```
EEEEEEEEEEEEEEEE   DDDDDDDDDD       TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD       TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD       TTTTTTTTTTTTTTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEEEEEEEEEEEE      DDD      DDD           TTT
EEEEEEEEEEEEE      DDD      DDD           TTT
EEEEEEEEEEEEE      DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEE                DDD      DDD           TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD             TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD             TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD             TTT
```

EXE

Mod

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IIIIII   NN       NN   IIIIII   TTTTTTTTTT
IIIIII   NN       NN   IIIIII   TTTTTTTTTT
  II     NN       NN     II         TT
  II     NN       NN     II         TT
  II     NNNN     NN     II         TT
  II     NNNN     NN     II         TT
  II     NN  NN   NN     II         TT
  II     NN  NN   NN     II         TT
  II     NN    NNNN      II         TT
  II     NN    NNNN      II         TT
  II     NN      NN      II         TT
  II     NN      NN      II         TT
IIIIII   NN      NN   IIIIII        TT        ....
IIIIII   NN      NN   IIIIII        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$INIT - initialize'
   2   0002   0  MODULE EDT$INIT (                         ! Initialize
   3   0003   0                  IDENT = 'V04-000'                ! File: INIT.BLI Edit: JBS1054
   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  !*                                                              *
  13   0013   1  !*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
  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  !       Initialize EDT
  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: August 6, 1979
  41   0041   1  !
  42   0042   1  !  MODIFIED BY:
  43   0043   1  !
  44   0044   1  !  1-001 - Original.  DJS 18-FEB-1981.  This module was created by
  45   0045   1  !          extracting routine EDT$$INIT  from module TINPUT.
  46   0046   1  !  1-002 - Regularized the headers and arranged to call EDT$$FATAL_IOERR  for I/O errors.  JBS 19-Feb-1981
  47   0047   1  !  1-003 - Changed from IO_STS and IO_FNF to EDT$$G_IOFI_NFND .  JBS 19-Feb-1981
  48   0048   1  !  1-004 - Fixed module and file name.  JBS 04-Mar-1981
  49   0049   1  !  1-005 - Fix the file name.  JBS 11-Mar-1981
  50   0050   1  !  1-006 - Use new message codes.  JBS 04-Aug-1981
  51   0051   1  !  1-007 - Check for storage exhausted when defining the permanent buffers, and return
  52   0052   1  !          a value rather than printing a message if the primary input file is not found.  JBS 16-Aug-1981
  53   0053   1  !  1-008 - Initialization moved from EDT$DATA to here.  STS 05-Nov-1981
  54   0054   1  !  1-009 - Add some initialization of the TBCB for the main buffer.  (a bug
  55   0055   1  !          surfaced where the cur_line was not zero.)  STS 13-Nov-1981
  56   0056   1  !  1-010 - Change this to initialize everything necessary for sharable
  57   0057   1  !          image.  STS 17-Nov-1981
```

```
58    0058  1 !  1-011 - Initialize the control C data by calling EDT$$CLR_CC.  JBS 29-Dec-1981
59    0059  1 !  1-012 - Convert to fileio to open input file. STS 06-Jan-1982
60    0060  1 !  1-013 - Remove reference to edt$$z_sys_prirab. STS 22-Jan-1982
61    0061  1 !  1-014 - Autorepeat is initially on.  JBS 30-Jan-1982
62    0062  1 !  1-015 - Initialize EDT$$G_ENB_AUTRPT.  JBS 11-Feb-1982
63    0063  1 !  1-016 - Use routine edt$workio to open workfile. STS 08-Feb-1982
64    0064  1 !  1-017 - Initialize descriptor EDT$$Z_WF_DESC. STS 15-Feb-1982
65    0065  1 !  1-018 - Add literals needed for callable EDT. STS 08-Mar-1982
66    0066  1 !  1-019 - Initialize line number correctly. STS 10-Mar-1982
67    0067  1 !  1-020 - Change EDT$$G_CMD and EDT$$G_JOU to EDT$$V_OPTIONS.  JBS 18-Mar-1982
68    0068  1 !  1-021 - The file I/O routine returns a status code.  Watch for EDT$_NONSTDFIL.
69    0069  1 !          JBS 26-Mar-1982
70    0070  1 !  1-022 - Correct a typo in non-standard file handling.  JBS 27-Mar-1982
71    0071  1 !  1-023 - Don't clear EDT$$G_EIGHT_BIT.  JBS 05-Apr-1982
72    0072  1 !  1-024 - Set up input file open flag. STS 07-Apr-1982
73    0073  1 !  1-025 - Don't initialiaze the TBCBs -- now done by EDT$$GET_BUFPTR.  JBS 08-Apr-1982
74    0074  1 !  1-026 - Initialize EDT$$G_JOU_VALID.  JBS 09-Apr-1982
75    0075  1 !  1-027 - Improve the message if the primary input file cannot be opened.  JBS 03-Jun-1982
76    0076  1 !  1-028 - Pass the default file name in the RHB parameter.  JBS 15-Jun-1982
77    0077  1 !  1-029 - Set EDT$$G_CHM_FRST_ENTRY to 1 for callable EDT.  SMB 01-Jul-1982
78    0078  1 !  1-030 - Initialize EDT$$G_LASTMSG, remove EDT$$G_CHM_FRST_ENTRY.  JBS 05-JUL-1982
79    0079  1 !  1-031 - Take out reference to PRTC prompt. STS 07-Jul-1982
80    0080  1 !  1-032 - Save original terminal width. STS 08-Jul-1982
81    0081  1 !  1-033 - Change the line mode insert prompt.  SMB 14-Jul-1982
82    0082  1 !  1-034 - Remove EDT$$A_STR_CMP.  JBS 19-Jul-1982
83    0083  1 !  1-035 - Add initialization of select range. STS 06-Aug-1982
84    0084  1 !  1-036 - Move open input file first and get out if not found and
85    0085  1 !          nocreate. STS 10-Aug-1982
86    0086  1 !  1-037 - New implementation of defined keys.  JBS 12-Aug-1982
87    0087  1 !  1-038 - Make use of the bit masks in the options word. STS 17-Aug-1982
88    0088  1 !  1-039 - Fix up references to EDT$M_.  JBS 23-Aug-1982
89    0089  1 !  1-040 - Zero out the help file open flag. STS 27-Aug-1982
90    0090  1 !  1-041 - Call EDT$$INIT_IO.  JBS 27-Aug-1982
91    0091  1 !  1-042 - Initialize EDT$$G_ENB_AUTRPT in the terminal initialization.  JBS 02-Sep-1982
92    0092  1 !  1-043 - Initialize some screen structure globals.  SMB 10-Oct-1982
93    0093  1 !  1-044 - Initialize the keypad translation table.  JBS 17-Oct-1982
94    0094  1 !  1-045 - New handling of EDT$$G_SCR_REBUILD.  JBS 21-Oct-1982
95    0095  1 !  1-046 - Make edt$$wf_desc static not dynamic descriptor. STS 11-Nov-1982
96    0096  1 !  1-047 - Initialize EDT$$A_OLD_SEL.  JBS 02-Dec-1982
97    0097  1 !  1-048 - Remove reference to EDT$$T_EXE_LNO.  JBS 14-Dec-1982
98    0098  1 !  1-049 - Initialize EDT$$G_CS_LNO.  JBS 29-Dec-1982
99    0099  1 !  1-050 - Initialize EDT$$G_TOP_SCREG, EDT$$G_BOT_SCREG.  SMB 11-Jan-1983
100   0100  1 !  1-051 - Initialize EDT$$G_RECSCRUPD.  JBS 21-Jan-1983
101   0101  1 !  1-052 - Add conditionals for WPS support.  JBS 10-Feb-1983
102   0102  1 !  1-053 - Defer non-standard message if no output file specified.  JBS 24-Mar-1983
103   0103  1 !  1-054 - Initialize EDT$$G_TAB_SIZ and EDT$$G_TAB_LVL.  JBS 16-Sep-1983
104   0104  1 !--
105   0105  1
```

