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MM      MM      CCCCCCCC  LL      EEEEEEEEE  FFFFFFFF  TTTTTTTTT
MM      MM      CCCCCCCC  LL      EEEEEEEEE  FFFFFFFF  TTTTTTTTT
MMM     MMM     CC        LL      EE          FF          TT
MMM     MMM     CC        LL      EE          FF          TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CC        LL      EEEEEEE     FFFFFFFF  TT
MM      MM      CC        LL      EEEEEEE     FFFFFFFF  TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CC        LL      EE          FF          TT
MM      MM      CCCCCCCC  LLLLLLLLL  EEEEEEEEE  FF          TT
MM      MM      CCCCCCCC  LLLLLLLLL  EEEEEEEEE  FF          TT
```

```
LL      IIIIII  SSSSSSS
LL      IIIIII  SSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSS
LL      II      SSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLL  IIIIII  SSSSSSS
LLLLLLLL  IIIIII  SSSSSSS
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```

0001 0 %TITLE 'EDT$MCLEFT - move cursor left'
0002 0 MODULE EDT$MCLEFT (                               ! Move cursor left
0003 0                                     IDENT = 'V04-000'           ! File: MCLEFT.BLI Edit: JBS1003
0004 0                                     ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
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     Move cursor left.
0037 1
0038 1 ENVIRONMENT:  Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: September 9, 1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original.  DJS 19-FEB-1981.  This module was created by
0045 1         extracting routine EDT$SCS_LEFT from module MOVCUR.
0046 1 1-002 - Regularize headers.  JBS 11-Mar-1981
0047 1 1-003 - Improve the appearance of the listing.  JBS 17-Jun-1983
0048 1 --
0049 1

```

EDT\$MCLEFT
V04-000

EDT\$MCLEFT - move cursor left
Declarations

K 9
16-Sep-1984 01:11:02
14-Sep-1984 12:23:55

VAX-11 Bliss-32 V4.0-742
DISK\$VM\$MASTER:[EDT.SRC]MCLEFT.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$$CS_LEFT;  
: 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
```

ED
VO

```

: 84 0654 1 %SBTTL 'EDT$$CS_LEFT - move cursor left'
: 85 0655 1
: 86 0656 1 GLOBAL ROUTINE EDT$$CS_LEFT          ! Move cursor left
: 87 0657 1 =
: 88 0658 1
: 89 0659 1 !++
: 90 0660 1 ! FUNCTIONAL DESCRIPTION:
: 91 0661 1
: 92 0662 1     This routine moves the cursor one character to the left.  If the cursor
: 93 0663 1     is on the first character of the line, we move to the previous line
: 94 0664 1     (positioning on the line terminator).
: 95 0665 1
: 96 0666 1 ! FORMAL PARAMETERS:
: 97 0667 1
: 98 0668 1     NONE
: 99 0669 1
: 100 0670 1 ! IMPLICIT INPUTS:
: 101 0671 1
: 102 0672 1     EDT$$T_LN_BUF
: 103 0673 1     EDT$$A_LN_END
: 104 0674 1
: 105 0675 1 ! IMPLICIT OUTPUTS:
: 106 0676 1
: 107 0677 1     EDT$$A_LN_PTR
: 108 0678 1
: 109 0679 1 ! ROUTINE VALUE:
: 110 0680 1
: 111 0681 1     1 = move successful
: 112 0682 1     0 = could not move
: 113 0683 1
: 114 0684 1 ! SIDE EFFECTS:
: 115 0685 1
: 116 0686 1     NONE
: 117 0687 1
: 118 0688 1 --
: 119 0689 1
: 120 0690 2 BEGIN
: 121 0691 2
: 122 0692 2 EXTERNAL ROUTINE
: 123 0693 2 EDT$$CS_UP;
: 124 0694 2
: 125 0695 2 EXTERNAL
: 126 0696 2 EDT$$T_LN_BUF,          ! Current line buffer.
: 127 0697 2 EDT$$A_LN_PTR,        ! Current character pointer.
: 128 0698 2 EDT$$A_LN_END;        ! End of current line pointer.
: 129 0699 2
: 130 0700 2 !+
: 131 0701 2 ! Check to see if we are on the first character.
: 132 0702 2 !-
: 133 0703 2
: 134 0704 2 IF CH$PTR_EQL (.EDT$$A_LN_PTR, CH$PTR (EDT$$T_LN_BUF))
: 135 0705 2 THEN
: 136 0706 2 BEGIN
: 137 0707 2 !+
: 138 0708 2 ! On the first character. Try to go up a line and position to the line
: 139 0709 2 ! terminator. If the move up fails, return failure.
: 140 0710 2 !-

