$A_WK_BUK :                      ! Pointer to current bucket  
166      0736      2      REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),  
167      0737      2      EDT$G_WK_CURBUK,                    ! Number of the current bucket  
168      0738      2      EDT$SL_WK_INSCNT : LN_BLOCK,        ! The count of inserted lines  
169      0739      2      EDT$A_WK_LN : REF LIN_BLOCK,        ! Pointer to current line  
170      0740      2      EDT$G_WK_MODFD,                      ! Flag indicating bucket was modified  
171      0741      2      EDT$SL_LNDO : LNOVECTOR [14],  
172      0742      2      EDT$A_SEL_POS,                        ! Select position  
173      0743      2      EDT$A_LN_PTR,                        ! Pointer into line buffer  
174      0744      2      EDT$ST_LN_BUF,                        ! The line buffer  
175      0745      2      EDT$SL_SEC_LN,                        ! Select line  
176      0746      2      EDT$G_SCR_LNS,                        ! The number of text lines on the screen  
177      0747      2      EDT$G_RECS_INSERTED,                  ! Number of records inserted and deleted since the last screen update  
178      0748      2      EDT$G_SCR_REBUILD;                    ! 1 = the screen data structures must be rebuilt from the work file  
179      0749      2  
180      0750      2      MESSAGES ((MAXLINVAL, INSMEM));  
181      0751      2  
182      0752      2      LOCAL  
183      0753      2      OLD_NEXT,  
184      0754      2      INS_LEN;  
185      0755      2  
186      0756      2      ASSERT (.REC_LEN GEQ 0);  
187      0757      2  
188      0758      2      !+ Make sure we aren't exceeding the maximum number of lines allowed.  
189      0759      2      !-  
190      0760      2  
191      0761      2      IF (CMPLNO (EDT$A_CUR_BUF [TBCB_LINE_COUNT], EDT$SL_MAX_LINES) GEQ 0)  
192      0762      2      THEN  
193      0763      2      BEGIN  
194      0764      2      EDT$FMT MSG (EDT$_MAXLINVAL);  
195      0765      2      RETURN (0);  
196      0766      2      END;  
197      0767      2  
198      0768      2      !+ Fix up select range if necessary.  
199      0769      2      !-  
200      0770      2  
201      0771      2      CASE EDT$SEL_RNGPOS () FROM -1 TO 1 OF  
202      0772      2      SET  
203      0773      2      [0] :                                ! Current line is select line  
204      0774      2  
205      0775      2      IF CH$PTR_GTR (.EDT$A_SEL_POS, .EDT$A_LN_PTR)  
206      0776      2      THEN  
207      0777      2      BEGIN  
208      0778      2      EDT$A_SEL_POS = MINA (EDT$ST_LN_BUF, CH$PLUS (.EDT$A_SEL_POS, -.REC_LEN));  
209      0779      2      ADDLINE (NUMBER_ONE, EDT$SL_SEL_LN);  
210      0780      2      END;  
211      0781      2  
212      0782      2
```



```
213 0783 2
214 0784 2
215 0785 2 [1] : ! Current line is before select line
216 0786 2 ADDLINE (NUMBER_ONE, EDT$$L_SEL_LN);
217 0787 2 [-1] : ! Current line is after select line, or no select
218 0788 2 BEGIN
219 0789 2 0
220 0790 2 END;
221 0791 2
222 0792 2 [OUTRANGE] :
223 0793 2 ASSERT (0);
224 0794 2 TES;
225 0795 2
226 0796 2 +
227 0797 2 - If we are not going to rebuild the screen data base from the work file,
228 0798 2 tell the screen updater that we have inserted a line.
229 0799 2
230 0800 2
231 0801 2 IF ( NOT .EDT$$G_SCR_REBUILD)
232 0802 2 THEN
233 0803 2 BEGIN
234 0804 2 EDT$$G_RECS_INSERTED = .EDT$$G_RECS_INSERTED + 1;
235 0805 2
236 0806 2 IF (.EDT$$G_RECS_INSERTED GTR (.EDT$$G_SCR_LNS*2))
237 0807 2 THEN
238 0808 2 EDT$$G_SCR_REBUILD = 1
239 0809 2 ELSE
240 0810 2 EDT$$SC_INSLN (.REC_ADDR, .REC_LEN);
241 0811 2
242 0812 2 END;
243 0813 2
244 0814 2 +
245 0815 2 - Update the various counters for this text buffer.