```
  107      0106   1 %SBTTL 'Declarations'
  108      0107   1 !
  109      0108   1 ! TABLE OF CONTENTS:
  110      0109   1 !
  111      0110   1
  112      0111   1 REQUIRE 'EDTSRC:TRAROUNAM';
  113      0550   1
  114      0551   1 FORWARD ROUTINE
  115      0552   1     EDT$$INIT;
  116      0553   1
  117      0554   1 !
  118      0555   1 ! INCLUDE FILES:
  119      0556   1 !
  120      0557   1
  121      0558   1 REQUIRE 'EDTSRC:EDTREQ';
  122      0693   1
  123    L 0694   1 %IF %BLISS (BLISS32)
  124      0695   1 %THEN
  125      0696   1
  126      0697   1 REQUIRE 'EDTSRC:SYSSYM';
  127      0727   1
  128      0728   1 %FI
  129      0729   1
  130      0730   1 LIBRARY 'EDTSRC:SUPPORTS';
  131      0731   1
  132      0732   1 LIBRARY 'EDTSRC:KEYPADDEF';
  133      0733   1
  134      0734   1 !
  135      0735   1 ! MACROS:
  136      0736   1 !
  137      0737   1 !       NONE
  138      0738   1 !
  139      0739   1 ! EQUATED SYMBOLS:
  140      0740   1 !
  141      0741   1 !       NONE
  142      0742   1 !
  143      0743   1
  144      0744   1 LITERAL
  145      0745   1     NO_SELECT = -1;
  146      0746   1
  147      0747   1 !
  148      0748   1 !
  149      0749   1 ! OWN STORAGE:
  150      0750   1 !
  151      0751   1 !       NONE
  152      0752   1 !
  153      0753   1 ! EXTERNAL REFERENCES:
  154      0754   1 !
  155      0755   1 !       In the routine
```

EDT$INIT
V04-000

H 9
EDT$INIT - initialize   16-Sep-1984 00:32:49   VAX-11 Bliss-32 V4.0-742   Page 4
EDT$$INIT - Initialize EDT   14-Sep-1984 12:23:18   DISK$VMSMASTER:[EDT.SRC]INIT.BLI;1   (3)

```
  157  0756  1  %SBTTL 'EDT$$INIT  - Initialize EDT'
  158  0757  1
  159  0758  1  GLOBAL ROUTINE EDT$$INIT                            ! Initialize EDT
  160  0759  1      =
  161  0760  1
  162  0761  1  !++
  163  0762  1  ! FUNCTIONAL DESCRIPTION:
  164  0763  1  !
  165  0764  1  !     Initialize EDT
  166  0765  1  !
  167  0766  1  ! FORMAL PARAMETERS:
  168  0767  1  !
  169  0768  1  !     NONE
  170  0769  1  !
  171  0770  1  ! IMPLICIT INPUTS:
  172  0771  1  !
  173  0772  1  !     EDT$$L_LNO_EMPTY
  174  0773  1  !     EDT$$A_CUR_BUF
  175  0774  1  !     EDT$$A_INP_NAM
  176  0775  1  !     EDT$$G_INP_NAMLEN
  177  0776  1  !     EDT$$G_IOFI_NFND
  178  0777  1  !
  179  0778  1  ! IMPLICIT OUTPUTS:
  180  0779  1  !
  181  0780  1  !     Most of EDT's global variables
  182  0781  1  !
  183  0782  1  ! ROUTINE VALUE:
  184  0783  1  !
  185  0784  1  !     0                         Primary input file was not found
  186  0785  1  !     1                         Primary input file was found
  187  0786  1  !     2                         Primary input file does not have standard text format
  188  0787  1  !     3                         Primary input file open failure or other fatal error--abort
  189  0788  1  !
  190  0789  1  ! SIDE EFFECTS:
  191  0790  1  !
  192  0791  1  !     Initializes most variables.
  193  0792  1  !     Opens the work file and terminal.
  194  0793  1  !     Establishes the MAIN and PASTE buffers, or fails.
  195  0794  1  !     Any I/O errors are fatal.
  196  0795  1  !
  197  0796  1  !--
  198  0797  1
  199  0798  2      BEGIN
  200  0799  2
  201  0800  2      EXTERNAL ROUTINE
  202  0801  2          EDT$$CALLWIO,                          ! sets up handler and calls general work routine
  203  0802  2          EDT$$CALLFIO,                          ! sets up handler and calls file routine
  204  0803  2          EDT$$FMT_MSG,
  205  0804  2          EDT$$FATAL_IOERR : NOVALUE,
  206  0805  2          EDT$$TI_OPN,
  207  0806  2          EDT$$ALO_HEAP,                         ! allocate heap storage for strings
  208  0807  2          EDT$$GET_BUFPTR,
  209  0808  2          EDT$$FND_BUF,
  210  0809  2          EDT$$NEW_BUF,
  211  0810  2          EDT$$CLR_CC : NOVALUE,                  ! Clear control C state
  212  0811  2          EDT$$FIOPN_ERR : NOVALUE,              ! Report a file open error
  213  0812  2          EDT$$INIT_IO : NOVALUE;                ! Initialize the I/O system
```

```
 214    0813   2              EXTERNAL LITERAL
 215    0814   2                  EDT$M_RECOVER,                          ! /RECOVER specified
 216    0815   2                  EDT$M_NOOUTPUT,                         ! /NOOUTPUT or /READ_ONLY specified
 217    0816   2                  EDT$M_NOCREATE,                         ! /NOCREATE specified
 218    0817   2                  EDT$K_OPEN_IN_OUT,
 219    0818   2                  EDT$K_OPEN_INPUT,
 220    0819   2                  EDT$K_INPUT_FILE;
 221    0820   2
 222    0821   2
 223  L 0822   2      %IF %BLISS (BLISS32)
 224    0823   2      %THEN
 225    0824   2
 226    0825   2              EXTERNAL ROUTINE
 227    0826   2                  STR$FREE1_DX;
 228    0827   2
 229    0828   2      %FI
 230    0829   2
 231    0830   2              EXTERNAL
 232    0831   2                  EDT$$G_TOP_SCREG,                       ! Top of scrolling region
 233    0832   2                  EDT$$G_BOT_SCREG,                       ! Bottom of scrolling region
 234    0833   2                  EDT$$L_LNO_EMPTY : LN_BLOCK,            ! Empty record
 235    0834   2                  EDT$$L_TOP_LN : LN_BLOCK,               ! Top screen record
 236    0835   2                  EDT$$A_EOB_SCRPTR,                      ! End of buffer screen pointer
 237    0836   2                  EDT$$A_FST_SCRPTR,                      ! First screen pointer
 238    0837   2                  EDT$$G_LASTMSG,                         ! The last message printed
 239    0838   2                  EDT$$G_INPUT_OPN,                       ! input file open flag
 240    0839   2                  EDT$$G_CMD_OPN,                         ! command file open flag
 241    0840   2                  EDT$$A_CUR_BUF : REF TBCB_BLOCK,        ! Current text buffer control block.
 242    0841   2                  EDT$$A_INP_NAM,                         ! Name of input file.
 243    0842   2                  EDT$$G_HELP_SET,                        ! Flag to indicate help file opened
 244    0843   2                  EDT$$A_INP_NAMLEN,                      ! Length of input file name.
 245    0844   2                  EDT$$A_PRV_BUF,                         ! Previous tbcb.
 246    0845   2                  EDT$$A_PST_BUF,                         ! Paste buffer tbcb.
 247    0846   2                  EDT$$G_EDIT_MOD,
 248    0847   2                  EDT$$A_SEL_BUF,                         ! address of select buffer
 249    0848   2                  EDT$$A_OLD_SEL,                         ! Address of previous select buffer
 250    0849   2                  EDT$$G_EDIT_DFLTMOD,
 251    0850   2                  EDT$$G_SAV_CNT,
 252    0851   2                  EDT$$G_EXITD,
 253    0852   2                  EDT$$A_OUT_NAM,
 254    0853   2                  EDT$$G_PRV_LN,
 255    0854   2                  EDT$$A_TIN_IBUFPTR,
 256    0855   2                  EDT$$G_OUT_NAMLEN,
 257    0856   2                  EDT$$A_CMD_NAM,
 258    0857   2                  EDT$$G_NOS,
 259    0858   2                  EDT$$G_CAS_FLG,
 260    0859   2                  EDT$$G_EXCT_MATCH,
 261    0860   2                  EDT$$G_SEA_BEG,
 262    0861   2                  EDT$$G_SEA_BNDD,
 263    0862   2                  EDT$$G_QUIET,
 264    0863   2                  EDT$$G_RPT,
 265    0864   2                  EDT$$G_FNF_MSGFLG,
 266    0865   2                  EDT$$G_VFY,
 267    0866   2                  EDT$$G_TRUN,
 268    0867   2                  EDT$$G_TI_WID,
 269    0868   2                  EDT$$G_SAV_TIWID,
 270    0869   2                  EDT$$A_BUF_LST,
```