```

EDT\$MCLEFT
V04-000

EDT\$MCLEFT - move cursor left
EDT\$\$CS_LEFT - move cursor left

M 9
16-Sep-1984 01:11:02
14-Sep-1984 12:23:55

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]MCLEFT.BLI;1 Page 4 (3)

```

: 141      0711      M
: 142      0712      M      IF (EDT$$CS_UP ( ) EQL 0) THEN RETURN (0);
: 143      0713      M
: 144      0714      M      EDT$$A_LN_PTR = .EDT$$A_LN_END;
: 145      0715      M      END
: 146      0716      M      ELSE
: 147      0717      M      !+
: 148      0718      M      Not on the first character, simply move back one character and return
: 149      0719      M      success.
: 150      0720      M      -
: 151      0721      M      EDT$$A_LN_PTR = CH$PLUS (.EDT$$A_LN_PTR, -1);
: 152      0722      M
: 153      0723      M      RETURN (1);
: 154      0724      M      END;

```

! of routine EDT\$\$CS_LEFT

.TITLE EDT\$MCLEFT EDT\$MCLEFT - move cursor left
.IDENT \V04-000\

.EXTRN EDT\$\$CS_UP, EDT\$\$T_LN_BUF
.EXTRN EDT\$\$A_LN_PTR, EDT\$\$A_LN_END

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

```

          0004 00000
          52 00000000G 00 9E 00002
          50 00000000G 00 9E 00009
          50          62 D1 00010
          14 12 00013
00000000G 00 00 FB 00015
          50 D5 0001C
          0F 13 0001E
          62 00000000G 00 D0 00020
          02 11 00027
          50          62 D7 00029 1$:
          01 D0 0002B 2$:
          04 0002E
          50 D4 0002F 3$:
          04 00031

```

```

.ENTRY EDT$$CS_LEFT, Save R2      : 0656
MOVAB EDT$$A_LN_PTR, R2          :
MOVAB EDT$$T_LN_BUF, R0          : 0704
CML EDT$$A_LN_PTR, R0
BNEQ 1$
CALLS #0, EDT$$CS_UP            : 0712
TSTL R0
BEQL 3$
MOVL EDT$$A_LN_END, EDT$$A_LN_PTR : 0714
BRB 2$                          : 0704
DECL EDT$$A_LN_PTR              : 0721
MOVL #1, R0                     : 0723
RET
CLRL R0                          : 0724
RET

```

; Routine Size: 50 bytes, Routine Base: _EDT\$CODE + 0000

: 155 0725 1
: 156 0726 1 !<BLF/PAGE>

EDT\$MCLEFT
V04-000

EDT\$MCLEFT - move cursor left
EDT\$\$CS_LEFT - move cursor left

N 9
16-Sep-1984 01:11:02
14-Sep-1984 12:23:55

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

: 158
: 159
: 160

0727 1 END
0728 1
0729 0 ELUDOM

! of module EDT\$MCLEFT

PSECT SUMMARY

Name Bytes Attributes
_EDT\$CODE 50 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	1	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\$:MCLEFT/OBJ=OBJ\$:MCLEFT MSRC\$:MCLEFT.BLI/UPDATE=(ENH\$:MCLEFT)

: Size: 50 code + 0 data bytes
: Run Time: 00:09.5
: Elapsed Time: 00:12.0
: Lines/CPU Min: 4599
: Lexemes/CPU-Min: 12277
: Memory Used: 55 pages
: Compilation Complete

