


```

CCCCCCCC HH   HH   MM   MM   GGGGGGGG   IIIIII   NN   NN   SSSSSSSS   TTTTTTTTTT   RRRRRRRR
CCCCCCCC HH   HH   MM   MM   GGGGGGGG   IIIIII   NN   NN   SSSSSSSS   TTTTTTTTTT   RRRRRRRR
CC        HH   HH   MMMM  MMMM  GG        II   NN   NN   SS        TT        RR        RR
CC        HH   HH   MMMM  MMMM  GG        II   NN   NN   SS        TT        RR        RR
CC        HH   HH   MM   MM   GG        II   NNNN  NN   SS        TT        RR        RR
CC        HH   HH   MM   MM   GG        II   NN   NN   SS        TT        RR        RR
CC        HHHHHHHHHH MM   MM   GG        II   NN   NN   SSSSSS  TT        RRRRRRRR
CC        HHHHHHHHHH MM   MM   GG        II   NN   NN   SSSSSS  TT        RRRRRRRR
CC        HH   HH   MM   MM   GG   GGGGGG   II   NN   NNNN  SS        TT        RR   RR
CC        HH   HH   MM   MM   GG   GGGGGG   II   NN   NNNN  SS        TT        RR   RR
CC        HH   HH   MM   MM   GG        GG        II   NN   NN   SS        TT        RR   RR
CC        HH   HH   MM   MM   GG        GG        II   NN   NN   SS        TT        RR   RR
CCCCCCCC HH   HH   MM   MM   GGGGGG   IIIIII   NN   NN   SSSSSSSS  TT        RR        RR
CCCCCCCC HH   HH   MM   MM   GGGGGG   IIIIII   NN   NN   SSSSSSSS  TT        RR        RR

```

```

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
LLLLLLLLLL IIIIII   SSSSSSSS
LLLLLLLLLL IIIIII   SSSSSSSS

```



```

1 0001 0 %TITLE 'EDT$CHMGINSTR - scan an insert command string'
2 0002 0 MODULE EDT$CHMGINSTR ( ! Scan an insert command string
3 0003 0 IDENT = 'V04-000' ! File: CHMGINSTR.BLI Edit: JBS1004
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 This module scans over the string of characters to be inserted
37 0037 1 by an insert command.
38 0038 1
39 0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
40 0040 1
41 0041 1 AUTHOR: Bob Kushtis, CREATION DATE: Unknown
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
46 0046 1 extracting the routine EDT$$SCAN_INSSTR from module CHANGE.BLI.
47 0047 1 1-002 - Regularize headers. JBS 02-Mar-1981
48 0048 1 1-003 - Add a return value to indicate end of journal file. JBS 02-Oct-1981
49 0049 1 1-004 - Improve the appearance of the listing. JBS 13-Jun-1983
50 0050 1 --
51 0051 1

```

```
: 53      0052  1  %SBTTL 'Declarations'  
: 54      0053  1  |  
: 55      0054  1  | TABLE OF CONTENTS:  
: 56      0055  1  |  
: 57      0056  1  |  
: 58      0057  1  | REQUIRE 'EDT$SRC:TRAROUNAM';  
: 59      0496  1  |  
: 60      0497  1  | FORWARD ROUTINE  
: 61      0498  1  |     EDT$$$SCAN_INSSTR;  
: 62      0499  1  |  
: 63      0500  1  | |  
: 64      0501  1  | | INCLUDE FILES:  
: 65      0502  1  | |  
: 66      0503  1  | |  
: 67      0504  1  | | REQUIRE 'EDT$SRC:EDTREQ';  
: 68      0639  1  | |  
: 69      0640  1  | |  
: 70      0641  1  | | MACROS:  
: 71      0642  1  | |  
: 72      0643  1  | |     NONE  
: 73      0644  1  | |  
: 74      0645  1  | | EQUATED SYMBOLS:  
: 75      0646  1  | |  
: 76      0647  1  | |     NONE  
: 77      0648  1  | |  
: 78      0649  1  | | OWN STORAGE:  
: 79      0650  1  | |  
: 80      0651  1  | |     NONE  
: 81      0652  1  | |  
: 82      0653  1  | | EXTERNAL REFERENCES:  
: 83      0654  1  | |  
: 84      0655  1  | |     In the routine
```