246 0816 2
247 0817 2 ADDLINE (NUMBER ONE, EDT$$A_CUR_BUF [TBCB_LINE_COUNT]);
248 0818 2 EDT$$A_CUR_BUF [TBCB_CHAR_COUNT] = .EDT$$A_CUR_BUF [TBCB_CHAR_COUNT] + .REC_LEN;
249 0819 2 ADDLINE (NUMBER ONE, EDT$$A_CUR_BUF [TBCB_CUR_IN]);
250 0820 2 EDT$$A_WK_LN = CH$PTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR]);
251 0821 2 +
252 0822 2 - Compute the length of the line to be inserted, including the line number information.
253 0823 2
254 0824 2 INS_LEN = .REC_LEN + LIN_FIXED_SIZE + 1;
255 0825 2 +
256 0826 2 - Will it fit in this bucket?
257 0827 2
258 0828 2
259 0829 2 IF ((.EDT$$A_WK_BUK [WFB_END] + .INS_LEN) GTRU WFBUKT_SIZE)
260 0830 2 THEN
261 0831 2 +
262 0832 2 - If we are at the beginning of a bucket and it is not the
263 0833 2 first bucket, then check out the previous bucket.
264 0834 2
265 0835 2
266 0836 2 IF ((.EDT$$A_CUR_BUF [TBCB_LINE_ADDR] EQL WFB_FIXED_SIZE) AND !
267 0837 2 (.EDT$$A_WK_BUK [WFB_PREV_BUKT] NEQ 0))
268 0838 2 THEN
269 0839 2 BEGIN
```



```
270 0840 +
271 0841 Read the previous bucket and position to it's end.
272 0842 -
273 0843 EDT$WF_MAKECUR (.EDT$A_WK_BUK [WFB_PREV_BUKT]);
274 0844 EDT$A_CUR_BUF [TBCB_LINE_ADDR] = .EDT$A_WK_BUK [WFB_END];
275 0845 EDT$A_CUR_BUF [TBCB_CUR_BUKT] = .EDT$G_WK_CURBUK;
276 0846 END;
277 0847
278 0848 +
279 0849 If it still doesn't fit, then split the bucket. Note that
280 0850 the while loop is here because it may not fit after the first
281 0851 split. In this case the second split is guaranteed to create
282 0852 a new bucket and the line must fit.
283 0853 -
284 0854
285 0855 WHILE ((.EDT$A_WK_BUK [WFB_END] + .INS_LEN) GTRU WF_BUKT_SIZE) DO
286 0856 BEGIN
287 0857
288 0858 IF ( NOT EDT$WF_SPLTBUK () )
289 0859 THEN
290 0860 BEGIN
291 0861 EDT$FMT_MSG (EDT$_INSMEM);
292 0862 RETURN (0);
293 0863 END;
294 0864
295 0865 END;
296 0866
297 0867 +
298 0868 Make a hole for the line to be inserted.
299 0869 -
300 0870 EDT$A_WK_LN = CH$PTR (.EDT$A_WK_BUK, .EDT$A_CUR_BUF [TBCB_LINE_ADDR]);
301 0871 EDT$COPY_MEM (.EDT$A_WK_BUK [WFB_END] - .EDT$A_CUR_BUF [TBCB_LINE_ADDR], !
302 0872 .EDT$A_WK_LN, !
303 0873 CH$PLUS (.EDT$A_WK_LN, .INS_LEN));
304 0874
305 0875 +
306 0876 Update the end of bucket field to reflect new size.
307 0877 EDT$A_WK_BUK [WFB_END] = .EDT$A_WK_BUK [WFB_END] + .INS_LEN;
308 0878
309 0879 +
310 0880 And move the line into the bucket buffer.
311 0881 EDT$A_WK_LN [LIN_LENGTH] = .REC_LEN;
312 0882 CH$WCHAR (.REC_LEN, EDT$COPY_MEM (.REC_LEN, .REC_ADDR, EDT$A_WK_LN [LIN_TEXT]));
313 0883
314 0884 +
315 0885 Update the record pointer
316 0886 EDT$A_CUR_BUF [TBCB_LINE_ADDR] = .EDT$A_CUR_BUF [TBCB_LINE_ADDR] + .INS_LEN;
317 0887
318 0888 +
319 0889 Set the 'modified' flag, and bump the count of inserted lines.
