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EXE

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LL                      II          SSSSSS
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LL                      II          SS
LLLLLLLLLLLL           IIIIII      SSSSSSSS
LLLLLLLLLLLL           IIIIII      SSSSSSSS

```



```
0001 0 %TITLE 'EDT$WFSTRINS - start an INSERT operation'
0002 0 MODULE EDT$WFSTRINS ( ! Start an INSERT operation
0003 0 IDENT = 'V04-000' ! File: WFSTRINS.BLI Edit: JBS1003
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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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 Start an INSERT operation.
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$$START_INS from module EDTWF.
0046 1 1-002 - Regularize headers. JBS 19-Mar-1981
0047 1 1-003 - Improve the appearance of the listing. JBS 20-Jun-1983
0048 1 --
0049 1
```

EDT\$WFSTRINS
V04-000

EDT\$WFSTRINS - start an INSERT operation
Declarations

G 16
16-Sep-1984 02:15:40
14-Sep-1984 12:25:45

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

```
: 51      0050 1 %SBTTL 'Declarations'
: 52      0051 1
: 53      0052 1 | TABLE OF CONTENTS:
: 54      0053 1 |
: 55      0054 1
: 56      0055 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 57      0494 1
: 58      0495 1 FORWARD ROUTINE
: 59      0496 1     EDT$$START_INS : NOVALUE;
: 60      0497 1
: 61      0498 1 |
: 62      0499 1 | INCLUDE FILES:
: 63      0500 1 |
: 64      0501 1
: 65      0502 1 REQUIRE 'EDTSRC:EDTREQ';
: 66      0637 1
: 67      0638 1 |
: 68      0639 1 | MACROS:
: 69      0640 1
: 70      0641 1 |     NONE
: 71      0642 1
: 72      0643 1 | EQUATED SYMBOLS:
: 73      0644 1
: 74      0645 1 |     NONE
: 75      0646 1
: 76      0647 1 | OWN STORAGE:
: 77      0648 1
: 78      0649 1 |     NONE
: 79      0650 1
: 80      0651 1 | EXTERNAL REFERENCES:
: 81      0652 1
: 82      0653 1 |     In the routine
```



```

84 0654 1 %SBTTL 'EDT$$START_INS - start an INSERT operation'
85 0655 1
86 0656 1 GLOBAL ROUTINE EDT$$START_INS ! Start an INSERT operation
87 0657 1 : NOVALUE =
88 0658 1
89 0659 1 ++
90 0660 1 FUNCTIONAL DESCRIPTION:
91 0661 1
92 0662 1 This routine is called to start the insertion of text. The new lines
93 0663 1 will be inserted immediately before the current line. The insert
94 0664 1 count, EDT$$L_WK_INSCNT, is set to zero, and the numbers of the current and
95 0665 1 preceding lines are saved.
96 0666 1
97 0667 1 FORMAL PARAMETERS:
98 0668 1
99 0669 1 NONE
100 0670 1
101 0671 1 IMPLICIT INPUTS:
102 0672 1
103 0673 1 EDT$$A_WK_LN
104 0674 1 EDT$$L_WK_NXTLN
105 0675 1 EDT$$L_WK_STARTNO
106 0676 1 EDT$$L_LNO_ZERO
107 0677 1
108 0678 1 IMPLICIT OUTPUTS:
109 0679 1
110 0680 1 EDT$$L_WK_INSCNT
111 0681 1
112 0682 1 ROUTINE VALUE:
113 0683 1
114 0684 1 NONE
115 0685 1
116 0686 1 SIDE EFFECTS:
117 0687 1
118 0688 1 NONE
119 0689 1
120 0690 1 --
121 0691 1
122 0692 2 BEGIN
123 0693 2
124 0694 2 EXTERNAL ROUTINE
125 0695 2 EDT$$RD_PRVLN,
126 0696 2 EDT$$RD_NXTLN;
127 0697 2
128 0698 2 EXTERNAL
129 0699 2 EDT$$L_WK_INSCNT : LN_BLOCK, ! The count of inserted lines
130 0700 2 EDT$$A_WK_LN : REF LN_BLOCK, ! Pointer to current line
131 0701 2 EDT$$L_WK_NXTLN : LN_BLOCK, ! Line number following an insert
132 0702 2 EDT$$L_WK_STARTNO : LN_BLOCK, ! Line number of line preceding an insert
133 0703 2 EDT$$L_LNO_ZERO : LN_BLOCK;
134 0704 2
135 0705 2 ++
136 0706 2 Zero out the insert line counter
137 0707 2 --
138 0708 2 MOVELINE (EDT$$L_LNO_ZERO, EDT$$L_WK_INSCNT);
139 0709 2 ++
140 0710 2 Save the current line number, bucket number, and line address
```



```
! of routine EDT$$$START_INS
```

.ENTRY	EDT\$\$\$START_INS, Save R2,R3,R4,R5,R6,R7,R8	: 0656
MOVAB	EDT\$\$\$LNO_ZERO, R8	:
MOVAB	EDT\$\$\$WK_STARTNO, R7	:
MOVAB	EDT\$\$\$WK_LN, R6	:
MOV C3	#6, EDT\$\$\$LNO_ZERO, EDT\$\$\$WK_INSCNT	: 0708
MOVL	EDT\$\$\$WK_LN, R0	: 0712
MOV C3	#6, 1(R0), EDT\$\$\$WK_NXTLNO	:
CALLS	#0, EDT\$\$\$RD_PRVLN	: 0717
BLBC	R0, 1\$	:
MOVL	EDT\$\$\$WK_LN, R0	: 0720
MOV C3	#6, 1(R0), EDT\$\$\$WK_STARTNO	:
CALLS	#0, EDT\$\$\$RD_NXTLN	: 0721
RET		:
MOV C3	#6, EDT\$\$\$LNO_ZERO, EDT\$\$\$WK_STARTNO	: 0727
RET		: 0729

```

: 160      0730 1
: 161      0731 1 !<BLF/PAGE>

```


EDT\$WFSTRINS
V04-000

EDT\$WFSTRINS - start an INSERT operation
EDT\$\$START_INS - start an INSERT operation

J 16
16-Sep-1984 02:15:40
14-Sep-1984 12:25:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMMASTER:[EDT.SRC]WFSTRINS.BLI;1 Page 5 (4)

: 163 0732 1 END
: 164 0733 1
: 165 0734 0 ELUDOM

! of module EDT\$WFSTRINS

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	74	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	14	3	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\$:WFSTRINS/OBJ=OBJ\$:WFSTRINS MSRC\$:WFSTRINS.BLI/UPDATE=(ENHS\$:WFSTRINS)

: Size: 74 code + 0 data bytes
: Run Time: 00:10.2
: Elapsed Time: 00:12.4
: Lines/CPU Min: 4330
: Lexemes/CPU-Min: 12483
: Memory Used: 64 pages
: Compilation Complete

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

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