```
EEEEEEEEEEEEEEE   DDDDDDDDDDD        TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD        TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD        TTTTTTTTTTTTTTT
EEE               DDD      DDD             TTT
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
EEE               DDD      DDD             TTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD              TTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD              TTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD              TTT
```

```
LFILL  .

LIS
```

```
   1   0001  0  %TITLE 'EDT$LFILL - FILL line-mode command'
   2   0002  0  MODULE EDT$LFILL (                          ! FILL line-mode command
   3   0003  0                   IDENT = 'V04-000'            ! File: LFILL.BLI Edit: STS1006
   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                 *
  10   0010  1  ! *   DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.  *
  11   0011  1  ! *   ALL RIGHTS RESERVED.                                    *
  12   0012  1  ! *                                                           *
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  14   0014  1  ! *   ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE *
  15   0015  1  ! *   INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER *
  16   0016  1  ! *   COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
  17   0017  1  ! *   OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY *
  18   0018  1  ! *   TRANSFERRED.                                            *
  19   0019  1  ! *                                                           *
  20   0020  1  ! *   THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE *
  21   0021  1  ! *   AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT *
  22   0022  1  ! *   CORPORATION.                                            *
  23   0023  1  ! *                                                           *
  24   0024  1  ! *   DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS *
  25   0025  1  ! *   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.  *
  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 executes the line mode FILL command.
  37   0037  1  !
  38   0038  1  ! ENVIRONMENT:  Runs at any access mode - AST reentrant
  39   0039  1  !
  40   0040  1  ! AUTHOR: Bob Kushlis, CREATION DATE: February 3, 1978
  41   0041  1  !
  42   0042  1  ! MODIFIED BY:
  43   0043  1  !
  44   0044  1  ! 1-001 - Original.  DJS 30-JAN-81.  This module was created by
  45   0045  1  !         extracting the routine EDT$$FILL_CMD  from the module EXEC.BLI.
  46   0046  1  ! 1-002 - Regularize headers.  JBS 19-Mar-1981
  47   0047  1  ! 1-003 - Flag that the screen has changed.  JBS 07-Jul-1982
  48   0048  1  ! 1-004 - Put edt$$tst_eob in line. STS 22-Sep-1982
  49   0049  1  ! 1-005 - Remove EDT$$G_SCR_CHGD, not needed by new screen logic.  JBS 09-Oct-1982
  50   0050  1  ! 1-006 - Remove EDT$$RNG_POSFRST. STS 11-Oct-1982
  51   0051  1  !--
  52   0052  1
```

```
:   54     0053  1  %SBTTL 'Declarations'
:   55     0054  1  !
:   56     0055  1  ! TABLE OF CONTENTS:
:   57     0056  1  !
:   58     0057  1
:   59     0058  1  REQUIRE 'EDTSRC:TRAROUNAM';
:   60     0497  1
:   61     0498  1  FORWARD ROUTINE
:   62     0499  1      EDT$$FILL_CMD : NOVALUE;                      ! Process the FILL command
:   63     0500  1
:   64     0501  1  !
:   65     0502  1  ! INCLUDE FILES:
:   66     0503  1  !
:   67     0504  1
:   68     0505  1  REQUIRE 'EDTSRC:EDTREQ';
:   69     0640  1
:   70     0641  1  !
:   71     0642  1  ! MACROS:
:   72     0643  1  !
:   73     0644  1  !     NONE
:   74     0645  1  !
:   75     0646  1  ! EQUATED SYMBOLS:
:   76     0647  1  !
:   77     0648  1  !     NONE
:   78     0649  1  !
:   79     0650  1  ! OWN STORAGE:
:   80     0651  1  !
:   81     0652  1  !     NONE
:   82     0653  1  !
:   83     0654  1  ! EXTERNAL REFERENCES:
:   84     0655  1  !
:   85     0656  1  !     In the routine
```

