


```

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-U00' ! File: CHMGINSTR.BLI Edit: JBS1004
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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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_INSTR 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$$INS_MOD ();
: 149 0719 4 EXITLOOP;
: 150 0720 3 END;
: 151 0721 3
: 152 0722 4 IF (CH$RCHAR (.EDT$$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 |
| | | 63 D4 00013 | | CLRL | EDT\$\$G_SEA_LEN | : 0718 |
| | 00000000G 00 | 62 D1 00015 1\$: | | CMPL | 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)

ED
VO

: 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 MSRCS\$:CHMGINSTR.BLI/UPDATE=(ENHS:C
HMGINSTR)

: 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 | CHMINDATE LIS |
| CHMENDWRD LIS | CHMINSSTR LIS | CHMKEYWRD LIS | | | |
| CHMEXCOM LIS | | | | | |