```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    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  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
```

```
IIIIII    NN      NN  PPPPPPPP    UU      UU  TTTTTTTTTT
IIIIII    NN      NN  PPPPPPPP    UU      UU  TTTTTTTTTT
  II      NN      NN  PP      PP  UU      UU      TT
  II      NN      NN  PP      PP  UU      UU      TT
  II      NNNN    NN  PP      PP  UU      UU      TT
  II      NNNN    NN  PP      PP  UU      UU      TT
  II      NN  NN  NN  PPPPPPPP    UU      UU      TT
  II      NN  NN  NN  PPPPPPPP    UU      UU      TT
  II      NN    NNNN  PP          UU      UU      TT
  II      NN    NNNN  PP          UU      UU      TT
  II      NN      NN  PP          UU      UU      TT          ....
  II      NN      NN  PP          UU      UU      TT          ....
IIIIII    NN      NN  PP          UUUUUUUUUU      TT          ....
IIIIII    NN      NN  PP          UUUUUUUUUU      TT          ....

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$INPUT - read a line of input'
;  2     0002  0 MODULE EDT$INPUT (                      ! Read a line of input
;  3     0003  0                   IDENT = 'V04-000'       ! File: INPUT.BLI Edit: REM2019
;  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.                 *
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; 19     0019  1 !*                                                                        *
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; 21     0021  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
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; 23     0023  1 !*                                                                        *
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; 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 is called whenever an input line is required for a
; 37     0037  1 !       command or an insert.  This module handles fetching of lines
; 38     0038  1 !       from macros or from the initialization file.
; 39     0039  1 !
; 40     0040  1 ! ENVIRONMENT: User mode, sharable
; 41     0041  1 !
; 42     0042  1 ! AUTHOR: Bob Kushlis, CREATION DATE: 4-Feb-1979
; 43     0043  1 !
; 44     0044  1 ! MODIFIED BY:
; 45     0045  1 !
; 46     0046  1 ! Dan Szymanski, 17-NOV-80, 02
; 47     0047  1 !       Change to EDT$$GET_LN  so that a line of input from the terminal
; 48     0048  1 !       which consists of only the two characters ^z or ^Z are not
; 49     0049  1 !       considered to be an end-of-file.
; 50     0050  1 ! 2-003 - Regularized headers.  JBS 24-Feb-1981
; 51     0051  1 ! 2-004 - Fix module name.  JBS 06-Mar-1981
; 52     0052  1 ! 2-005 - Use the ASSERT macro.  JBS 01-Jun-1981
; 53     0053  1 ! 2-006 - Remove explicit journaling.  JBS 22-Jun-1981
; 54     0054  1 ! 2-007 - Use new journaling interface.  JBS 08-Jul-1981
; 55     0055  1 ! 2-008 - Separate reading of the startup file from reading of the journal file.
; 56     0056  1 !         JBS 16-Aug-1981
; 57     0057  1 ! 2-009 - Make command file i/o use EDT$FILEIO.  STS 25-Dec-1981
```

```
;    58          0058  1 ! 2-010 - Remove DSC$A_POINTER macro  STS 14-Jan-1982
;    59          0059  1 ! 2-011 - Convert  reads and writes to use EDT$FILEIO. STS 15-Jan-1981
;    60          0060  1 ! 2-012 - Add rhb_descriptor. STS 21-Jan-1982
;    61          0061  1 ! 2-013 - Remove reference to edt$$z_sys_cmdrab. STS 10-Feb-1982
;    62          0062  1 ! 2-014 - Add literals for callable parameters. STS 08-Mar-1982
;    63          0063  1 ! 2-015 - Add EDT$$G_JOU_VALID.  JBS 09-Apr-1982
;    64          0064  1 ! 2-016 - Make sure an insert line terminated by ^Z gets journalled. STS 24-Jun-1982
;    65          0065  1 ! 2-017 - Take out reference to edt$$tst_eob. STS 22-Sep-1982
;    66          0066  1 ! 2-018 - Improve the appearance of the listing.  JBS 14-Jun-1983
;    67          0067  1 ! 2-019 - Added logic to maintain EDT$$G_TIN_OBUFPOS durring /RECOVERY mode.