```
271    0870   2              EDT$$G_KPAD,
272    0871   2              EDT$$G_WD_WRAP,
273    0872   2              EDT$$G_SCLL_TOP,
274    0873   2              EDT$$G_SCLL_BOT,
275    0874   2              EDT$$G_SCR_LNS,
276    0875   2              EDT$$G_CS_LNO,
277    0876   2              EDT$$G_SCR_REBUILD,
278    0877   2              EDT$$G_RECS_INSERTED,
279    0878   2              EDT$$A_US_ENT : VECTOR,
280    0879   2              EDT$$A_US_TXT : VECTOR,
281    0880   2              EDT$$G_TXT_ONSCR,
282    0881   2              EDT$$G_INP_CNT,
283    0882   2              EDT$$G_RCOV_MOD,
284    0883   2              EDT$$G_SHF,
285    0884   2              EDT$$G_TAB_SIZ,
286    0885   2              EDT$$G_TAB_LVL,
287    0886   2              EDT$$G_LN_CHGD,
288    0887   2              EDT$$G_MSGFLG,
289    0888   2              EDT$$G_DIR_MOD,
290    0889   2              EDT$$A_SEL_POS,
291    0890
292  L 0891   2      %IF SUPPORT_WPS
293    0892   2      %THEN
294    0893   2              EDT$$G_DFLT_VERB,
295    0894   2              EDT$$G_SUMRY,
296    0895   2              EDT$$G_WRDTYP,
297    0896   2              EDT$$G_PARTYP,
298    0897   2      %FI
299    0898
300    0899   2              EDT$$G_TRN_TBLINIT,
301    0900   2              EDT$$G_K_AUTRPT,
302    0901   2              EDT$$G_RDAHED,
303    0902   2              EDT$$G_WK_AVAIL,
304    0903   2              EDT$$G_WK_CURBUK,
305    0904   2              EDT$$G_WK_GRTSTBUK,
306    0905   2              EDT$$G_WK_MODFD,
307    0906   2              EDT$$A_FMT_CUR,
308    0907   2              EDT$$G_FMT_LNPOS,
309    0908   2              EDT$$A_FMT_WRRUT,
310    0909   2              EDT$$G_PA_ABO,
311    0910   2              EDT$$A_PA_CURTOK,
312    0911   2              EDT$$G_PA_NOQUO,
313    0912   2              EDT$$G_TIN_OBUFPOS,
314    0913   2              EDT$$G_SEA_STRLEN,
315    0914   2              EDT$$G_SUB_STRLEN,
316    0915   2              EDT$$T_PMT_LINE : VECTOR,
317    0916   2              EDT$$T_PMT_KPD : VECTOR,
318    0917   2              EDT$$T_PMT_NOKPD : VECTOR,
319    0918   2              EDT$$T_PMT_HCCHG : VECTOR,
320    0919   2              EDT$$T_PMT_INS : VECTOR,
321    0920   2              EDT$$T_PMT_INSN : VECTOR,
322    0921   2              EDT$$T_PMT_QUERY : VECTOR,
323    0922   2              EDT$$T_FMT_BUF,
324    0923   2              EDT$$TT_WRLN,
325    0924   2              EDT$$T_CMD_BUF,
326    0925   2              EDT$$G_IOFI_NFND,                    ! 1 = open failed due to file not found
327    0926   2              EDT$$Z_WF_DESC : BLOCK [8, BYTE],
```

```
328   0927  2          EDT$$V_OPTIONS : BITVECTOR [32],              ! Options bits, bit 0 = /RECOVER
329   0928  2          EDT$$G_JOU_VALID,                            ! 1 = journal record is valid
330   0929  2          EDT$$A_TRN_TBL : VECTOR [K_KPAD_HASHSIZ],
331   0930  2          EDT$$G_RECSCRUPD,                            ! Counter for updating the screen during recovery mode
332   0931  2          EDT$$G_WRITE_MSG;                            ! Message on next WRITE or EXIT command
333   0932  2
334   0933  2      MESSAGES ((INSMEM, INPFILOPN, NONSTDFIL));
335   0934  2
336   0935  2      LOCAL
337   0936  2          LEN,
338   0937  2          FILE_DESC : BLOCK [8, BYTE],
339   0938  2          RHB_DESC : BLOCK [8, BYTE],
340   0939  2          NEW,
341   0940  2          RETURN_VALUE,
342   0941  2          IO_STS;
343   0942  2
344   0943  2      RETURN_VALUE = 1;                                ! Assume success
345   0944  2  !+
346   0945  2  ! on VAX/VMS we have fields defined for descriptors
347   0946  2  ! fill them in
348   0947  2  !-
349   0948  2
350 L 0949  2  %IF %BLISS (BLISS32)
351   0950  2  %THEN
352   0951  2      EDT$$Z_WF_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
353   0952  2      EDT$$Z_WF_DESC [DSC$B_CLASS] = DSC$K_CLASS_S;
354   0953  2      FILE_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
355   0954  2      FILE_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
356   0955  2      RHB_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
357   0956  2      RHB_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
358   0957  2  %FI
359   0958  2
360   0959  2      EDT$$Z_WF_DESC [DSC$A_POINTER] = 0;
361   0960  2      EDT$$Z_WF_DESC [DSC$W_LENGTH] = 512;
362   0961  2      FILE_DESC [DSC$A_POINTER] = 0;
363   0962  2      FILE_DESC [DSC$W_LENGTH] = 0;
364   0963  2      RHB_DESC [DSC$A_POINTER] = 0;
365   0964  2      RHB_DESC [DSC$W_LENGTH] = 0;
366   0965  2  !+
367   0966  2  ! Initialize a lot of variables.
368   0967  2  !-
369   0968  2      MOVELINE (EDT$$L_LNO_EMPTY, EDT$$L_TOP_LN);
370   0969  2      EDT$$A_FST_SCRPTR = 0;
371   0970  2      EDT$$A_EOB_SCRPTR = 0;
372   0971  2      EDT$$G_LASTMSG = 1;                              ! No last message
373   0972  2      EDT$$A_SEL_BUF = 0;                              ! No select range
374   0973  2      EDT$$A_OLD_SEL = 0;                              ! No previous select buffer
375   0974  2      EDT$$G_RCOV_MOD = ((.EDT$$V_OPTIONS AND EDT$M_RECOVER) NEQ 0);
376   0975  2      EDT$$G_RECSCRUPD = 0;
377   0976  2      EDT$$G_EDIT_MOD = LINE_MODE;
378   0977  2      EDT$$G_CMD_OPN = 0;
379   0978  2      EDT$$G_EDIT_DFLTMOD = LINE_MODE;
380   0979  2      EDT$$G_SAV_CNT = 3;
381   0980  2      EDT$$G_HELP_SET = 0;
382   0981  2      EDT$$G_EXITD = 0;
383   0982  2      EDT$$G_NOS = 1;
384   0983  2      EDT$$G_CAS_FLG = 0;
```

```
385    0984   2          EDT$$G_EXCT_MATCH = 0;
386    0985   2          EDT$$G_SEA_BEG = 1;
387    0986   2          EDT$$G_SEA_BNDD = 0;
388    0987   2          EDT$$G_QUIET = 0;
389    0988   2          EDT$$G_RPT = 1;
390    0989   2          EDT$$G_VFY = 0;
391    0990   2          EDT$$G_TRUN = 1;
392    0991   2          EDT$$G_TI_WID = 80;
393    0992   2          EDT$$A_BUF_LST = 0;
394    0993   2          EDT$$G_KPAD = 1;
395    0994   2          EDT$$G_WD_WRAP = 256;
396    0995   2          EDT$$G_SCLL_TOP = 7;
397    0996   2          EDT$$G_SCLL_BOT = 14;
398    0997   2          EDT$$G_SCR_LNS = 22;
399    0998              !+
400    0999   2          ! Set scrolling boundaries to 99 to ensure that they get set the
401    1000   2          ! first time thru change mode.
402    1001              !-
403    1002   2          EDT$$G_TOP_SCREG = 99;
404    1003   2          EDT$$G_BOT_SCREG = 99;
405    1004   2          EDT$$G_RECS_INSERTED = 0;
406    1005   2          EDT$$G_SCR_REBUILD = 1;
407    1006   2          EDT$$G_CS_LNO = -1;
408    1007   2          EDT$$G_TXT_ONSCR = 0;
409    1008   2          EDT$$G_INP_CNT = 0;
410    1009   2          EDT$$G_SHF = 0;
411    1010   2          EDT$$G_TAB_LVL = 0;
412    1011   2          EDT$$G_TAB_SIZ = 0;
413    1012   2          EDT$$G_LN_CHGD = 0;
414    1013   2          EDT$$G_MSGFLG = 0;
415    1014   2          EDT$$G_DIR_MOD = 1;
416    1015   2          EDT$$G_PRV_LN = 999;
417    1016   2          EDT$$A_SEL_POS = NO_SELECT;
418    1017
419  L 1018   2  %IF SUPPORT_WPS
420    1019   2  %THEN
421    1020   2          EDT$$G_DFLT_VERB = 0;
422    1021   2          EDT$$G_SUMRY = 1;
423    1022   2          EDT$$G_WRDTYP = 0;
424    1023   2          EDT$$G_PARTYP = 1;
425    1024   2  %FI
426    1025
427    1026   2          EDT$$G_TRN_TBLINIT = 0;
428    1027   2          EDT$$G_K_AUTRPT = 1;
429    1028   2          EDT$$G_RDAHED = 0;
430    1029   2          EDT$$G_WK_AVAIL = 0;
431    1030   2          EDT$$G_WK_CURBUK = 0;
432    1031   2          EDT$$G_WK_GRTSTBUK = 1;
433    1032   2          EDT$$G_WK_MODFD = 0;
434    1033   2          EDT$$G_FMT_LNPOS = 0;
435    1034   2          EDT$$G_PA_ABO = 0;
436    1035   2          EDT$$A_PA_CURTOK = EDT$$T_CMD_BUF;
437    1036   2          EDT$$G_PA_NOQUO = 0;
438    1037   2          EDT$$G_TIN_OBUFPOS = 0;
439    1038   2          EDT$$A_TIN_IBUFPTR = 0;
440    1039   2          EDT$$G_SEA_STRLEN = 0;
441    1040   2          EDT$$G_SUP_STRLEN = 0;
```