EDT$LFILL                  EDT$LFILL - FILL line-mode command              G 16
V04-000                    EDT$$FILL_CMD - FILL line-mode command          16-Sep-1984 00:49:50    VAX-11 Bliss-32 V4.0-742        Page 3
                                                                           14-Sep-1984 12:23:34    DISK$VMSMASTER:[EDT.SRC]LFILL.BLI;1    (3)

```
  87    0657  1  %SBTTL 'EDT$$FILL_CMD  - FILL line-mode command'
  88    0658  1
  89    0659  1  GLOBAL ROUTINE EDT$$FILL_CMD                              ! FILL line-mode command
  90    0660  1      : NOVALUE =
  91    0661  1
  92    0662  1  !++
  93    0663  1  ! FUNCTIONAL DESCRIPTION:
  94    0664  1  !
  95    0665  1  !       Command processing for the FILL command.  If the range is null,
  96    0666  1  !       then assume SELECT.   Make sure the range is contiguous.  Count
  97    0667  1  !       the number of lines, then call the FILL routine.
  98    0668  1  !
  99    0669  1  ! FORMAL PARAMETERS:
 100    0670  1  !
 101    0671  1  !       NONE
 102    0672  1  !
 103    0673  1  ! IMPLICIT INPUTS:
 104    0674  1  !
 105    0675  1  !       EDT$$A_EXE_CURCMD
 106    0676  1  !       EDT$$A_WK_LN
 107    0677  1  !
 108    0678  1  ! IMPLICIT OUTPUTS:
 109    0679  1  !
 110    0680  1  !       NONE
 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$$RNG_REPOS,
 126    0696  2          EDT$$FILL_TXT,
 127    0697  2          EDT$$TST_NONCNTGRNG,
 128    0698  2          EDT$$NXT_LNRNG,
 129    0699  2          EDT$$RD_CURLN;
 130    0700  2
 131    0701  2      EXTERNAL
 132    0702  2          EDT$$G_RNG_FRSTLN,
 133    0703  2          EDT$$A_CUR_BUF : REF TBCB_BLOCK,
 134    0704  2          EDT$$Z_RNG_SAVPOS : POS_BLOCK,
 135    0705  2          EDT$$Z_RNG_ORIGPOS : POS_BLOCK,
 136    0706  2          EDT$$A_WK_LN : REF LIN_BLOCK,
 137    0707  2          EDT$$Z_EOB_LN,
 138    0708  2          EDT$$A_EXE_CURCMD : REF NODE_BLOCK;     ! Pointer to the current command.
 139    0709  2
 140    0710  2      LOCAL
 141    0711  2          RANGE : REF NODE_BLOCK,
 142    0712  2          NLINES;
 143    0713  2
```

```
  144     0714  2      RANGE = .EDT$$A_EXE_CURCMD [RANGE1];
  145     0715  2
  146     0716  2      IF (.RANGE [RAN_TYPE] EQL RAN_NULL) THEN RANGE [RAN_TYPE] = RAN_SELECT;
  147     0717  2
  148     0718  2      IF EDT$$TST_NONCNTGRNG (.EDT$$A_EXE_CURCMD [RANGE1]) THEN RETURN;
  149     0719  2
  150     0720  2      EDT$$G_RNG_FRSTLN = 1;
  151     0721  2      EDT$$CPY_MEM( POS_SIZE, .EDT$$A_CUR_BUF, EDT$$Z_RNG_ORIGPOS);
  152     0722  2      IF EDT$$RNG_REPOS (.EDT$$A_EXE_CURCMD [RANGE1])
  153     0723  2      THEN
  154     0724  3          BEGIN
  155     0725  3          NLINES = 0;
  156     0726  3
  157     0727  3          WHILE (EDT$$NXT_LNRNG (0) AND (.EDT$$A_WK_LN NEQA EDT$$Z_EOB_LN)) DO
  158     0728  3              NLINES = .NLINES + 1;
  159     0729  3
  160     0730  3          EDT$$CPY_MEM(POS_SIZE, EDT$$Z_RNG_SAVPOS, .EDT$$A_CUR_BUF);
  161     0731  3          EDT$$RD_CURLN();
  162     0732  3          EDT$$FILL_TXT (.NLINES);
  163     0733  2          END;
  164     0734  2
  165     0735  1      END;                                          ! of routine EDT$$FILL_CMD
```

```
                                                    .TITLE    EDT$LFILL EDT$LFILL - FILL line-mode command
                                                    .IDENT    \V04-000\

                                                    .EXTRN    EDT$$RNG_REPOS, EDT$$FILL_TXT
                                                    .EXTRN    EDT$$TST_NONCNTGRNG
                                                    .EXTRN    EDT$$NXT_LNRNG, EDT$$RD_CURLN
                                                    .EXTRN    EDT$$G_RNG_FRSTLN
                                                    .EXTRN    EDT$$A_CUR_BUF, EDT$$Z_RNG_SAVPOS
                                                    .EXTRN    EDT$$Z_RNG_ORIGPOS
                                                    .EXTRN    EDT$$A_WK_LN, EDT$$Z_EOB_LN
                                                    .EXTRN    EDT$$A_EXE_CURCMD

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

                                  01FC 00000        .ENTRY    EDT$$FILL_CMD, Save R2,R3,R4,R5,R6,R7,R8    ; 0659
                58 00000000G  00  9E 00002          MOVAB     EDT$$A_EXE_CURCMD, R8
                57 00000000G  00  9E 00009          MOVAB     EDT$$A_CUR_BUF, R7
                51            68  D0 00010          MOVL      EDT$$A_EXE_CURCMD, R1                       ; 0714
                50        04  A1  D0 00013          MOVL      4(R1), RANGE
                          01  A0  95 00017          TSTB      1(RANGE)                                   ; 0716
                          04      12 0001A          BNEQ      1$
                01    A0  0C      90 0001C          MOVB      #12, 1(RANGE)
                          04  A1  DD 00020  1$:     PUSHL     4(R1)                                      ; 0718
            00000000G  00      01  FB 00023          CALLS     #1, EDT$$TST_NONCNTGRNG
                          5F      50  E8 0002A        BLBS      R0, 4$
            00000000G  00      01  D0 0002D          MOVL      #1, EDT$$G_RNG_FRSTLN                     ; 0720
                          50      67  D0 00034        MOVL      EDT$$A_CUR_BUF, R0                        ; 0721
        00000000G  00      60      0E  28 0003A      MOVC3     #14, (R0), EDT$$Z_RNG_ORIGPOS
                          50      68  D0 0003F        MOVL      EDT$$A_EXE_CURCMD, R0                     ; 0722
                          04  A0  DD 00042          PUSHL     4(R0)
            00000000G  00      01  FB 00045          CALLS     #1, EDT$$RNG_REPOS
                          3D      50  E9 0004C        BLBC      R0, 4$
                          56      D4 0004F          CLRL      NLINES                                     ; 0725
```

```
                                      7E  D4 00051 2$:     CLRL    -(SP)                                              :  0727
                  00000000G  00       01  FB 00053         CALLS   #1, EDT$$NXT_LNRNG                                 :
                             14        50  E9 0005A         BLBC    R0, 3$                                            :
                  50 00000000G  00     9E 0005D            MOVAB   EDT$$Z_EOB_LN, R0                                   :
                  50 00000000G  00     D1 00064            CMPL    EDT$$A_WK_[N, R0                                    :
                             04        13 0006B            BEQL    3$                                                 :
                             56        D6 0006D            INCL    NLINES                                             :  0728
                             E0        11 0006F            BRB     2$                                                 :
                             50        67  D0 00071 3$:    MOVL    EDT$$A_CUR_BUF, R0                                  :  0730
            60 00000000G  00          0E  28 00074         MOVC3   #14, EDT$$Z_RNG_SAVPOS, (R0)                        :
               00000000G  00          00  FB 0007C         CALLS   #0, EDT$$RD_CUR[N                                   :  0731
                             56        DD 00083            PUSHL   NLINES                                             :  0732
               00000000G  00          01  FB 00085         CALLS   #1, EDT$$FILL_TXT                                   :
                                      04 0008C 4$:         RET                                                        :  0735
```