;    68          0068  1 !             REM 10-Oct-1983
;    69          0069  1 !--
;    70          0070  1
```

```
;    72          0071  1 %SBTTL 'Declarations'
;    73          0072  1 !
;    74          0073  1 ! TABLE OF CONTENTS:
;    75          0074  1 !
;    76          0075  1
;    77          0076  1 REQUIRE 'EDTSRC:TRAROUNAM';
;    78          0515  1
;    79          0516  1 FORWARD ROUTINE
;    80          0517  1     EDT$$GET_LN;
;    81          0518  1
;    82          0519  1 !
;    83          0520  1 ! INCLUDE FILES:
;    84          0521  1 !
;    85          0522  1
;    86          0523  1 REQUIRE 'EDTSRC:EDTREQ';
;    87          0658  1
;    88        L 0659  1 %IF %BLISS (BLISS32)
;    89          0660  1 %THEN
;    90          0661  1
;    91          0662  1 REQUIRE 'EDTSRC:SYSSYM';
;    92          0692  1
;    93          0693  1 %FI
;    94          0694  1
;    95          0695  1 !
;    96          0696  1 ! MACROS:
;    97          0697  1 !
;    98          0698  1 !       NONE
;    99          0699  1 !
;   100          0700  1 ! EQUATED SYMBOLS:
;   101          0701  1 !
;   102          0702  1
;   103          0703  1 EXTERNAL LITERAL
;   104          0704  1     EDT$K_GET,
;   105          0705  1     EDT$K_COMMAND_FILE;
;   106          0706  1
;   107          0707  1 !
;   108          0708  1 ! OWN STORAGE:
;   109          0709  1 !
;   110          0710  1 !       NONE
;   111          0711  1 !
;   112          0712  1 ! EXTERNAL REFERENCES:
;   113          0713  1 !
;   114          0714  1 !       In the routine
```

```
;  116     0715  1 %SBTTL 'EDT$$GET_LN  - return a line'
;  117     0716  1
;  118     0717  1 GLOBAL ROUTINE EDT$$GET_LN (                    ! Return a line
;  119     0718  1     PROMPT,                                     ! Address of the prompt
;  120     0719  1     PR_LEN                                      ! Length of the prompt
;  121     0720  1     ) =
;  122     0721  1
;  123     0722  1 !++
;  124     0723  1 ! FUNCTIONAL DESCRIPTION:
;  125     0724  1 !
;  126     0725  1 !       This routine returns a line from the current macro or from the
;  127     0726  1 !       terminal or command file.
;  128     0727  1 !
;  129     0728  1 ! FORMAL PARAMETERS:
;  130     0729  1 !
;  131     0730  1 !  PROMPT               The address of a prompt string for terminal input
;  132     0731  1 !
;  133     0732  1 !  PR_LEN               The length of the prompt
;  134     0733  1 !
;  135     0734  1 ! IMPLICIT INPUTS:
;  136     0735  1 !
;  137     0736  1 !       EDT$$G_INP_SRC    -     tells where the input line will come from.
;  138     0737  1 !       EDT$$G_RCOV_MOD
;  139     0738  1 !       EDT$$A_WK_LN
;  140     0739  1 !       EDT$$A_MAC_BUF
;  141     0740  1 !       EDT$$G_VFY
;  142     0741  1 !
;  143     0742  1 ! IMPLICIT OUTPUTS:
;  144     0743  1 !
;  145     0744  1 !       EDT$$T_CMD_BUF
;  146     0745  1 !       EDT$$G_CMD_LEN
;  147     0746  1 !       EDT$$A_CUR_BUF
;  148     0747  1 !       EDT$$A_CMD_END
;  149     0748  1 !       EDT$$A_CMD_BUF
;  150     0749  1 !       EDT$$G_JOU_VALID
;  151     0750  1 !       EDT$$G_TIN_OBUFPOS
;  152     0751  1 !
;  153     0752  1 ! RETURN VALUES:
;  154     0753  1 !
;  155     0754  1 !       0       -       No eof occured on this line
;  156     0755  1 !       1       -       An eof did occur
;  157     0756  1 !