! Scan over the string of characters to be inserted


```

: 86      0656 1 %SBTTL 'EDT$$SCAN_INSSTR - scan an insert command'
: 87      0657 1
: 88      0658 1 GLOBAL ROUTINE EDT$$SCAN_INSSTR          ! Scan an insert command
: 89      0659 1 =
: 90      0660 1
: 91      0661 1 !++
: 92      0662 1 ! FUNCTIONAL DESCRIPTION:
: 93      0663 1
: 94      0664 1     This routine scans over the string of characters to be inserted by
: 95      0665 1     an insert command.
: 96      0666 1
: 97      0667 1     An insert string is delimited by either a CTRL/Z character, or the printable
: 98      0668 1     equivalent of ^Z or ^z.
: 99      0669 1
: 100     0670 1     The command pointer EDT$$A_CMD_BUF is left pointing one character beyond the command.
: 101     0671 1
: 102     0672 1 FORMAL PARAMETERS:
: 103     0673 1
: 104     0674 1     NONE
: 105     0675 1
: 106     0676 1 IMPLICIT INPUTS:
: 107     0677 1
: 108     0678 1     EDT$$A_CMD_END
: 109     0679 1     EDT$$A_CMD_BUF
: 110     0680 1
: 111     0681 1 IMPLICIT OUTPUTS:
: 112     0682 1
: 113     0683 1     EDT$$A_CMD_BUF
: 114     0684 1     EDT$$G_SEA_LEN
: 115     0685 1
: 116     0686 1 ROUTINE VALUE:
: 117     0687 1
: 118     0688 1     1 = ok, 0 = end of journal file
: 119     0689 1
: 120     0690 1 SIDE EFFECTS:
: 121     0691 1
: 122     0692 1     NONE
: 123     0693 1
: 124     0694 1 --
: 125     0695 1
: 126     0696 2 BEGIN
: 127     0697 2
: 128     0698 2 EXTERNAL ROUTINE
: 129     0699 2     EDT$$INS_MOD;          ! Process no-keypad insertion
: 130     0700 2
: 131     0701 2 EXTERNAL
: 132     0702 2     EDT$$A_CMD_END,      ! End of command pointer
: 133     0703 2     EDT$$A_CMD_BUF,      ! Command string pointer
: 134     0704 2     EDT$$G_SEA_LEN;      ! Length of search string.
: 135     0705 2
: 136     0706 2 LOCAL
: 137     0707 2     SUCCEED;
: 138     0708 2
: 139     0709 2     SUCCEED = 1;
: 140     0710 2     EDT$$G_SEA_LEN = 0;
: 141     0711 2
: 142     0712 2 WHILE 1 DO
```

```

: 143      0713  3      BEGIN
: 144      0714  3
: 145      0715  4      IF CH$PTR_EQL (.EDT$$A_CMD_BUF, .EDT$$A_CMD_END)
: 146      0716  3      THEN
: 147      0717  4          BEGIN
: 148      0718  4              SUCCEED = EDT$$INS_MOD ();
: 149      0719  4              EXITLOOP;
: 150      0720  4              END;
: 151      0721  3
: 152      0722  4      IF (CH$RCHAR (.EDT$$A_CMD_BUF) EQL ASC_K_CTRL_Z)
: 153      0723  3      THEN
: 154      0724  4          BEGIN
: 155      0725  4              EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, 1);
: 156      0726  4              EXITLOOP;
: 157      0727  3              END;
: 158      0728  3
: 159      0729  4      IF ((CH$RCHAR (.EDT$$A_CMD_BUF) EQL %C'^') AND !
: 160      0730  5          ((CH$RCHAR (CH$PTR (.EDT$$A_CMD_BUF, 1)) EQL %C'Z') OR !
: 161      0731  4          (CH$RCHAR (CH$PTR (.EDT$$A_CMD_BUF, 1)) EQL %C'z'))
: 162      0732  3      THEN
: 163      0733  4          BEGIN
: 164      0734  4              EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, 2);
: 165      0735  4              EXITLOOP;
: 166      0736  3              END;
: 167      0737  3
: 168      0738  3          EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, 1);
: 169      0739  3          EDT$$G_SEA_LEN = .EDT$$G_SEA_LEN + 1;
: 170      0740  2          END;
: 171      0741  2
: 172      0742  2      RETURN (.SUCCEED);
: 173      0743  1      END;