```
442     1041   2          EDT$$G_JOU_VALID = 0;
443     1042   2    !+
444     1043   2    ! Initialize the keypad translation table to all empty.
445     1044   2    !-
446     1045   2
447     1046   2          INCR I FROM 0 TO (K_KPAD_HASHSIZ - 1) DO
448     1047   2              EDT$$A_TRN_TBL [.I] = 0;
449     1048   2
450     1049   2    !+
451     1050   2    ! Initialize the I/O system.
452     1051   2    !-
453     1052   2          EDT$$INIT_IO ();
454     1053   2    !+
455     1054   2    ! Open the terminal.  If it fails, abort.
456     1055   2    !-
457     1056   2          EDT$$TI_OPN ();
458     1057   2    !+
459     1058   2    ! Attempt open first
460     1059   2    !-
461     1060   2          EDT$$G_INPUT_OPN = 0;
462     1061   2          EDT$$G_FNF_MSGFLG = 1;
463     1062   2          EDT$$A_FMT_CUR = EDT$$T_FMT_BUF;
464     1063   2          EDT$$A_FMT_WRRUT = EDT$$TI_WRLN;
465     1064   2          EDT$$CLR_CC ();
466     1065   2    !+
467     1066   2    ! Open the input file.
468     1067   2    !-
469     1068   2          BEGIN
470     1069   2
471     1070   3          LOCAL
472     1071   3              RHB_LEN,
473     1072   3              RHB_ADDR;
474     1073   3
475     1074   3          RHB_LEN = 0;
476     1075   3          RHB_ADDR = 0;
477     1076   3          STRING_DESC (RHB_DESC, RHB_LEN, RHB_ADDR);
478     1077   3          STRING_DESC (FILE_DESC, EDT$$G_INP_NAMLEN, .EDT$$A_INP_NAM);
479     1078   3          IO_STS = EDT$$CALLFIO (EDT$K_OPEN_INPUT, EDT$K_INPUT_FILE, FILE_DESC, RHB_DESC);
480     1079   3
481     1080   4          IF (( NOT .IO_STS) AND (.IO_STS NEQ EDT$_NONSTDFIL))
482     1081   3          THEN
483     1082   4              BEGIN
484     1083   4
485     1084   4              IF .EDT$$G_IOFI_NFND
486     1085   4              THEN
487     1086   5                  BEGIN
488     1087   5                  RETURN_VALUE = 0;
489     1088   5
490     1089   5                  IF ((.EDT$$V_OPTIONS AND EDT$M_NOCREATE) NEQ 0) THEN RETURN (0);
491     1090   5
492     1091   5                  END
493     1092   4              ELSE
494     1093   5                  BEGIN
495     1094   5                  EDT$$FIOPN_ERR (EDT$_INPFILOPN, FILE_DESC);
496     1095   5                  RETURN_VALUE = 3;
497     1096   4                  END;
498     1097   4
```

```
 499    1098   4                   END
 500    1099   3               ELSE
 501    1100   4                   BEGIN
 502    1101   4                   EDT$$G_INPUT_OPN = 1;                          ! indicate input file open
 503    1102   4
 504    1103   4                   IF (.IO_STS EQL EDT$_NONSTDFIL) THEN RETURN_VALUE = 2;
 505    1104   4
 506    1105   3                   END;
 507    1106   3
 508    1107   2               END;
 509    1108   2   !
 510    1109   2           CH$MOVE (4, UPLIT BYTE(3, 13, 10, '*'), EDT$$T_PMT_LINE);
 511    1110   2           CH$MOVE (1, UPLIT BYTE(0), EDT$$T_PMT_KPD);
 512    1111   2           CH$MOVE (1, UPLIT BYTE(0), EDT$$T_PMT_NOKPD);
 513    1112   2           CH$MOVE (5, UPLIT BYTE(4, 13, 10, 'C', '*'), EDT$$T_PMT_HCCHG);
 514    1113   2           CH$MOVE (15, UPLIT BYTE(14, 13, 10, '         '), EDT$$T_PMT_INS);
 515    1114   2           CH$MOVE (3, UPLIT BYTE(2, 13, 10), EDT$$T_PMT_INSN);
 516    1115   2           CH$MOVE (4, UPLIT BYTE(3, 13, 10, '?'), EDT$$T_PMT_QUERY);
 517    1116   2   !+
 518    1117   2   ! Allocate some VM for the string such as page and end text and entity specifications
 519    1118   2   !-
 520    1119   2           LEN = 6;
 521    1120   2
 522    1121   2           IF EDT$$ALO_HEAP (LEN, EDT$$A_US_TXT [0])    ! end text
 523    1122   2           THEN
 524    1123   2               CH$MOVE (.LEN, UPLIT BYTE(5, '[EOB]'), .EDT$$A_US_TXT [0])
 525    1124   2           ELSE
 526    1125   3               BEGIN
 527    1126   3               EDT$$FMT_MSG (EDT$_INSMEM);
 528    1127   3               RETURN (3);
 529    1128   2               END;
 530    1129   2
 531    1130   2           LEN = 5;
 532    1131   2
 533    1132   2           IF EDT$$ALO_HEAP (LEN, EDT$$A_US_TXT [1])    ! page text
 534    1133   2           THEN
 535    1134   2               CH$MOVE (.LEN, UPLIT BYTE(4, '<FF>'), .EDT$$A_US_TXT [1])
 536    1135   2           ELSE
 537    1136   3               BEGIN
 538    1137   3               EDT$$FMT_MSG (EDT$_INSMEM);
 539    1138   3               RETURN (3);
 540    1139   2               END;
 541    1140   2
 542    1141   2           LEN = 7;
 543    1142   2
 544    1143   2           IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [0])    ! word entity
 545    1144   2           THEN
 546    1145   2               CH$MOVE (.LEN, UPLIT BYTE(6, ' ', 9, 10, 11, 12, 13), .EDT$$A_US_ENT [0])
 547    1146   2           ELSE
 548    1147   3               BEGIN
 549    1148   3               EDT$$FMT_MSG (EDT$_INSMEM);
 550    1149   3               RETURN (3);
 551    1150   2               END;
 552    1151   2
 553    1152   2           LEN = 4;
 554    1153   2
 555    1154   2           IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [1])    ! sent entity
```

EDT$INIT
V04-000

EDT$INIT - initialize
EDT$$INIT - Initialize EDT

B 10
16-Sep-1984 00:32:49   VAX-11 Bliss-32 V4.0-742   Page 11
14-Sep-1984 12:23:18   DISK$VMSMASTER:[EDT.SRC]INIT.BLI;1   (3)