;  158     0757  1 ! SIDE EFFECTS:
;  159     0758  1 !
;  160     0759  1 !       NONE
;  161     0760  1 !
;  162     0761  1 !--
;  163     0762  1
;  164     0763  2     BEGIN
;  165     0764  2
;  166     0765  2     EXTERNAL
;  167     0766  2         EDT$$T_CMD_BUF,
;  168     0767  2         EDT$$G_CMD_LEN,
;  169     0768  2         EDT$$A_CMD_END,
;  170     0769  2         EDT$$A_CMD_BUF,
;  171     0770  2         EDT$$G_SAV_CNT,
;  172     0771  2         EDT$$G_RCOV_MOD,
```

```
;  173          0772  2          EDT$$G_INP_SRC,
;  174          0773  2          EDT$$A_MAC_BUF,
;  175          0774  2          EDT$$A_CUR_BUF,
;  176          0775  2          EDT$$G_VFY,
;  177          0776  2          EDT$$Z_EOB_LN,
;  178          0777  2          EDT$$A_WK_LN : REF LIN_BLOCK,
;  179          0778  2          EDT$$G_TIN_OBUFPOS,                 ! Position in journal output buffer
;  180          0779  2          EDT$$G_JOU_VALID;                   ! 1 = journal record is valid
;  181          0780  2
;  182        L 0781  2 %IF %BLISS (BLISS32)
;  183          0782  2 %THEN
;  184          0783  2
;  185          0784  2     EXTERNAL ROUTINE
;  186          0785  2         STR$FREE1_DX;
;  187          0786  2
;  188          0787  2 %FI
;  189          0788  2
;  190          0789  2     EXTERNAL ROUTINE
;  191          0790  2         EDT$$RD_JOUTXT,                     ! Read a text line from the journal file
;  192          0791  2         EDT$$TI_BUFCH : NOVALUE,            ! Put a character in the journal file buffer
;  193          0792  2         EDT$$TI_FLUSHJOUFI : NOVALUE,       ! Write out journal file buffer
;  194          0793  2         EDT$$CALLFIO,
;  195          0794  2         EDT$$TI_WRLN,
;  196          0795  2         EDT$$RD_CMDLN,
;  197          0796  2         EDT$$RD_CURLN,
;  198          0797  2         EDT$$RD_NXTLN;
;  199          0798  2
;  200          0799  2     LOCAL
;  201          0800  2         FILE_DESC : BLOCK [8, BYTE],
;  202          0801  2         RHB_DESC : BLOCK [8, BYTE],
;  203          0802  2         EOF;
;  204          0803  2
;  205          0804  2 !+
;  206          0805  2 ! If the descriptors are for VAX/VMS then define the class and type fields.
;  207          0806  2 !-
;  208          0807  2
;  209        L 0808  2 %IF %BLISS (BLISS32)
;  210          0809  2 %THEN
;  211          0810  2     RHB_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
;  212          0811  2     FILE_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
;  213          0812  2     FILE_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
;  214          0813  2 %FI
;  215          0814  2
;  216          0815  2     RHB_DESC [DSC$A_POINTER] = 0;
;  217          0816  2     RHB_DESC [DSC$W_LENGTH] = 0;
;  218          0817  2     FILE_DESC [DSC$A_POINTER] = 0;
;  219          0818  2     FILE_DESC [DSC$W_LENGTH] = 0;
;  220          0819  2     EOF = 0;
;  221          0820  2
;  222          0821  2     CASE .EDT$$G_INP_SRC FROM INP_TERM TO INP_JOURNAL OF
;  223          0822  2         SET
;  224          0823  2
;  225          0824  2         [INP_TERM] :
;  226          0825  2 !+
;  227          0826  2 ! Input is coming from the terminal (or command procedure)
;  228          0827  2 !-
;  229          0828  3             BEGIN
```

```
;  230     0829  3 !+
;  231     0830  3 ! Since we are about to read from the terminal, make sure the last
;  232     0831  3 ! line has been written to the journal file.