; Routine Size:  141 bytes,    Routine Base:  _EDT$CODE + 0000


;  166        0736  1
;  167        0737  1  !<BLF/PAGE>

EDT$LFILL          EDT$LFILL - FILL line-mode command          J 16
V04-000            EDT$$FILL_CMD - FILL line-mode command       16-Sep-1984 00:49:50   VAX-11 Bliss-32 V4.0-742      Page 6
                                                                14-Sep-1984 12:23:34   DISK$VMSMASTER:[EDT.SRC]LFILL.BLI;1   (4)

```
:  169    0738  1 END                                    ! of module EDT$LFILL
:  170    0739  1
:  171    0740  0 ELUDOM
```

```
:                          PSECT SUMMARY
:
:         Name                    Bytes                       Attributes
:
:  _EDT$CODE                      141  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      92      24       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$:LFILL/OBJ=OBJ$:LFILL MSRC$:LFILL.BLI/UPDATE=(ENH$:LFILL)
:
: Size:          141 code + 0 data bytes
: Run Time:      00:11.9
: Elapsed Time:  00:15.0
: Lines/CPU Min: 3718
: Lexemes/CPU-Min: 11693
: Memory Used: 92 pages
: Compilation Complete
```

KEYPADDEF
LIS

LDIVISION
LIS

KEYDEFKEY
LIS

KEYFMTSTR
LIS

LDEFK
LIS

LFILL
LIS

KEYCHR
LIS

KEYIMMINP
LIS

LDELETE
LIS

KEYCOM
LIS

KEYPUTCHR
LIS

LCLEAR
LIS

LFCOUNT
LIS

KEYPAD
LIS

LDEFM
LIS

LFLNO
LIS

KEYTRNCHR
LIS