320 0890 EDT$G_WK_MODFD = 1;
321 0891 ADDLINE (NUMBER_ONE, EDT$L_WK_INSCNT);
322 0892
323 0893 +
324 0894 Now make sure we are positioned correctly.
325 0895
326 0896 IF (.EDT$A_CUR_BUF [TBCB_LINE_ADDR] GEQ .EDT$A_WK_BUK [WFB_END])
```


EDT\$WFINSLIN
V04-000

EDT\$WFINSLIN - insert a new line
EDT\$\$INS_LN - insert a new line

F 9
16-Sep-1984 02:07:45
14-Sep-1984 12:25:34

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFINSLIN.BLI;1 Page 8 (3)

```

327      0897      2      THEN
328      0898
329      0899      IF (.EDT$$A_WK_BUK [WFB_NEXT_BUKT] NEQ 0)
330      0900      THEN
331      0901      BEGIN
332      0902      EDT$$WF_MAKECUR (.EDT$$A_WK_BUK [WFB_NEXT_BUKT]);
333      0903      EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = WFB_FIXED_SIZE;
334      0904      EDT$$A_CUR_BUF [TBCB_CUR_BUKT] = .EDT$$G_WK_CURBUK;
335      0905      END;
336      0906
337      0907      EDT$$A_WK_LN = CH$PTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR]);
338      0908      RETURN (1)
339      0909      END;

```

! of routine EDT\$\$INS_LN

.TITLE EDT\$WFINSLIN EDT\$WFINSLIN - insert a new line
.IDENT \V04-000\

.EXTRN EDT\$\$FMT MSG, EDT\$\$WF_MAKECUR
.EXTRN EDT\$\$WF_SPLTBUK
.EXTRN EDT\$\$SEC_RNGPOS
.EXTRN EDT\$\$SC_INSLN, EDT\$\$L_MAX_LINES
.EXTRN EDT\$\$A_CUR_BUF, EDT\$\$A_WK_BUK
.EXTRN EDT\$\$G_WK_CURBUK
.EXTRN EDT\$\$L_WK_INSCNT
.EXTRN EDT\$\$A_WK_LN, EDT\$\$G_WK_MODFD
.EXTRN EDT\$\$L_LN00, EDT\$\$A_SEL_POS
.EXTRN EDT\$\$A_LN_PTR, EDT\$\$T_LN_BUF
.EXTRN EDT\$\$L_SEC_LN, EDT\$\$G_SCR_LNS
.EXTRN EDT\$\$G_RECS_INSERTED
.EXTRN EDT\$\$G_SCR_REBUILD
.EXTRN EDT\$ MAXLINVAL, EDT\$_INSMEM
.EXTRN EDT\$\$INTER_ERR

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

.ENTRY EDT\$\$INS_LN, Save R2,R3,R4,R5,R6,R7,R8,R9,- : 0671
R10,R11
MOVAB EDT\$\$A_CUR_BUF, R11
MOVL REC_LEN, R10 : 0756
BGEQ 1\$
CALLS #0, EDT\$\$INTER_ERR
ADDL3 #24, EDT\$\$A_CUR_BUF, R0 : 0761
MOVZWL HIGH 2, R1
CMPW 4(R0), R1
BLSSU 2\$
BNEQ 4\$
MOVL LOW 2, R1
CMPL (R0), R1
BGEQU 3\$
MNEGL #1, R0
BRB 5\$
BNEQ 4\$
CLPL R0
BRB 5\$
MOVL #1, R0
BLSS 6\$

OFFC 00000
5B 00000000G 00 9E 00002
5A 08 AC D0 00009
07 18 0000D
50 00000000G 00 FB 0000F 1\$:
6B 18 C1 00016
51 00000000G 00 3C 0001A
51 04 A0 B1 00021
0E 1F 00025
17 12 00027
51 00000000G 00 D0 00029
51 60 D1 00030
05 1E 00033
50 01 CE 00035 2\$:
09 11 00038
04 12 0003A 3\$:
50 D4 0003C
03 11 0003E
50 01 D0 00040 4\$:
09 19 00043 5\$:

		00000000G	8F	DD	00045	PUSHL	#EDT\$_MAXLINVAL	0764
			010E	31	0004B	BRW	17\$	