;  233     0832  3 !-
;  234     0833  3             EDT$$TI_FLUSHJOUFI (%C'T');
;  235     0834  3             EOF = EDT$$RD_CMDLN (.PROMPT, .PR_LEN, EDT$$T_CMD_BUF, EDT$$G_CMD_LEN, 255);
;  236     0835  3 !+
;  237     0836  3 ! Put the new line in the journal file buffer.
;  238     0837  3 !-
;  239     0838  3
;  240     0839  3             INCR COUNTER FROM 0 TO .EDT$$G_CMD_LEN - 1 DO
;  241     0840  3                 EDT$$TI_BUFCH (CH$RCHAR (CH$PTR (EDT$$T_CMD_BUF, .COUNTER)));
;  242     0841  3
;  243     0842  3             IF .EOF
;  244     0843  3             THEN
;  245     0844  4                 BEGIN
;  246     0845  4                 EDT$$TI_BUFCH (%C'^');
;  247     0846  4                 EDT$$TI_BUFCH (%C'Z');
;  248     0847  3                 END;
;  249     0848  3
;  250     0849  3 !+
;  251     0850  3 ! Even if we put no characters into the journal record (because the line
;  252     0851  3 ! is empty) it is important to output the record next time around, since
;  253     0852  3 ! an empty record changes the current line.
;  254     0853  3 !-
;  255     0854  3             EDT$$G_JOU_VALID = 1;
;  256     0855  2             END;
;  257     0856  2
;  258     0857  2         [INP_JOURNAL] :
;  259     0858  2 !+
;  260     0859  2 ! Input is coming from the journal file.
;  261     0860  2 !-
;  262     0861  3             BEGIN
;  263     0862  3             ASSERT (.EDT$$G_RCOV_MOD);          ! Better be recovering
;  264     0863  3
;  265     0864  3             IF EDT$$RD_JOUTXT (EDT$$T_CMD_BUF, EDT$$G_CMD_LEN)  !
;  266     0865  3             THEN
;  267     0866  3                 EDT$$TI_WRLN (EDT$$T_CMD_BUF, .EDT$$G_CMD_LEN)
;  268     0867  3             ELSE
;  269     0868  4                 BEGIN
;  270     0869  4                 EOF = 1;
;  271     0870  4                 EDT$$G_CMD_LEN = 0;
;  272     0871  3                 END;
;  273     0872  3
;  274     0873  3             EDT$$G_TIN_OBUFPOS = .EDT$$G_CMD_LEN
;  275     0874  3
;  276     0875  2             END;
;  277     0876  2
;  278     0877  2         [INP_COMMAND] :
;  279     0878  2 !+
;  280     0879  2 ! Input is coming from the startup file.
;  281     0880  2 !-
;  282     0881  3             BEGIN
;  283     0882  3
;  284     0883  3             LOCAL
;  285     0884  3                 STATUS;
;  286     0885  3
```

```
;  287          0886  3              STATUS = EDT$$CALLFIO (EDT$K_GET, EDT$K_COMMAND_FILE, FILE_DESC, RHB_DESC);
;  288          0887  3
;  289          0888  3              IF .STATUS
;  290          0889  3              THEN
;  291          0890  4                  BEGIN
;  292          0891  4                  EDT$$G_CMD_LEN = .FILE_DESC [DSC$W_LENGTH];
;  293          0892  4                  EDT$$CPY_MEM (.EDT$$G_CMD_LEN, .FILE_DESC [DSC$A_POINTER], EDT$$T_CMD_BUF);
;  294          0893  4                  END
;  295          0894  3              ELSE
;  296          0895  4                  BEGIN
;  297          0896  4                  EOF = 1;
;  298          0897  4                  EDT$$G_CMD_LEN = 0;
;  299          0898  3                  END;
;  300          0899  3
;  301          0900  2              END;
;  302          0901  2
;  303          0902  2          [INP_MACRO] :
;  304          0903  2      !+
;  305          0904  2      ! Input is coming from a text buffer.