```
  556    1155   2        THEN
  557    1156   2            CH$MOVE (4, UPLIT BYTE(3, '.', '!', '?'), .EDT$$A_US_ENT [1])
  558    1157   2        ELSE
  559    1158   2            BEGIN
  560    1159   3            EDT$$FMT_MSG (EDT$_INSMEM);
  561    1160   3            RETURN (3);
  562    1161   2            END;
  563    1162
  564    1163   2        LEN = 3;
  565    1164
  566    1165   2        IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [2])    ! sect entity
  567    1166   2        THEN
  568    1167   2            CH$MOVE (3, UPLIT BYTE(2, 13, 13), .EDT$$A_US_ENT [2])
  569    1168   2        ELSE
  570    1169   3            BEGIN
  571    1170   3            EDT$$FMT_MSG (EDT$_INSMEM);
  572    1171   3            RETURN (3);
  573    1172   2            END;
  574    1173
  575    1174   2        LEN = 2;
  576    1175
  577    1176   2        IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [3])    ! page entity
  578    1177   2        THEN
  579    1178   2            CH$MOVE (2, UPLIT BYTE(1, 12), .EDT$$A_US_ENT [3])
  580    1179   2        ELSE
  581    1180   3            BEGIN
  582    1181   3            EDT$$FMT_MSG (EDT$_INSMEM);
  583    1182   3            RETURN (3);
  584    1183   2            END;
  585    1184
  586    1185   2    !+
  587    1186   2    ! Save the terminal width gotten from the operating system
  588    1187   2    !-
  589    1188   2        EDT$$G_SAV_TIWID = .EDT$$G_TI_WID;
  590    1189   2    !+
  591    1190   2    ! Open the workfile.  If it fails, abort.
  592    1191   2    !-
  593    1192   2        EDT$$CALLWIO (EDT$K_OPEN_IN_OUT, 0, 0);
  594    1193   2    !+
  595    1194   2    ! Open the paste text buffer.
  596    1195   2    !-
  597    1196   2
  598    1197   3        IF ( NOT EDT$$FND_BUF (UPLIT BYTE('PASTE'), 5))
  599    1198   3        THEN
  600    1199   3            BEGIN
  601    1200   3            EDT$$FMT_MSG (EDT$_INSMEM);
  602    1201   3            RETURN (3);
  603    1202   3            END;
  604    1203
  605    1204   2        EDT$$A_PST_BUF = .EDT$$A_CUR_BUF;
  606    1205   2    !+
  607    1206   2    ! And the MAIN text buffer.
  608    1207   2    !-
  609    1208   2
  610    1209   3        IF ( NOT EDT$$GET_BUFPTR (UPLIT BYTE('MAIN'), 4, EDT$$A_CUR_BUF, NEW))
  611    1210   3        THEN
  612    1211   3            BEGIN
```

```
 613     1212   3              EDT$$FMT_MSG (EDT$_INSMEM);
 614     1213   3              RETURN (3);
 615     1214   2              END;
 616     1215
 617     1216   2          EDT$$A_PRV_BUF = .EDT$$A_CUR_BUF;
 618     1217
 619     1218   2          IF .EDT$$G_INPUT_OPN THEN EDT$$A_CUR_BUF [TBCB_INPUT_RAB] = 1;
 620     1219
 621     1220   2          EDT$$NEW_BUF ();
 622     1221        !+
 623     1222   2      ! If no output file has been specified, defer the 'non standard' message
 624     1223   2      ! until the first WRITE or EXIT command.
 625     1224        !-
 626     1225
 627     1226   2          IF ((.RETURN_VALUE EQL 2) AND ((.EDT$$V_OPTIONS AND EDT$M_NOOUTPUT) NEQ 0))
 628     1227          THEN
 629     1228   3              BEGIN
 630     1229   3              RETURN_VALUE = 1;
 631     1230   3              EDT$$G_WRITE_MSG = EDT$_NONSTDFIL;
 632     1231   3              END
 633     1232          ELSE
 634     1233   3              BEGIN
 635     1234   3              EDT$$G_WRITE_MSG = 1;
 636     1235   3              END;
 637     1236
 638     1237   2      !+
 639     1238   2      ! On VMS deallocate the dynamic descriptors
 640     1239        !-
 641     1240
 642   L 1241   2      %IF %BLISS (BLISS32)
 643     1242   2      %THEN
 644     1243   2          STR$FREE1_DX (FILE_DESC);
 645     1244   2          STR$FREE1_DX (RHB_DESC);
 646     1245   2      %FI
 647     1246
 648     1247   2          RETURN (.RETURN_VALUE);
 649     1248   1          END;                             ! of routine EDT$$INIT


                                     .TITLE   EDT$INIT EDT$INIT - initialize
                                     .IDENT   \V04-000\

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

                        0A  0D  03  00000 P.AAA:  .BYTE   3, 13, 10
                                2A  00003         .ASCII  \*\
                                00  00004 P.AAB:  .BYTE   0
                                00  00005 P.AAC:  .BYTE   0
                        0A  0D  04  00006 P.AAD:  .BYTE   4, 13, 10
                                43  00009         .ASCII  \C\
                                2A  0000A         .ASCII  \*\
                        0A  0D  0E  0000B P.AAE:  .BYTE   14, 13, 10
 20 20 20 20 20 20 20 20 20 20 20 20 0000E         .ASCII  \                   \
                        0A  0D  02  0001A P.AAF:  .BYTE   2, 13, 10
                        0A  0D  03  0001D P.AAG:  .BYTE   3, 13, 10
                                3F  00020         .ASCII  \?\
                                05  00021 P.AAH:  .BYTE   5
```

```
             5D  42  4F  45  5B  00022              .ASCII   \[EOB]\
                             04  00027 P.AAI:       .BYTE    4
                 3E  46  46  3C  00028              .ASCII   \<FF>\
                             06  0002C P.AAJ:       .BYTE    6
                             20  0002D              .ASCII   \ \
             0D  0C  0B  0A  09  0002E              .BYTE    9, 10, 11, 12, 13
                             03  00033 P.AAK:       .BYTE    3
                             2E  00034              .ASCII   \.\
                             21  00035              .ASCII   \!\
                             3F  00036              .ASCII   \?\
                     0D  0D  02  00037 P.AAL:       .BYTE    2, 13, 13
                         0C  01  0003A P.AAM:       .BYTE    1, 12
             45  54  53  41  50  0003C P.AAN:       .ASCII   \PASTE\
                 4E  49  41  4D  00041 P.AAO:       .ASCII   \MAIN\

                                                    .EXTRN   EDT$$CALLWIO, EDT$$CALLFIO
                                                    .EXTRN   EDT$$FMT_MSG, EDT$$FATAL_IOERR
                                                    .EXTRN   EDT$$TI_OPN, EDT$$ALO_HEAP
                                                    .EXTRN   EDT$$GET_BUFPTR
                                                    .EXTRN   EDT$$FND_BUF, EDT$$NEW_BUF
                                                    .EXTRN   EDT$$CLR_CC, EDT$$FIOPN_ERR
                                                    .EXTRN   EDT$$INIT_IO, EDT$M_RECOVER
                                                    .EXTRN   EDT$M_NOOUTPUT, EDT$M_NOCREATE
                                                    .EXTRN   EDT$K_OPEN_IN_OUT
                                                    .EXTRN   EDT$K_OPEN_INPUT
                                                    .EXTRN   EDT$K_INPUT_FILE
                                                    .EXTRN   STR$FREE1_DX, EDT$$G_TOP_SCREG
                                                    .EXTRN   EDT$$G_BOT_SCREG
                                                    .EXTRN   EDT$$L_LNO_EMPTY
                                                    .EXTRN   EDT$$L_TOP_LN, EDT$$A_EOB_SCRPTR
                                                    .EXTRN   EDT$$A_FST_SCRPTR
                                                    .EXTRN   EDT$$G_LASTMSG, EDT$$G_INPUT_OPN
                                                    .EXTRN   EDT$$G_CMD_OPN, EDT$$A_CUR_BUF
                                                    .EXTRN   EDT$$A_INP_NAM, EDT$$G_HELP_SET
                                                    .EXTRN   EDT$$G_INP_NAMLEN
                                                    .EXTRN   EDT$$A_PRV_BUF, EDT$$A_PST_BUF
                                                    .EXTRN   EDT$$G_EDIT_MOD
                                                    .EXTRN   EDT$$A_SEL_BUF, EDT$$A_OLD_SEL
                                                    .EXTRN   EDT$$G_EDIT_DFLTMOD
                                                    .EXTRN   EDT$$G_SAV_CNT, EDT$$G_EXITD
                                                    .EXTRN   EDT$$A_OUT_NAM, EDT$$G_PRV_LN
                                                    .EXTRN   EDT$$A_TIN_IBUFPTR
                                                    .EXTRN   EDT$$G_OUT_NAMLEN
                                                    .EXTRN   EDT$$A_CMD_NAM, EDT$$G_NOS
                                                    .EXTRN   EDT$$G_CAS_FLG, EDT$$G_EXCT_MATCH
                                                    .EXTRN   EDT$$G_SEA_BEG, EDT$$G_SEA_BNDD
                                                    .EXTRN   EDT$$G_QUIET, EDT$$G_RPT
                                                    .EXTRN   EDT$$G_FNF_MSGFLG
                                                    .EXTRN   EDT$$G_VFY, EDT$$G_TRUN
                                                    .EXTRN   EDT$$G_TI_WID, EDT$$G_SAV_TIWID
                                                    .EXTRN   EDT$$A_BUF_LST, EDT$$G_KPAD
                                                    .EXTRN   EDT$$G_WD_WRAP, EDT$$G_SCLL_TOP
                                                    .EXTRN   EDT$$G_SCLL_BOT
                                                    .EXTRN   EDT$$G_SCR_LNS, EDT$$G_CS_LNO
                                                    .EXTRN   EDT$$G_SCR_REBUILD
                                                    .EXTRN   EDT$$G_RECS_INSERTED
                                                    .EXTRN   EDT$$A_US_ENT, EDT$$A_US_TXT
```