02	00000000G	00	00	FB	0004E	CALLS	#0, EDT\$\$SEL_RNGPOS	0772
0038	FFFFFFFF	8F	50	CF	00055	CASEL	R0, #-1, #2	
		000F	0046		0005D	.WORD	11\$-7\$,-	
							8\$-7\$,-	
							10\$-7\$	
	00000000G	00	00	FB	00063	CALLS	#0, EDT\$\$INTER_ERR	0793
			37	11	0006A	BRB	11\$	0772
		50	00000000G	00	D0	0006C	8\$:	0777
	00000000G	00	50	D1	00073	MOVL	EDT\$\$A_SEL_POS, R0	
			27	1B	0007A	CMPL	R0, EDT\$\$A_LN_PTR	
		50	5A	C2	0007C	BLEQU	11\$	0780
		51	00000000G	00	9E	0007F	SUBL2	R10, R0
		51	50	D1	00086	MOVAB	EDT\$\$T_LN_BUF, R1	
			03	1B	00089	CMPL	R0, R1	
		50	51	D0	0008B	BLEQU	9\$	
	00000000G	00	50	D0	0008E	MOVL	R1, R0	
		00000000G	00	D6	00095	MOVL	R0, EDT\$\$A_SEL_POS	0785
			06	12	0009B	INCL	FIRST_LWORD	
		2C	00000000G	00	B6	0009D	BNEQ	11\$
		00000000G	00	E8	000A3	INCL	NEXT_WORD	0801
		00000000G	00	D6	000AA	BLBS	EDT\$\$G_SCR_REBUILD, 13\$	0804
50	00000000G	00	01	78	000B0	INCL	EDT\$\$G_RECS_INSERTED	0806
		50	00000000G	00	D1	000B8	ASHL	#1, EDT\$\$G_SCR_LNS, R0
			09	15	000BF	CMPL	EDT\$\$G_RECS_INSERTED, R0	
	00000000G	00	01	D0	000C1	BLEQ	12\$	
			0C	11	000C8	MOVL	#1, EDT\$\$G_SCR_REBUILD	0808
			5A	DD	000CA	BRB	13\$	
		04	AC	DD	000CC	PUSHL	R10	0810
	00000000G	00	02	FB	000CF	PUSHL	REC_ADDR	
		50	6B	D0	000D6	CALLS	#2, EDT\$\$SC_INSLN	0817
			18	A0	000D9	MOVL	EDT\$\$A_CUR_BUF, R0	
			03	12	000DC	INCL	24(R0)	
		1C	A0	B6	000DE	BNEQ	14\$	
			5A	C0	000E1	INCL	28(R0)	0818
1E	A0		A0	D6	000E5	ADDL2	R10, 30(R0)	0819
		06	A0	D6	000E5	INCL	6(R0)	
			03	12	000E8	BNEQ	15\$	
		0A	A0	B6	000EA	INCL	10(R0)	
		51	00000000G	00	D0	000ED	15\$:	0820
		51	60	C1	000F4	MOVL	EDT\$\$A_WK_BUK, R1	
		56	08	AA	9E	000FC	ADDL3	(R0), R1, EDT\$\$A_WK_LN
		56	04	A1	C1	00100	MOVAB	8(R10), INS_LEN
52		8F	52	D1	00105	ADDL3	4(R1), INS_LEN, R2	0829
	00000200		29	1B	0010C	CMPL	R2, #512	
			60	D1	0010E	BLEQU	16\$	
		08	24	12	00111	CMPL	(R0), #8	0836
			61	B5	00113	BNEQ	16\$	
			20	13	00115	TSTW	(R1)	0837
			61	3C	00117	BEQL	16\$	
	00000000G	7E	00	01	FB	0011A	MOVZWL	(R1), -(SP)
		51	6B	D0	00121	CALLS	#1, EDT\$\$WF_MAKECUR	0843
		50	00000000G	00	D0	00124	MOVL	EDT\$\$A_CUR_BUF, R1
		61	04	A0	D0	0012B	MOVL	EDT\$\$A_WK_BUK, R0
		04	A1	00000000G	00	B0	0012F	0844
		50	00000000G	00	D0	00137	16\$:	0845
50		56	04	A0	C1	0013E	MOVL	EDT\$\$G_WK_CURBUK, 4(R1)
						ADDL3	EDT\$\$A_WK_BUK, R0	0855
							4(R0), INS_LEN, R0	

EDT\$WFINSLIN
V04-000

EDT\$WFINSLIN - insert a new line
EDT\$\$INS_LN - insert a new line

H 9
16-Sep-1984 02:07:45
14-Sep-1984 12:25:34

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DISK\$VMSMASTER:[EDT.SRC]WFINSLIN.BLI;1