;  306          0905  2      !-
;  307          0906  3              BEGIN
;  308          0907  3
;  309          0908  3              LOCAL
;  310          0909  3                  SAVE_TBCB;
;  311          0910  3
;  312          0911  3              SAVE_TBCB = .EDT$$A_CUR_BUF;
;  313          0912  3              EDT$$A_CUR_BUF = .EDT$$A_MAC_BUF;
;  314          0913  3              EDT$$RD_CURLN ();
;  315          0914  3
;  316          0915  4              IF (.EDT$$A_WK_LN NEQA EDT$$Z_EOB_LN)
;  317          0916  3              THEN
;  318          0917  4                  BEGIN
;  319          0918  4                  EDT$$CPY_MEM (.EDT$$A_WK_LN [LIN_LENGTH], EDT$$A_WK_LN [LIN_TEXT], EDT$$T_CMD_BUF);
;  320          0919  4                  EDT$$G_CMD_LEN = .EDT$$A_WK_LN [LIN_LENGTH];
;  321          0920  4                  EDT$$RD_NXTLN ()
;  322          0921  4                  END
;  323          0922  3              ELSE
;  324          0923  4                  BEGIN
;  325          0924  4                  EOF = 1;
;  326          0925  4                  EDT$$G_CMD_LEN = 0;
;  327          0926  3                  END;
;  328          0927  3
;  329          0928  3              EDT$$A_CUR_BUF = .SAVE_TBCB;
;  330          0929  3              EDT$$RD_CURLN ();
;  331          0930  2              END;
;  332          0931  2
;  333          0932  2          [INRANGE, OUTRANGE] :
;  334          0933  2              ASSERT (0);
;  335          0934  2          TES;
;  336          0935  2
;  337          0936  2      !+
;  338          0937  2      ! If input is coming from a file see if the line ended with ^Z.
;  339          0938  2      !-
;  340          0939  2
;  341          0940  3          IF (.EDT$$G_INP_SRC NEQ INP_TERM)
;  342          0941  2          THEN
;  343          0942  2
```

```
;  344          0943  2          IF CH$EQL (2, (EDT$$T_CMD_BUF - 2 + .EDT$$G_CMD_LEN), 2, UPLIT BYTE('^Z'))
;  345          0944  2          THEN
;  346          0945  3              BEGIN
;  347          0946  3              EDT$$G_CMD_LEN = .EDT$$G_CMD_LEN - 2;
;  348          0947  3              EOF = T;
;  349          0948  2              END;
;  350          0949  2
;  351          0950  2      IF ((.EDT$$G_INP_SRC NEQ INP_TERM) AND .EDT$$G_VFY) THEN EDT$$TI_WRLN (EDT$$T_CMD_BUF, .EDT$$G_CMD_LEN);
;  352          0951  2
;  353          0952  2      EDT$$A_CMD_END = CH$PTR (EDT$$T_CMD_BUF, .EDT$$G_CMD_LEN);
;  354          0953  2      EDT$$A_CMD_BUF = EDT$$T_CMD_BUF;
;  355          0954  2      CH$WCHAR (%C'!', .EDT$$A_CMD_END);
;  356          0955  2
;  357        L 0956  2 %IF %BLISS (BLISS32)
;  358          0957  2 %THEN
;  359          0958  2      STR$FREE1_DX (RHB_DESC);
;  360          0959  2      STR$FREE1_DX (FILE_DESC);
;  361          0960  2 %FI
;  362          0961  2
;  363          0962  2      RETURN (.EOF);
;  364          0963  1      END;                                    ! of routine EDT$$GET_LN


                                                .TITLE  EDT$INPUT EDT$INPUT - read a line of input
                                                .IDENT  \V04-000\

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

                                    5A  5E  00000 P.AAA:  .ASCII  \^Z\                                                    ;

                                                .EXTRN  EDT$K_GET, EDT$K_COMMAND_FILE
                                                .EXTRN  EDT$$T_CMD_BUF, EDT$$G_CMD_LEN
                                                .EXTRN  EDT$$A_CMD_END, EDT$$A_CMD_BUF
                                                .EXTRN  EDT$$G_SAV_CNT, EDT$$G_RCOV_MOD
                                                .EXTRN  EDT$$G_INP_SRC, EDT$$A_MAC_BUF
                                                .EXTRN  EDT$$A_CUR_BUF, EDT$$G_VFY
                                                .EXTRN  EDT$$Z_EOB_LN, EDT$$A_OK_LN
                                                .EXTRN  EDT$$G_TIN_OBUFPOS
                                                .EXTRN  EDT$$G_JOU_VALID
                                                .EXTRN  STR$FREE1_DX, EDT$$RD_JOUTXT
                                                .EXTRN  EDT$$TI_BUFCH, EDT$$TI_FLUSHJOUFI
                                                .EXTRN  EDT$$CALLFIO, EDT$$TI_WRLN
                                                .EXTRN  EDT$$RD_CMDLN, EDT$$RD_CURLN
                                                .EXTRN  EDT$$RD_NXTLN, EDT$$INTER_ERR

                                    0FFC 00000          .ENTRY  EDT$$GET_LN, Save R2,R3,R4,R5,R6,R7,R8,R9,-  ;  0717
