```
EEEEEEEEEEEEEEEE   DDDDDDDDDD       TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD       TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD       TTTTTTTTTTTTTTTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEEEEEEEEEEE       DDD      DDD             TTT
EEEEEEEEEEEE       DDD      DDD             TTT
EEEEEEEEEEEE       DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEE                DDD      DDD             TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD               TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD               TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD               TTT
```

```
PPPPPPP       AAAAAA     UU      UU  DDDDDDD    IIIIII    TTTTTTTTTT
PPPPPPP       AAAAAA     UU      UU  DDDDDDD    IIIIII    TTTTTTTTTT
PP      PP   AA      AA  UU      UU  DD     DD    II          TT
PP      PP   AA      AA  UU      UU  DD     DD    II          TT
PP      PP   AA      AA  UU      UU  DD     DD    II          TT
PPPPPPP      AA      AA  UU      UU  DD     DD    II          TT
PPPPPPP      AA      AA  UU      UU  DD     DD    II          TT
PP           AAAAAAAAAA  UU      UU  DD     DD    II          TT
PP           AAAAAAAAAA  UU      UU  DD     DD    II          TT
PP           AA      AA  UU      UU  DD     DD    II          TT
PP           AA      AA  UU      UU  DD     DD    II          TT        ....
PP           AA      AA  UUUUUUUUUU  DDDDDDD    IIIIII        TT        ....
PP           AA      AA  UUUUUUUUUU  DDDDDDD    IIIIII        TT        ....


LL           IIIIII    SSSSSSSS
LL           IIIIII    SSSSSSSS
LL             II     SS
LL             II     SS
LL             II     SS
LL             II      SSSSSS
LL             II      SSSSSS
LL             II          SS
LL             II          SS
LL             II          SS
LLLLLLLLLL   IIIIII    SSSSSSSS
LLLLLLLLLL   IIIIII    SSSSSSSS
```

```
    1    0001   0 %TITLE 'EDT$PAUDIT - write a journal file record'
    2    0002   0 MODULE EDT$PAUDIT (                                    ! Write a journal file record
    3    0003   0                   IDENT = 'V04-000'                    ! File: PAUDIT.BLI Edit: JBS1010
    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 !       Write a journal file record.
   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: 6-AUG-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$$JOU_PUTREC  from module EDTCTR.
   46    0046   1 ! 1-002 - Regularize headers and fix file name.  JBS 04-Mar-1981
   47    0047   1 ! 1-003 - Switch to using edt$fileio for i/o. STS 15-Jan-1982
   48    0048   1 ! 1-004 - Remove call to edt$$flush_obuf. STS 10-Feb-1982
   49    0049   1 ! 1-005 - Add literals for callable EDT. STS 10-Mar-1982
   50    0050   1 ! 1-006 - Change EDT$$G_JOU to EDT$$V_OPTIONS.  JBS 18-Mar-1982
   51    0051   1 ! 1-007 - Make use of bit masks in options word. STS 17-Aug-1982
   52    0052   1 ! 1-008 - Fix the references to the EDT$M_ symbols.  JBS 23-Aug-1982
   53    0053   1 ! 1-009 - Don't do a str$copy for puts. STS 10-Nov-1982
   54    0054   1 ! 1-010 - Improve the appearance of the listing.  JBS 17-Jun-1983
   55    0055   1 !--
   56    0056   1
```

```
 58            0057  1 %SBTTL 'Declarations'
 59            0058  1 !
 60            0059  1 | TABLE OF CONTENTS:
 61            0060  1 !
 62            0061  1
 63            0062  1 REQUIRE 'EDTSRC:TRAROUNAM';
 64            0501  1
 65            0502  1 FORWARD ROUTINE
 66            0503  1     EDT$$JOU_PUTREC : NOVALUE;
 67            0504  1
 68            0505  1 !
 69            0506  1 | INCLUDE FILES:
 70            0507  1 !
 71            0508  1
 72            0509  1 REQUIRE 'EDTSRC:EDTREQ';
 73            0644  1
 74        L   0645  1 %IF %BLISS (BLISS32)
 75            0646  1 %THEN
 76            0647  1
 77            0648  1 REQUIRE 'EDTSRC:SYSSYM';
 78            0678  1
 79            0679  1 %FI
 80            0680  1
 81            0681  1 !
 82            0682  1 | MACROS:
 83            0683  1 !
 84            0684  1 |     NONE
 85            0685  1 !
 86            0686  1 | EQUATED SYMBOLS:
 87            0687  1 !
 88            0688  1 |     NONE
 89            0689  1 !
 90            0690  1 | OWN STORAGE:
 91            0691  1 !
 92            0692  1 |     NONE
 93            0693  1 !
 94            0694  1 | EXTERNAL REFERENCES:
 95            0695  1 !
 96            0696  1 |     In the routine
```