```

! of routine EDT\$\$\$SCAN_INSSTR

```

.TITLE EDT$CHMGINSTR EDT$CHMGINSTR - scan an insert co
      mmand string
.IDENT \V04-000\
.EXTRN EDT$$INS_MOD, EDT$$A_CMD_END
.EXTRN EDT$$A_CMD_BUF, EDT$$G_SEA_LEN
.PSECT _EDT$CODE,NOWRT, SHR, PIC,2

```

		000C 00000		.ENTRY	EDT\$\$\$SCAN_INSSTR, Save R2,R3	: 0658
	53 00000000G	00 9E 00002		MOVAB	EDT\$\$G_SEA_LEN, R3	: 0709
	52 00000000G	00 9E 00009		MOVAB	EDT\$\$A_CMD_BUF, R2	: 0710
	50	01 D0 00010		MOVL	#1, SUCCEED	: 0715
	00000000G	00 63 D4 00013		CLRL	EDT\$\$G_SEA_LEN	: 0718
		62 D1 00015	1\$:	CMP	EDT\$\$A_CMD_BUF, EDT\$\$A_CMD_END	: 0717
		08 12 0001C		BNEQ	2\$: 0722
	00000000G	00 00 FB 0001E		CALLS	#0, EDT\$\$INS_MOD	: 0725
		04 00025		RET		: 0724
	51	62 D0 00026	2\$:	MOVL	EDT\$\$A_CMD_BUF, R1	: 0729
	1A	61 91 00029		CMPB	(R1), #26	
		03 12 0002C		BNEQ	3\$	
		62 D6 0002E		INCL	EDT\$\$A_CMD_BUF	
		04 00030		RET		
	51	62 D0 00031	3\$:	MOVL	EDT\$\$A_CMD_BUF, R1	

EDT\$CHMGINSTR
V04-000

EDT\$CHMGINSTR - scan an insert command string
EDT\$\$SCAN_INSSTR - scan an insert command

H 11
15-Sep-1984 23:58:28
14-Sep-1984 12:22:32

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMGINSTR.BLI;1

Page 5
(3)

5E	8F		61	91	00034		CMPB	(R1), #94	:
			12	12	00038		BNEQ	5\$:
5A	8F	01	A1	91	0003A		CMPB	1(R1), #90	: 0730
			07	13	0003F		BEQL	4\$:
7A	8F	01	A1	91	00041		CMPB	1(R1), #122	: 0731
			04	12	00046		BNEQ	5\$:
	62		02	C0	00048	4\$:	ADDL2	#2, EDT\$\$A_CMD_BUF	: 0734
				04	0004B		RET		: 0733
			62	D6	0004C	5\$:	INCL	EDT\$\$A_CMD_BUF	: 0738
			63	D6	0004E		INCL	EDT\$\$G_SEA_LEN	: 0739
			C3	11	00050		BRB	1\$: 0712

; Routine Size: 82 bytes, Routine Base: _EDT\$CODE + 0000

: 174 0744 1
: 175 0745 1 !<BLF/PAGE>

EDT\$CHMGINSTR
V04-000

EDT\$CHMGINSTR - scan an insert command string
EDT\$\$SCAN_INSSTR - scan an insert command

I 11
15-Sep-1984 23:58:28
14-Sep-1984 12:22:32

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMGINSTR.BLI;1

Page 6
(4)

: 177 0746 1 END
: 178 0747 1
: 179 0748 0 ELUDOM

! of module EDT\$CHMGINSTR

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	82	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	2	0	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\$:CHMGINSTR/OBJ=OBJ\$:CHMGINSTR MSRC\$:CHMGINSTR.BLI/UPDATE=(ENH\$:CHMGINSTR)

: Size: 82 code + 0 data bytes
: Run Time: 00:10.9
: Elapsed Time: 00:13.3
: Lines/CPU Min: 4136
: Lexemes/CPU-Min: 11878
: Memory Used: 70 pages
: Compilation Complete

CHMFINENT LIS	CHMINIT LIS				
CHMGOUNT LIS	CHMGINSTR LIS	CHMGSUSTR LIS	CHMINSMOD LIS		
CHMEMESS LIS	CHMINSTAB LIS				
CHMENTRM LIS	CHMINSCHR LIS				
CHMEXVERB LIS	CHMINSTR LIS	CHMGDTR LIS	CHMGQSTR LIS	CHMLPKPD LIS	CHMINSTR LIS
CHMENDWRD LIS	CHMKEYWRD LIS				
CHMEXCOM LIS					