                                                                R10,R11
                                5B 00000000G   00  9E 00002          MOVAB   EDT$$TI_BUFCH, R11                ;
                                5A 00000000G   00  9E 00009          MOVAB   EDT$$T_CMD_BUF, R10               ;
                                59 00000000G   00  9E 00010          MOVAB   EDT$$G_CMD_LEN, R9                ;
                                5E             10  C2 00017          SUBL2   #16, SP                           ;
                          03    AE             02  90 0001A          MOVB    #2, RHB_DESC+3                    ;  0810
                          08    AE 020E0000    8F  D0 0001E          MOVL    #34471936, FILE_DESC              ;  0818
                                         04    AE  D4 00026          CLRL    RHB_DESC+4                        ;  0815
                                               6E  B4 00029          CLRW    RHB_DESC                          ;  0816
                                         0C    AE  D4 0002B          CLRL    FILE_DESC+4                       ;  0817
                                               57  D4 0002E          CLRL    EOF                               ;  0819
```

```
                     03            00 00000000G  00   CF 00030          CASEL   EDT$$G_INP_SRC, #0, #3                          ; 0821
          005F     0096         00C3          0011     00038 1$:       .WORD   2$-1$,-
                                                                                14$-1$,-
                                                                                11$-1$,-
                                                                                7$-1$
                          00000000G  00               00   FB 00040          CALLS   #0, EDT$$INTER_ERR                          ; 0933
                                                      4C   11 00047          BRB     6$                                          ; 0821
                                  7E        54        8F   9A 00049 2$:      MOVZBL  #84, -(SP)                                  ; 0833
                          00000000G  00               01   FB 0004D          CALLS   #1, EDT$$TI_FLUSHJOUFI
                                  7E        FF        8F   9A 00054          MOVZBL  #255, -(SP)                                 ; 0834
                                                      59   DD 00058          PUSHL   R9
                                                      5A   DD 0005A          PUSHL   R10
                                  7E        04        AC   7D 0005C          MOVQ    PROMPT, -(SP)
                          00000000G  00               05   FB 00060          CALLS   #5, EDT$$RD_CMDLN
                                     57               50   D0 00067          MOVL    R0, EOF
                                     53               69   D0 0006A          MOVL    EDT$$G_CMD_LEN, R3                          ; 0839
                                     52               01   CE 0006D          MNEGL   #1, COUNTER
                                                      07   11 00070          BRB     4$
                                  7E              6A42   9A 00072 3$:       MOVZBL  EDT$$T_CMD_BUF[COUNTER], -(SP)              ; 0840
                                  6B                  01   FB 00076          CALLS   #1, EDT$$TI_BUFCH
                        F5        52                  53   F2 00079 4$:      AOBLSS  R3, COUNTER, 3$
                                  0E                  57   E9 0007D          BLBC    EOF, 5$                                     ; 0842
                                  7E        5E        8F   9A 00080          MOVZBL  #94, -(SP)                                  ; 0845
                                  6B                  01   FB 00084          CALLS   #1, EDT$$TI_BUFCH
                                  7E        5A        8F   9A 00087          MOVZBL  #90, -(SP)                                  ; 0846
                                  6B                  01   FB 0008B          CALLS   #1, EDT$$TI_BUFCH
                          00000000G  00               01   D0 0008E 5$:      MOVL    #1, EDT$$G_JOU_VALID                        ; 0854
                                                      62   11 00095 6$:      BRB     13$                                         ; 0821
                                  07 00000000G        00   E8 00097 7$:      BLBS    EDT$$G_RCOV_MOD, 8$                         ; 0862
                          00000000G  00               00   FB 0009E          CALLS   #0, EDT$$INTER_ERR
