```
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD      TTTTTTTTTTTTTTTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEEEEEEEEEEE        DDD      DDD           TTT
EEEEEEEEEEEE        DDD      DDD           TTT
EEEEEEEEEEEE        DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEE                 DDD      DDD           TTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
```

```
SSSSSSSS    CCCCCCC   RRRRRRR    MM       MM    000000    VV       VV   EEEEEEEEEE   TTTTTTTTTT   000000
SSSSSSSS    CCCCCCC   RRRRRRR    MM       MM    000000    VV       VV   EEEEEEEEEE   TTTTTTTTTT   000000
SS          CC        RR    RR   MMMM   MMMM    00    00  VV       VV   EE               TT       00      00
SS          CC        RR    RR   MMMM   MMMM    00    00  VV       VV   EE               TT       00      00
SS          CC        RR    RR   MM  MM  MM     00    00  VV       VV   EE               TT       00      00
SS          CC        RR    RR   MM  MM  MM     00    00  VV       VV   EE               TT       00      00
  SSSSSS    CC        RRRRRRR    MM      MM     00    00  VV       VV   EEEEEEEE         TT       00      00
  SSSSSS    CC        RRRRRRR    MM      MM     00    00  VV       VV   EEEEEEEE         TT       00      00
      SS    CC        RR  RR     MM      MM     00    00  VV       VV   EE               TT       00      00
      SS    CC        RR  RR     MM      MM     00    00  VV       VV   EE               TT       00      00
      SS    CC        RR    RR   MM      MM     00    00   VV     VV    EE               TT       00      00
      SS    CC        RR    RR   MM      MM     00    00    VV   VV     EE               TT       00      00
SSSSSSSS    CCCCCCC   RR    RR   MM      MM       000000     VV VV     EEEEEEEEEE        TT         000000    ....
SSSSSSSS    CCCCCCC   RR    RR   MM      MM       000000      VV       EEEEEEEEEE        TT         000000    ....

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
```