C 14
EDT$PAUDIT   EDT$PAUDIT – write a journal file record   16-Sep-1984 01:15:56   VAX-11 Bliss-32 V4.0-742   Page 3
V04-000   EDT$$JOU_PUTREC – write a record in the journa 14-Sep-1984 12:24:06   DISK$VMSMASTER:[EDT.SRC]PAUDIT.BLI;1   (3)

```
  98        0697   1   %SBTTL 'EDT$$JOU_PUTREC  – write a record in the journal file'
  99        0698   1
 100        0699   1   GLOBAL ROUTINE EDT$$JOU_PUTREC (                      ! Write a record in the journal file
 101        0700   1       LINE,                                             ! Address of the record
 102        0701   1       LEN                                              ! Length of the record
 103        0702   1       ) : NOVALUE =
 104        0703   1
 105        0704   1   !++
 106        0705   1   ! FUNCTIONAL DESCRIPTION:
 107        0706   1   !
 108        0707   1   !       Write a record in the journal file.
 109        0708   1   !
 110        0709   1   ! FORMAL PARAMETERS:
 111        0710   1   !
 112        0711   1   !  LINE                      Address of the record
 113        0712   1   !
 114        0713   1   !  LEN                       Length of the record
 115        0714   1   !
 116        0715   1   ! IMPLICIT INPUTS:
 117        0716   1   !
 118        0717   1   !       EDT$$G_JOU
 119        0718   1   !
 120        0719   1   ! IMPLICIT OUTPUTS:
 121        0720   1   !
 122        0721   1   !       EDT$$G_INP_CNT
 123        0722   1   !
 124        0723   1   ! ROUTINE VALUE:
 125        0724   1   !
 126        0725   1   !       NONE
 127        0726   1   !
 128        0727   1   ! SIDE EFFECTS:
 129        0728   1   !
 130        0729   1   !       NONE
 131        0730   1   !
 132        0731   1   !--
 133        0732   1
 134        0733   2       BEGIN
 135        0734   2
 136        0735   2       EXTERNAL ROUTINE
 137        0736   2           EDT$$CALLFIO;
 138        0737   2
 139        0738   2       EXTERNAL
 140        0739   2           EDT$$V_OPTIONS : BITVECTOR [32];            ! options; bit 2 = /NOJOURNAL
 141        0740   2
 142        0741   2       EXTERNAL LITERAL
 143        0742   2           EDT$M_NOJOURNAL,
 144        0743   2           EDT$K_PUT,
 145        0744   2           EDT$K_JOURNAL_FILE;
 146        0745   2
 147        0746   2       LOCAL
 148        0747   2           FILE_DESC : BLOCK [8, BYTE];
 149        0748   2
 150      L 0749   2   %IF %BLISS (BLISS32)
 151        0750   2   %THEN
 152        0751   2       FILE_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
 153        0752   2       FILE_DESC [DSC$B_CLASS] = DSC$K_CLASS_S;
 154        0753   2   %FI
```

D 14

EDT$PAUDIT   EDT$PAUDIT - write a journal file record   16-Sep-1984 01:15:56   VAX-11 Bliss-32 V4.0-742   Page   4
V04-000   EDT$$JOU_PUTREC - write a record in the journa 14-Sep-1984 12:24:06   DISK$VMSMASTER:[EDT.SRC]PAUDIT.BLI;1   (3)

```
;   155      0754  2
;   156      0755  2            IF ((.EDT$$V_OPTIONS AND EDT$M_NOJOURNAL) NEQ 0) THEN RETURN;
;   157      0756  2
;   158      0757  2            FILE-DESC [DSC$W_LENGTH] = .LEN;
;   159      0758  2            FILE-DESC [DSC$A_POINTER] = .LINE;
;   160      0759  2            EDT$$CALLFIO (EDT$K_PUT, EDT$K_JOURNAL_FILE, FILE_DESC, FILE_DESC);
;   161      0760  1            END;                                    ! of routine EDT$$JOU_PUTREC


                                                              .TITLE   EDT$PAUDIT EDT$PAUDIT - write a journal file re
;                                                                       cord
                                                              .IDENT   \V04-000\

                                                              .EXTRN   EDT$$CALLFIO, EDT$$V_OPTIONS
                                                              .EXTRN   EDT$M_NOJOURNAL
                                                              .EXTRN   EDT$K_PUT, EDT$K_JOURNAL_FILE

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

                                       0000 00000             .ENTRY   EDT$$JOU_PUTREC, Save nothing               ; 0699
                            5E      08  C2 00002              SUBL2    #8, SP
                   02    AE      010E 8F  B0 00005            MOVW     #270, FILE_DESC+2                           ; 0751
           00000000G 8F 00000000G 00  D3 0000B               BITL     EDT$$V_OPTIONS, #EDT$M_NOJOURNAL            ; 0755
                                       21  12 00016           BNEQ     1$
                            6E      08 AC  B0 00018            MOVW     LEN, FILE_DESC                             ; 0757
                   04    AE      04 AC  D0 0001C              MOVL     LINE, FILE_DESC+4                           ; 0758
                                    5E  DD 00021              PUSHL    SP                                         ; 0759
                                 04 AE  9F 00023              PUSHAB   FILE_DESC
                         00000000G 8F  DD 00026               PUSHL    #EDT$K_JOURNAL_FILE
                         00000000G 8F  DD 0002C               PUSHL    #EDT$K_PUT
            00000000G 00           04  FB 00032              CALLS    #4, EDT$$CALLFIO
                                 04 00039 1$:                 RET                                                 ; 0760

; Routine Size:   58 bytes,    Routine Base:  _EDT$CODE + 0000


;   162      0761  1
;   163      0762  1 !<BLF/PAGE>
```

```
E 14
;  165        0763  1 END                                              ! of module EDT$PAUDIT
;  166        0764  1
;  167        0765  0 ELUDOM
```

```
;                         PSECT SUMMARY
;
;
;       Name                      Bytes                    Attributes
;
;   _EDT$CODE                       58  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        0         0         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      00:04.1
```

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

```
; Size:          58 code + 0 data bytes
; Run Time:         00:15.3
; Elapsed Time:     00:23.6
; Lines/CPU Min:    3007
; Lexemes/CPU-Min:  8315
; Memory Used:   74 pages
; Compilation Complete
```