                                                      59   DD 000A5 8$:      PUSHL   R9                                          ; 0864
                                                      5A   DD 000A7          PUSHL   R10
                          00000000G  00               02   FB 000A9          CALLS   #2, EDT$$RD_JOUTXT
                                     0D               50   E9 000B0          BLBC    R0, 9$
                                                      69   DD 000B3          PUSHL   EDT$$G_CMD_LEN                              ; 0866
                                                      5A   DD 000B5          PUSHL   R10
                          00000000G  00               02   FB 000B7          CALLS   #2, EDT$$TI_WRLN
                                                      05   11 000BE          BRB     10$
                                     57               01   D0 000C0 9$:      MOVL    #1, EOF                                     ; 0869
                                                      69   D4 000C3          CLRL    EDT$$G_CMD_LEN                              ; 0870
                          00000000G  00               69   D0 000C5 10$:     MOVL    EDT$$G_CMD_LEN, EDT$$G_TIN_OBUFPOS          ; 0873
                                                      2B   11 000CC          BRB     13$
                                                      5E   DD 000CE 11$:     PUSHL   SP                                          ; 0886
                                           0C         AE   9F 000D0          PUSHAB  FILE_DESC
                                   00000000G          8F   DD 000D3          PUSHL   #EDT$K_COMMAND_FILE
                                   00000000G          8F   DD 000D9          PUSHL   #EDT$K_GET
                          00000000G  00               04   FB 000DF          CALLS   #4, EDT$$CALLFIO
                                     0B               50   E9 000E6          BLBC    STATUS, 12$                                 ; 0888
                                     69        08     AE   3C 000E9          MOVZWL  FILE_DESC, EDT$$G_CMD_LEN                   ; 0891
                     6A        0C   BE                69   28 000ED          MOVC3   EDT$$G_CMD_LEN, @FILE_DESC+4, -             ; 0892
                                                                                EDT$$T_CMD_BUF
                                                      5A   11 000F2          BRB     17$                                         ; 0888
                                     57               01   D0 000F4 12$:     MOVL    #1, EOF                                     ; 0896
                                                      69   D4 000F7          CLRL    EDT$$G_CMD_LEN                              ; 0897
                                                      53   11 000F9 13$:     BRB     17$                                         ; 0821
                                  58 00000000G        00   D0 000FB 14$:     MOVL    EDT$$A_CUR_BUF, SAVE_TBCB                   ; 0911
                          00000000G  00 00000000G     00   D0 00102          MOVL    EDT$$A_MAC_BUF, EDT$$A_CUR_BUF              ; 0912
```

```
                 00.00000G  00                00  FB 0010D          CALLS   #0, EDT$$RD_CURLN                          ; 0913
                            56 0000000G       00  D0 00114          MOVL    EDT$$A_WK_LN, R6                          ; 0915
                            50 0000000G       00  9E 0011B          MOVAB   EDT$$Z_EOB_LN, R0                         ;
                            50                56  D1 00122          CMPL    R6, R0                                    ;
                                              14  13 00125          BEQL    15$                                       ;
                            50                66  9A 00127          MOVZBL  (R6), R0                                  ; 0918
                     6A       07              A6  28 0012A          MOVC3   R0, 7(R6), EDT$$T_CMD_BUF                 ;
                            69                66  9A 0012F          MOVZBL  (R6), EDT$$G_CMD_LEN                      ; 0919
                 00000000G  00                00  FB 00132          CALLS   #0, EDT$$RD_NXTLN                         ; 0920
                                              05  11 00139          BRB     16$                                       ;
                            57                01  D0 0013B 15$:     MOVL    #1, EOF                                   ; 0924
                            69                D4  D4 0013E          CLRL    EDT$$G_CMD_LEN                            ; 0925
                 00000000G  00                58  D0 00140 16$:     MOVL    SAVE_TBCB, EDT$$A_CUR_BUF                 ; 0928