N 3

EDT$SCRMOVETO - move to a specified text line   16-Sep-1984 01:36:50   VAX-11 Bliss-32 V4.0-742   Page (1)
                                                14-Sep-1984 12:24:32   [EDT.SRC]SCRMOVETO.BLI;1

```
0001  0 %TITLE 'EDT$SCRMOVETO - move to a specified text line'
0002  0 MODULE EDT$SCRMOVETO (                                    ! Move to a specified text line
0003  0              IDENT = 'V04-000'                            ! File: SCRMOVETO.BLI Edit: JBS1004
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 !      This module moves to a specified text line.
0037  1 !
0038  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
0039  1 !
0040  1 ! AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979
0041  1 !
0042  1 ! MODIFIED BY:
0043  1 !
0044  1 ! 1-001 - Original.  DJS 12-Feb-1981.  This module was created by
0045  1 !         extracting the routine MOVE TO from module SCREEN.
0046  1 ! 1-002 - Regularize headers.  JBS 13-Mar-1981
0047  1 ! 1-003 - Return a value.  JBS 23-Oct-1982
0048  1 ! 1-004 - Improve the appearance of the listing.  JBS 17-Jun-1983
0049  1 !--
0050  1
```

```
52      0051  1  %SBTTL 'Declarations'
53      0052  1  !
54      0053  1  !  TABLE OF CONTENTS:
55      0054  1  !
56      0055  1
57      0056  1  REQUIRE 'EDTSRC:TRAROUNAM';
58      0495  1  FORWARD ROUTINE
59      0496  1      EDT$$SC_MOVTOLN;
60      0497  1
61      0498  1  !
62      0499  1  !
63      0500  1  !  INCLUDE FILES:
64      0501  1  !
65      0502  1
66      0503  1  REQUIRE 'EDTSRC:EDTREQ';
67      0638  1
68      0639  1  !
69      0640  1  !  MACROS:
70      0641  1  !
71      0642  1        NONE
72      0643  1
73      0644  1  !  EQUATED SYMBOLS:
74      0645  1  !
75      0646  1        NONE
76      0647  1
77      0648  1  !  OWN STORAGE:
78      0649  1  !
79      0650  1        NONE
80      0651  1
81      0652  1  !  EXTERNAL REFERENCES:
82      0653  1  !
83      0654  1  !      In the routine
```

```
85    0655  1  %SBTTL 'EDT$$SC_MOVTOLN  - move to a specified text line'
86    0656  1
87    0657  1  GLOBAL ROUTINE EDT$$SC_MOVTOLN (                            ! Move to a specified text line
88    0658  1      N                                                       ! Target line number
89    0659  1      ) =
90    0660  1
91    0661  1  !++
92    0662  1  ! FUNCTIONAL DESCRIPTION:
93    0663  1  !
94    0664  1  !     Moves to a specified record.  N is the value of EDT$$G_LN_NO  which we want
95    0665  1  !     to move to.  Just keep going backward or forward until they match.
96    0666  1  !
97    0667  1  ! FORMAL PARAMETERS:
98    0668  1  !
99    0669  1  !     N                       The target relative record number
100   0670  1  !
101   0671  1  ! IMPLICIT INPUTS:
102   0672  1  !
103   0673  1  !     EDT$$G_LN_NO
104   0674  1  !
105   0675  1  ! IMPLICIT OUTPUTS:
106   0676  1  !
107   0677  1  !     EDT$$G_LN_NO
108   0678  1  !
109   0679  1  ! ROUTINE VALUE:
110   0680  1  !
111   0681  1  !     1 = found the record
112   0682  1  !     0 = no such record in this buffer
113   0683  1  !
114   0684  1  ! SIDE EFFECTS:
115   0685  1  !
116   0686  1  !     May reposition us in the work file.
117   0687  1  !
118   0688  1  !--
119   0689  1
120   0690  2     BEGIN
121   0691  2
122   0692  2     EXTERNAL ROUTINE
123   0693  2         EDT$$RD_NXTLN,                                      ! Read the next line
124   0694  2         EDT$$RD_PRVLN;                                      ! Read the previous line
125   0695  2
126   0696  2     EXTERNAL
127   0697  2         EDT$$G_LN_NO,                                       ! Current relative record number.
128   0698  2         EDT$$A_WK_LN : REF LN_BLOCK,                        ! Pointer to the current record in the work file
129   0699  2         EDT$$Z_EOB_LN : LN_BLOCK;                           ! Special record to signal [EOB]
130   0700  2
131   0701  2     WHILE (.EDT$$G_LN_NO GTR .N) DO
132   0702  3         BEGIN
133   0703  3
134   0704  3         IF ( NOT EDT$$RD_PRVLN ()) THEN RETURN (0);
135   0705  3
136   0706  3         EDT$$G_LN_NO = .EDT$$G_LN_NO - 1;
137   0707  2         END;
138   0708  2
139   0709  2     WHILE (.EDT$$G_LN_NO LSS .N) DO
140   0710  3         BEGIN
141   0711  3
```

```
; 142    0712 4              IF ( NOT EDT$$RD_NXTLN ())
; 143    0713 3              THEN
; 144    0714 4                  BEGIN
; 145    0715 4                  ASSERT (.EDT$$A_WK_LN EQLA EDT$$Z_EOB_LN);
; 146    0716 4                  ASSERT ((.EDT$$G_LN_NO + 1) EQL .N);
; 147    0717 4                  END;
; 148    0718 3
; 149    0719 3              EDT$$G_LN_NO = .EDT$$G_LN_NO + 1;
; 150    0720 2              END;
; 151    0721 2
; 152    0722 2          RETURN (1);
; 153    0723 1          END;                                           ! of routine EDT$$SC_MOVTOLN
```

```
;
                                          .TITLE   EDT$SCRMOVETO EDT$SCRMOVETO - move to a specifi
                                                            ed text line
                                          .IDENT   \V04-000\

                                          .EXTRN   EDT$$RD_NXTLN, EDT$$RD_PRVLN
                                          .EXTRN   EDT$$G_LN_NO, EDT$$A_WR_LN
                                          .EXTRN   EDT$$Z_EOB_LN, EDT$$INTER_ERR

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

                            000C 00000     .ENTRY   EDT$$SC_MOVTOLN, Save R2,R3                  ; 0657
          53 00000000G  00  9E 00002       MOVAB    EDT$$INTER_ERR, R3
          52 00000000G  00  9E 00009       MOVAB    EDT$$G_LN_NO, R2
    04  AC              62  D1 00010 1$:   CMPL     EDT$$G_LN_NO, N                             ; 0701
                        0E  15 00014       BLEQ     2$
    00000000G       00  00  FB 00016       CALLS    #0, EDT$$RD_PRVLN                           ; 0704
                        3C  50  E9 0001D    BLBC     R0, 6$
                        62  D7 00020       DECL     EDT$$G_LN_NO                                ; 0706
                        EC  11 00022       BRB      1$                                         ; 0701
    04  AC              62  D1 00024 2$:   CMPL     EDT$$G_LN_NO, N                             ; 0709
                        2E  18 00028       BGEQ     5$
    00000000G       00  00  FB 0002A       CALLS    #0, EDT$$RD_NXTLN                           ; 0712
                        20  50  E8 00031    BLBS     R0, 4$
          50 00000000G  00  9E 00034       MOVAB    EDT$$Z_EOB_LN, R0                           ; 0715
          50 00000000G  00  D1 0003B       CMPL     EDT$$A_WK_LN, R0
                        03  13 00042       BEQL     3$
                    00  63  FB 00044       CALLS    #0, EDT$$INTER_ERR                          ; 0716
    50              01  62  C1 00047 3$:   ADDL3    #1, EDT$$G_LN_NO, R0
    04  AC          50  D1 0004B           CMPL     R0, N
                        03  13 0004F       BEQL     4$
                    00  63  FB 00051       CALLS    #0, EDT$$INTER_ERR
                        62  D6 00054 4$:   INCL     EDT$$G_LN_NO                                ; 0719
                        CC  11 00056       BRB      2$                                         ; 0709
                    50  01  D0 00058 5$:   MOVL     #1, R0                                     ; 0722
                        04 0005B           RET
                    50  D4 0005C 6$:       CLRL     R0                                         ; 0723
                        04 0005E           RET
```

; Routine Size: 95 bytes,   Routine Base: _EDT$CODE + 0000

```
; 154    0724 1
; 155    0725 1 !<BLF/PAGE>
```

```
; 157         0726 1 END                                              ! of module EDT$SCRMOVETO
; 158         0727 1
; 159         0728 0 ELUDOM
```

```
;                          PSECT SUMMARY

      Name                      Bytes                         Attributes

;   _EDT$CODE                       95  NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)
```

```
;                     Library Statistics

                                    --------- Symbols ---------    Pages      Processing
;     File                           Total   Loaded   Percent     Mapped     Time

;  _$255$DUA28:[EDT.SRC]EDT.L32;1      377      6          1        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$:SCRMOVETO/OBJ=OBJ$:SCRMOVETO MSRC$:SCRMOVETO.BLI/UPDATE=(ENH$:S
;       CRMOVETO)

; Size:            95 code + 0 data bytes
; Run Time:           00:10.6
; Elapsed Time:       00:12.7
; Lines/CPU Min:      4112
; Lexemes/CPU-Min: 11971
; Memory Used:  70 pages
; Compilation Complete
```