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00000200	8F	50	D1	00143	CMPL	R0, #512	:
		17	1B	0014A	BLEQU	18\$	:
00000000G	00	00	FB	0014C	CALLS	#0, EDT\$WF_SPLTBUK	0858
	E1	50	EB	00153	BLBS	R0, 16\$	:
	00000000G	8F	DD	00156	PUSHL	#EDT\$ INSMEM	0861
00000000G	00	01	FB	0015C	CALLS	#1, EDT\$FMT_MSG	:
		0082	31	00163	BRW	21\$	0862
	57 00000000G	00	D0	00166	MOVL	EDT\$A_WK_BUK, R7	0870
	59	68	D0	0016D	MOVL	EDT\$A_CUR_BUF, R9	:
00000000G	00	69	C1	00170	ADDL3	(R9), R7, EDT\$A_WK_LN	:
	57	69	C3	00178	SUBL3	(R9), 4(R7), R0	0873
	04 A7	00	D0	0017D	MOVL	EDT\$A_WK_LN, R8	:
	6648	50	28	00184	MOVC3	R0, (R8), -(INS_LEN)[R8]	:
	04 A7	56	C0	00189	ADDL2	INS_LEN, 4(R7)	0877
	68	5A	90	0018D	MOVB	R10, (R8)	0881
07 A8	04 BC	5A	28	00190	MOVC3	R10, @REC_ADDR, 7(R8)	0882
	63	5A	90	00196	MOVB	R10, (R3)	:
	69	56	C0	00199	ADDL2	INS_LEN, (R9)	0886
00000000G	00	01	D0	0019C	MOVL	#1, EDT\$G_WK_MODFD	0890
	00000000G	00	D6	001A3	INCL	FIRST_LWORD	0891
		06	12	001A9	BNEQ	19\$	:
	04 A7	00	B6	001AB	INCL	NEXT_WORD	:
		69	D1	001B1	CMPL	(R9), 4(R7)	0896
		1E	19	001B5	BLSS	20\$	:
		02 A7	B5	001B7	TSTW	2(R7)	0899
		19	13	001BA	BEQL	20\$	:
	7E 02	A7	3C	001BC	MOVZWL	2(R7), -(SP)	0902
00000000G	00	01	FB	001C0	CALLS	#1, EDT\$WF_MAKECUR	:
	50	6B	D0	001C7	MOVL	EDT\$A_CUR_BUF, R0	0903
	60	08	D0	001CA	MOVL	#8, (R0)	:
	04 A0	00	B0	001CD	MOVW	EDT\$G_WK_CURBUK, 4(R0)	0904
	50	6B	D0	001D5	MOVL	EDT\$A_CUR_BUF, R0	0907
00000000G	00	60	C1	001D8	ADDL3	(R0), EDT\$A_WK_BUK, EDT\$A_WK_LN	:
	50	01	D0	001E4	MOVL	#1, R0	0908
		04	001E7	RET			:
		50	D4	001E8	CLRL	R0	0909
		04	001EA	RET			:

; Routine Size: 491 bytes, Routine Base: _EDT\$CODE + 0000

; 340 0910 1
; 341 0911 1 !<BLF/PAGE>

EDT\$WFINSLIN
V04-000

EDT\$WFINSLIN - insert a new line
EDT\$\$INS_LN - insert a new line

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

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: 343
: 344
: 345
0912 1 END
0913 1
0914 0 ELUDOM

! of module EDT\$WFINSLIN

PSECT SUMMARY

Name Bytes Attributes
_EDT\$CODE 491 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	51	13	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\$:WFINSLIN/OBJ=OBJ\$:WFINSLIN MSRC\$:WFINSLIN.BLI/UPDATE=(ENH\$:WF IN
SLIN)

: Size: 491 code + 0 data bytes
: Run Time: 00:25.2
: Elapsed Time: 00:29.5
: Lines/CPU Min: 2178
: Lexemes/CPU-Min: 13866
: Memory Used: 189 pages
: Compilation Complete

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

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