                 00000000G  00                00  FB 00147          CALLS   #0, EDT$$RD_CURLN                         ; 0929
                                              51  D4 0014E 17$:     CLRL    R1                                        ; 0940
                                 00000000G    00  D5 00150          TSTL    EDT$$G_INP_SRC                            ;
                                              16  13 00156          BEQL    18$                                       ;
                                              51  D6 00158          INCL    R1                                        ;
                            50                69  D0 0015A          MOVL    EDT$$G_CMD_LEN, R0                        ; 0943
                                    FE AA40   9F  9F 0015D          PUSHAB  EDT$$T_CMD_BUF-2[R0]                      ;
                        FE98        CF        9E  B1 00161          CMPW    @(SP)+, P.AAA                             ;
                                              06  12 00166          BNEQ    18$                                       ;
                            69                02  C2 00168          SUBL2   #2, EDT$$G_CMD_LEN                        ; 0946
                            57                01  D0 0016B          MOVL    #1, EOF                                   ; 0947
                            12                51  E9 0016E 18$:     BLBC    R1, 19$                                   ; 0950
                            0B 00000000G      00  E9 00171          BLBC    EDT$$G_VFY, 19$                           ;
                                              69  DD 00178          PUSHL   EDT$$G_CMD_LEN                            ;
                                              5A  DD 0017A          PUSHL   R10                                       ;
                 00000000G  00                02  FB 0017C          CALLS   #2, EDT$$TI_WRLN                          ;
                            50                6A  9E 00183 19$:     MOVAB   EDT$$T_CMD_BUF, R0                        ; 0952
      00000000G  00         50                69  C1 00186          ADDL3   EDT$$G_CMD_LEN, R0, EDT$$A_CMD_END        ;
                 00000000G  00                6A  9E 0018E          MOVAB   EDT$$T_CMD_BUF, EDT$$A_CMD_BUF            ; 0953
                            50 00000000G      00  D0 00195          MOVL    EDT$$A_CMD_END, R0                        ; 0954
                            60                21  90 0019C          MOVB    #33, (R0)                                 ;
                                              5E  DD 0019F          PUSHL   SP                                        ; 0958
                      00000000G  00           01  FB 001A1          CALLS   #1, STR$FREE1_DX                          ;
                                    08        AE  9F 001A8          PUSHAB  FILE_DESC                                 ; 0959
                 00000000G  00                01  FB 001AB          CALLS   #1, STR$FREE1_DX                          ;
                            50                57  D0 001B2          MOVL    EOF, R0                                   ; 0962
                                              04  001B5             RET                                               ; 0963

; Routine Size:  438 bytes,    Routine Base:  _EDT$CODE + 0002

;  365          0964  1
;  366          0965  1 !<BLF/PAGE>
```

```
;  368          0966  1 END                                   . of module EDT$INPUT
;  369          0967  1
;  370          0968  0 ELUDOM



;                                   PSECT SUMMARY
;
;       Name                    Bytes                           Attributes
;
;  _EDT$CODE                        440  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        13         3          40        00:00.2
;  _$255$DUA28:[EDT.SRC]PSECTS.L32;1                 2         1        50           7        00:00.1
;  _$255$DUA28:[SYSLIB]STARLET.L32;1              9776         6         0         581        00:04.0



;                                       COMMAND QUALIFIERS

;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:INPUT/OBJ=OBJ$:INPUT MSRC$:INPUT.BLI/UPDATE=(ENH$:INPUT)

; Size:          438 code + 2 data bytes
; Run Time:          00:26.2
; Elapsed Time:      00:36.5
; Lines/CPU Min:      2219
; Lexemes/CPU-Min:    7309
; Memory Used:   149 pages
; Compilation Complete
```

FPUTMES
LIS

FPUT
LIS

FTEXT
LIS

INIT
LIS

FIXNOTRUN
LIS

HANDLER
LIS

FPUTCHAR
LIS

GETXLATE
LIS

IOMOD
LIS

FLITERAL
LIS

FSTRING
LIS

INPUT
LIS

FIXNOTRUM
LIS

HELP
LIS