```
                                                          .EXTRN    EDT$$G_TXT_ONSCR
                                                          .EXTRN    EDT$$G_INP_CNT, EDT$$G_RCOV_MOD
                                                          .EXTRN    EDT$$G_SHF, EDT$$G_TAB_SIZ
                                                          .EXTRN    EDT$$G_TAB_LVL, EDT$$G_LN_CHGD
                                                          .EXTRN    EDT$$G_MSGFLG, EDT$$G_DIR_MOD
                                                          .EXTRN    EDT$$A_SEL_POS, EDT$$G_DFLT_VERB
                                                          .EXTRN    EDT$$G_SUMRY, EDT$$G_WRDTYP
                                                          .EXTRN    EDT$$G_PARTYP, EDT$$G_TRN_TBLINIT
                                                          .EXTRN    EDT$$G_K_AUTRPT
                                                          .EXTRN    EDT$$G_RDAHED, EDT$$G_WK_AVAIL
                                                          .EXTRN    EDT$$G_WK_CURBUK
                                                          .EXTRN    EDT$$G_WK_GRTSTBUK
                                                          .EXTRN    EDT$$G_WK_MODFD
                                                          .EXTRN    EDT$$A_FMT_CUR, EDT$$G_FMT_LNPOS
                                                          .EXTRN    EDT$$A_FMT_WRRUT
                                                          .EXTRN    EDT$$G_PA_ABO, EDT$$A_PA_CURTOK
                                                          .EXTRN    EDT$$G_PA_NOQUO
                                                          .EXTRN    EDT$$G_TIN_OBUFPOS
                                                          .EXTRN    EDT$$G_SEA_STRLEN
                                                          .EXTRN    EDT$$G_SUB_STRLEN
                                                          .EXTRN    EDT$$T_PMT_LINE
                                                          .EXTRN    EDT$$T_PMT_KPD, EDT$$T_PMT_NOKPD
                                                          .EXTRN    EDT$$T_PMT_HCCHG
                                                          .EXTRN    EDT$$T_PMT_INS, EDT$$T_PMT_INSN
                                                          .EXTRN    EDT$$T_PMT_QUERY
                                                          .EXTRN    EDT$$T_FMT_BUF, EDT$$TI_WRLN
                                                          .EXTRN    EDT$$T_CMD_BUF, EDT$$G_IOFI_NFND
                                                          .EXTRN    EDT$$Z_WF_DESC, EDT$$V_OPTIONS
                                                          .EXTRN    EDT$$G_JOO_VALID
                                                          .EXTRN    EDT$$A_TRN_TBL, EDT$$G_RECSCRUPD
                                                          .EXTRN    EDT$$G_WRITE_MSG
                                                          .EXTRN    EDT$_INSMEM, EDT$_INPFILOPN
                                                          .EXTRN    EDT$_NONSTDFIL, STR$COPY_R

                                          OFFC 00000      .ENTRY    EDT$$INIT, Save R2,R3,R4,R5,R6,R7,R8,R9,-   : 0758
                                                                    R10,R11
                         5B 00000000G 00  9E 00002        MOVAB     EDT$$V_OPTIONS, R11
                         5A 00000000G 00  9E 00009        MOVAB     EDT$$A_US_TXT, R10
                         59 00000000G 00  9E 00010        MOVAB     EDT$$A_LO_REAP, R9
                         58       A1 AF  9E 00017          MOVAB     P.AAA, R8
                         57 00000000G 00  9E 0001B        MOVAB     EDT$$A_US_ENT, R7
                         5E       20 C2  00022            SUBL2     #32, SP
                         56       01 D0  00025            MOVL      #1, RETURN_VALUE                            : 0943
       00000000G 00 010E0200 8F D0 00028                 MOVL      #17695232, EDT$$Z_WF_DESC                    : 0960
              18 AE 020E0000 8F D0 00033                 MOVL      #34471936, FILE_DESC                         : 0962
              10 AE 020E0000 8F D0 0003B                 MOVL      #34471936, RHB_DESC                          : 0964
                   00000000G 00 D4 00043                 CLRL      EDT$$Z_WF_DESC+4                             : 0959
                         1C AE D4 00049                 CLRL      FILE_DESC+4                                   : 0961
                         14 AE D4 0004C                 CLRL      RHB_DESC+4                                     : 0963
   00000000G 00 00000000G 00  06 28 0004F              MOVC3     #6, EDT$$L_LNO_EMPTY, EDT$$L_TOP_LN           : 0968
                   00000000G 00 D4 0005B                 CLRL      EDT$$A_FST_SCRPTR                            : 0969
                   00000000G 00 D4 00061                 CLRL      EDT$$A_EOB_SCRPTR                            : 0970
                         01 D0 00067                 MOVL      #1, EDT$$G_LASTMSG                                : 0971
                   00000000G 00 D4 0006E                 CLRL      EDT$$A_SEL_BUF                               : 0972
                   00000000G 00 D4 00074                 CLRL      EDT$$A_OLD_SEL                               : 0973
                         50 D4 0007A                 CLRL      R0                                               : 0974
       00000000G 8F  6B D3 0007C                 BITL      EDT$$V_OPTIONS, #EDT$M_RECOVER
```

EDTSINIT
V04-000

EDTSINIT - initialize
EDTSSINIT - Initialize EDT

F 10
16-Sep-1984 00:32:49   VAX-11 Bliss-32 V4.0-742   Page 15
14-Sep-1984 12:23:18   DISK$VMSMASTER:[EDT.SRC]INIT.BLI;1   (3)

```
                                        02 13 00083          BEQL    1$
                                        50 D6 00085          INCL    R0
00000000G 00                            50 D0 00087  1$:     MOVL    R0, EDT$$G_RCOV_MOD
                    00000000G 00        D4 0008E            CLRL    EDT$$G_RECSCRUPD                    0975
00000000G 00                            01 D0 00094          MOVL    #1, EDT$$G_EDIT_MOD                 0976
                    00000000G 00        D4 0009B            CLRL    EDT$$G_CMD_OPN                      0977
00000000G 00                            01 D0 000A1          MOVL    #1, EDT$$G_EDIT_DFLTMOD             0978
00000000G 00                            03 D0 000A8          MOVL    #3, EDT$$G_SAV_CNT                  0979
                    00000000G 00        D4 000AF            CLRL    EDT$$G_HELP_SET                    0980
                    00000000G 00        D4 000B5            CLRL    EDT$$G_EXITD                       0981
00000000G 00                            01 D0 000BB          MOVL    #1, EDT$$G_NOS                      0982
                    00000000G 00        D4 000C2            CLRL    EDT$$G_CAS_FLG                     0983
                    00000000G 00        D4 000C8            CLRL    EDT$$G_EXCT_MATCH                  0984
00000000G 00                            01 D0 000CE          MOVL    #1, EDT$$G_SEA_BEG                  0985
                    00000000G 00        D4 000D5            CLRL    EDT$$G_SEA_BNDD                    0986
                    00000000G 00        D4 000DB            CLRL    EDT$$G_QUIET                      0987
00000000G 00                            01 D0 000E1          MOVL    #1, EDT$$G_RPT                      0988
                    00000000G 00        D4 000E8            CLRL    EDT$$G_VFY                         0989
00000000G 00                            01 D0 000EE          MOVL    #1, EDT$$G_TRUN                     0990
00000000G 00                     50 8F 9A 000F5          MOVZBL  #80, EDT$$G_TI_WID                  0991
                    00000000G 00        D4 000FD            CLRL    EDT$$A_BUF_LST                    0992
00000000G 00                            01 D0 00103          MOVL    #1, EDT$$G_KPAD                     0993
00000000G 00                   0100 8F 3C 0010A          MOVZWL  #256, EDT$$G_WD_WRAP                0994
00000000G 00                            07 D0 00113          MOVL    #7, EDT$$G_SCLL_TOP                 0995
00000000G 00                            0E D0 0011A          MOVL    #14, EDT$$G_SCLL_BOT               0996
00000000G 00                            16 D0 00121          MOVL    #22, EDT$$G_SCR_LNS                0997
00000000G 00                       63 8F 9A 00128          MOVZBL  #99, EDT$$G_TOP_SCREG              1002
00000000G 00                       63 8F 9A 00130          MOVZBL  #99, EDT$$G_BOT_SCREG              1003
                    00000000G 00        D4 00138            CLRL    EDT$$G_RECS_INSERTED              1004
00000000G 00                            01 D0 0013E          MOVL    #1, EDT$$G_SCR_REBUILD             1005
00000000G 00                            01 CE 00145          MNEGL   #1, EDT$$G_CS_LNO                  1006
                    00000000G 00        D4 0014C            CLRL    EDT$$G_TXT_ONSCR                  1007
                    00000000G 00        D4 00152            CLRL    EDT$$G_INP_CNT                    1008
                    00000000G 00        D4 00158            CLRL    EDT$$G_SHF                        1009
                    00000000G 00        D4 0015E            CLRL    EDT$$G_TAB_LVL                    1010
                    00000000G 00        D4 00164            CLRL    EDT$$G_TAB_SIZ                    1011
                    00000000G 00        D4 0016A            CLRL    EDT$$G_LN_CHGD                    1012
                    00000000G 00        D4 00170            CLRL    EDT$$G_MSGFLG                     1013
00000000G 00                            01 D0 00176          MOVL    #1, EDT$$G_DIR_MOD                 1014
00000000G 00                   03E7 8F 3C 0017D          MOVZWL  #999, EDT$$G_PRV_LN                 1015
00000000G 00                            01 CE 00186          MNEGL   #1, EDT$$A_SEL_POS                 1016
                    00000000G 00        D4 0018D            CLRL    EDT$$G_DFLT_VERB                  1020
00000000G 00                            01 D0 00193          MOVL    #1, EDT$$G_SUMRY                   1021
                    00000000G 00        D4 0019A            CLRL    EDT$$G_WRDTYP                     1022
00000000G 00                            01 D0 001A0          MOVL    #1, EDT$$G_PARTYP                  1023
                    00000000G 00        D4 001A7            CLRL    EDT$$G_TRN_TBLINIT                1026
00000000G 00                            01 D0 001AD          MOVL    #1, EDT$$G_K_AUTRPT                1027
                    00000000G 00        D4 001B4            CLRL    EDT$$G_RDARED                     1028
                    00000000G 00        D4 001BA            CLRL    EDT$$G_WK_AVAIL                   1029
                    00000000G 00        D4 001C0            CLRL    EDT$$G_WK_CURBUK                  1030
00000000G 00                            01 D0 001C6          MOVL    #1, EDT$$G_WK_GRTSTBUK             1031
                    00000000G 00        D4 001CD            CLRL    EDT$$G_WK_MODFD                   1032
                    00000000G 00        D4 001D3            CLRL    EDT$$G_FMT_LNPOS                  1033
                    00000000G 00        D4 001D9            CLRL    EDT$$G_PA_ABO                     1034
00000000G 00 00000000G 00               9E 001DF          MOVAB   EDT$$T_CMD_BUF, EDT$$A_PA_CURTOK   1035
                    00000000G 00        D4 001EA            CLRL    EDT$$G_PA_NOQUO                   1036
                    00000000G 00        D4 001F0            CLRL    EDT$$G_TIN_OBUFPOS                1037
```

```
                       00000000G    00  D4  001F6          CLRL     EDT$$A_TIN_IBUFPTR                          ; 1038
                       00000000G    00  D4  001FC          CLRL     EDT$$G_SEA_STRLEN                           : 1039
                       00000000G    00  D4  00202          CLRL     EDT$$G_SUB_STRLEN                           : 1040
                       00000000G    00  D4  00208          CLRL     EDT$$G_JOU_VALID                           : 1041
                                    50  D4  0020E          CLRL     I                                          : 1046
                       00000000G0040 D4  00210  2$:        CLRL     EDT$$A_TRN_TBL[I]                          : 1047
               F1      000000C6  8F  F3  00217             AOBLEQ   #198, I, 2$
                       00000000G 50  00  FB  0021F         CALLS    #0, EDT$$INIT_IO                           : 1052
                       00000000G 00  00  FB  00226         CALLS    #0, EDT$$TI_OPN                            : 1056
                       00000000G 00  D4  0022D             CLRL     EDT$$G_INPUT_OPN                           : 1060
                       00000000G 00  01  D0  00233         MOVL     #1, EDT$$G_FNF_MSGFLG                      : 1061
                       00000000G 00  00000000G 00  9E  0023A  MOVAB  EDT$$T_FMT_BUF, EDT$$A_FMT_CUR           : 1062
                       00000000G 00  00000000G 00  9E  00245  MOVAB  EDT$$TI_WRLN, EDT$$A_FMT_WRRUT           : 1063
                       00000000G 00  00  FB  00250         CALLS    #0, EDT$$CLR_CC                            : 1064
                                    6E  7C  00257          CLRQ     RHB_ADDR                                   : 1075
                                    5E  DD  00259          PUSHL    SP                                         : 1076
                                08  AE  9F  0025B          PUSHAB   RHB_LEN
                                18  AE  9F  0025E          PUSHAB   RHB_DESC
                       00000000G 00  03  FB  00261         CALLS    #3, STR$COPY_R
                       00000000G 00  DD  00268            PUSHL    EDT$$A_INP_NAM                             : 1077
                       00000000G 00  9F  0026E            PUSHAB   EDT$$G_INP_NAMLEN
                                20  AE  9F  00274          PUSHAB   FILE_DESC
                       00000000G 00  03  FB  00277         CALLS    #3, STR$COPY_R                            : 1078
                                10  AE  9F  0027E          PUSHAB   RHB_DESC
                                1C  AE  9F  00281          PUSHAB   FILE_DESC
                       00000000G 8F  DD  00284            PUSHL    #EDT$K_INPUT_FILE
                       00000000G 8F  DD  0028A            PUSHL    #EDT$K_OPEN_INPUT
                       00000000G 00  04  FB  00290         CALLS    #4, EDT$$CALLFIO
                                33  50  E8  00297          BLBS     IO_STS, 4$                                 : 1080
                       00000000G 8F  50  D1  0029A         CMPL     IO_STS, #EDT$_NONSTDFIL
                                2A  13  0029A             BEQL     4$
                                OE  00000000G 00  E9  002A3  BLBC  EDT$$G_IOFI_NFND, 3$                       : 1084
                                56  D4  002AA             CLRL     RETURN_VALUE                               : 1087
                       00000000G 8F  6B  D3  002AC         BITL     EDT$$V_OPTIONS, #EDT$M_NOCREATE           : 1089
                                2B  13  002B3             BEQL     5$
                                01B1  31  002B5            BRW      13$
                                18  AE  9F  002B8  3$:     PUSHAB   FILE_DESC                                  : 1094
                       00000000G 8F  DD  002BB            PUSHL    #EDT$_INPFILOPN
                       00000000G 00  02  FB  002C1         CALLS    #2, EDT$$FIOPN_ERR
                                56  03  D0  002C8          MOVL     #3, RETURN_VALUE                           : 1095
                                13  11  002CB             BRB      5$                                         : 1080
                       00000000G 00  01  D0  002CD  4$:    MOVL     #1, EDT$$G_INPUT_OPN                       : 1101
                       00000000G 8F  50  D1  002D4         CMPL     IO_STS, #EDT$_NONSTDFIL                   : 1103
                                03  12  002DB             BNEQ     5$
                                56  02  D0  002DD          MOVL     #2, RETURN_VALUE
                       00000000G 00  68  D0  002E0  5$:    MOVL     P.AAA, EDT$$T_PMT_LINE                     : 1109
                       00000000G 00  04  A8  90  002E7     MOVB     P.AAB, EDT$$T_PMT_KPD                      : 1110
                       00000000G 00  05  A8  90  002EF     MOVB     P.AAC, EDT$$T_PMT_NOKPD                    : 1111
                       00000000G 00  06  A8  05  28  002F7  MOVC3   #5, P.AAD, EDT$$T_PMT_HCCHG               : 1112
                       00000000G 00  0B  A8  0F  28  00300  MOVC3   #15, P.AAE, EDT$$T_PMT_INS                : 1113
             00000000G 00  18  00  1A  A8  F0  00309        INSV    P.AAF, #0, #24, EDT$$T_PMT_INSN           : 1114
                       00000000G 00  1D  A8  D0  00313      MOVL    P.AAG, EDT$$T_PMT_QUERY                   : 1115
                                08  AE  06  D0  0031B       MOVL    #6, LEN                                   : 1119
                                5A  DD  0031F             PUSHL    R10                                        : 1121
                                0C  AE  9F  00321          PUSHAB   LEN
                                69  02  FB  00324          CALLS    #2, EDT$$ALO_HEAP
                                7A  50  E9  00327          BLBC     R0, 6$
```

```
                             50        6A  D0 0032A            MOVL    EDT$$A_US_TXT, R0                              ; 1123
             60       21  A8  08    AE  28 0032D            MOVC3   LEN, P.AAH, (R0)
                      08  AE        05  D0 00333            MOVL    #5, LEN                                         ; 1130
                              04    AA  9F 00337            PUSHAB  EDT$$A_US_TXT+4                                  ; 1132
                              0C    AE  9F 0033A            PUSHAB  LEN
                             69     02  FB 0033D            CALLS   #2, EDT$$ALO_HEAP
                             61     50  E9 00340            BLBC    R0, 6$
                             50     04  AA  D0 00343            MOVL    EDT$$A_US_TXT+4, R0                              ; 1134
             60       27  A8  08    AE  28 00347            MOVC3   LEN, P.AAI, (R0)
                      08  AE        07  D0 0034D            MOVL    #7, LEN                                         ; 1141
                             57     DD 00351            PUSHL   R7                                              ; 1143
                              0C    AE  9F 00353            PUSHAB  LEN
                             69     02  FB 00356            CALLS   #2, EDT$$ALO_HEAP
                             79     50  E9 00359            BLBC    R0, 7$
                             50     67  D0 0035C            MOVL    EDT$$A_US_ENT, R0                               ; 1145
             60       2C  A8  08    AE  28 0035F            MOVC3   LEN, P.AAJ, (R0)
                      08  AE        04  D0 00365            MOVL    #4, LEN                                         ; 1152
                              04    A7  9F 00369            PUSHAB  EDT$$A_US_ENT+4                                  ; 1154
                              0C    AE  9F 0036C            PUSHAB  LEN
                             69     02  FB 0036F            CALLS   #2, EDT$$ALO_HEAP
                             60     50  E9 00372            BLBC    R0, 7$
                             50     04  A7  D0 00375            MOVL    EDT$$A_US_ENT+4, R0                              ; 1156
                             60     33  A8  D0 00379            MOVL    P.AAK, (R0)
                      08  AE        03  D0 0037D            MOVL    #3, LEN                                         ; 1163
                              08    A7  9F 00381            PUSHAB  EDT$$A_US_ENT+8                                  ; 1165
                              0C    AE  9F 00384            PUSHAB  LEN
                             69     02  FB 00387            CALLS   #2, EDT$$ALO_HEAP
                             6E     50  E9 0038A            BLBC    R0, 8$
                             50     08  A7  D0 0038D            MOVL    EDT$$A_US_ENT+8, R0                              ; 1167
       60    18        08  00  37  A8  F0 00391            INSV    P.AAL, #0, #24, (R0)
                      08  AE        02  D0 00397            MOVL    #2, LEN                                         ; 1174
                              0C    A7  9F 0039B            PUSHAB  EDT$$A_US_ENT+12                                 ; 1176
                              0C    AE  9F 0039E            PUSHAB  LEN
                             69     02  FB 003A1            CALLS   #2, EDT$$ALO_HEAP
                             54     50  E9 003A4  6$:        BLBC    R0, 8$
                             50     0C  A7  D0 003A7            MOVL    EDT$$A_US_ENT+12, R0                             ; 1178
                             60     3A  A8  B0 003AB            MOVW    P.AAM, (R0)
           00000000G  00  00000000G  00  D0 003AF            MOVL    EDT$$G_TI_WID, EDT$$G_SAV_TIWID                 ; 1188
                             7E     7C 003BA            CLRQ    -(SP)                                           ; 1192
                          00000000G  8F  DD 003BC            PUSHL   #EDT$K_OPEN_IN_OUT
           00000000G  00        03  FB 003C2            CALLS   #3, EDT$$CALLWIO
                             05     DD 003C9            PUSHL   #5                                              ; 1197
                              3C    A8  9F 003CB            PUSHAB  P.AAN
           00000000G  00        02  FB 003CE            CALLS   #2, EDT$$FND_BUF
                             23     50  E9 003D5  7$:        BLBC    R0, 8$
           00000000G  00  00000000G  00  D0 003D8            MOVL    EDT$$A_CUR_BUF, EDT$$A_PST_BUF                  ; 1204
                              0C    AE  9F 003E3            PUSHAB  NEW                                            ; 1209
                          00000000G  00  9F 003E6            PUSHAB  EDT$$A_CUR_BUF
                             04     DD 003EC            PUSHL   #4
                              41    A8  9F 003EE            PUSHAB  P.AAO
           00000000G  00        04  FB 003F1            CALLS   #4, EDT$$GET_BUFPTR
                             11     50  E8 003F8            BLBS    R0, 9$
                          00000000G  8F  DD 003FB  8$:        PUSHL   #EDT$_INSMEM                                   ; 1212
           00000000G  00        01  FB 00401            CALLS   #1, EDT$$FMT_MSG
                             50     03  D0 00408            MOVL    #3, R0                                          ; 1213
                             04 0040B            RET
                       50  00000000G  00  D0 0040C  9$:        MOVL    EDT$$A_CUR_BUF, R0                               ; 1216
```

```
                    00000000G  00              50  D0 00413        MOVL    R0, EDT$$A_PRV_BUF
                               04 00000000G    00  E9 0041A        BLBC    EDT$$G_INPUT_OPN, 10$              ; 1218
                          2A   A0              01  90 00421        MOVB    #1, 42(R0)
                    00000000G  00              00  FB 00425 10$:   CALLS   #0, EDT$$NEW_BUF                   ; 1220
                               02              56  D1 0042C        CMPL    RETURN_VALUE, #2                  ; 1226
                               19              12 0042F           BNEQ    11$
                    00000000G  8F              6B  D3 00431        BITL    EDT$$V_OPTIONS, #EDT$M_NOOUTPUT
                               10              13 00438           BEQL    11$
                               56              01  D0 0043A        MOVL    #1, RETURN_VALUE                  ; 1229
                    00000000G  00 00000000G    8F  D0 0043D        MOVL    #EDT$_NONSTDFIL, EDT$$G_WRITE_MSG ; 1230
                               07              11 00448           BRB     12$                               ; 1226
                    00000000G  00              01  D0 0044A 11$:   MOVL    #1, EDT$$G_WRITE_MSG              ; 1234
                                          18   AE  9F 00451 12$:   PUSHAB  FILE_DESC                         ; 1243
                    00000000G  00              01  FB 00454        CALLS   #1, STR$FREE1_DX
                                          10   AE  9F 0045B        PUSHAB  RHB_DESC                          ; 1244
                    00000000G  00              01  FB 0045E        CALLS   #1, STR$FREE1_DX
                               50              56  D0 00465        MOVL    RETURN_VALUE, R0                  ; 1247
                                              04 00468           RET
                               50              D4 00469 13$:      CLRL    R0                                ; 1248
                                              04 0046B           RET

; Routine Size: 1132 bytes,    Routine Base: _EDT$CODE + 0045


;  650              1249 1
;  651              1250 1 !<BLF/PAGE>
```

```
; 653          1251  1 END                           ! of module EDT$INIT
; 654          1252  1
; 655          1253  0 ELUDOM
```

;
;
;   PSECT SUMMARY
;
;   Name   Bytes   Attributes
;
;   _EDT$CODE   1201 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

;   Library Statistics
;
;   -------- Symbols --------   Pages   Processing
;   File   Total   Loaded   Percent   Mapped   Time
;
;   _255DUA28:[EDT.SRC]EDT.L32;1   377   33   8   40   00:00.2
;   _255DUA28:[EDT.SRC]PSECTS.L32;1   2   1   50   7   00:00.1
;   _255DUA28:[SYSLIB]STARLET.L32;1   9776   7   0   581   00:04.0
;   _255DUA28:[EDT.SRC]SUPPORTS.L32;1   2   1   50   5   00:00.1
;   _255DUA28:[EDT.SRC]KEYPADDEF.L32;1   34   1   2   7   00:00.2

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

; Size: 1132 code + 69 data bytes
; Run Time: 01:21.2
; Elapsed Time: 01:38.6
; Lines/CPU Min: 926
; Lexemes/CPU-Min: 3416
; Memory Used: 290 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

FIXNOTRUN
LIS

HELP
LIS