

[illegible]

EXE

Mod

EDT

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EDSYN
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```
SSSSSSSS  AAAAAA  UU      UU  DDDDDDDD  IIIIII  TTTTTTTTTT
SSSSSSSS  AAAAAA  UU      UU  DDDDDDDD  IIIIII  TTTTTTTTTT
SS        AA      AA  UU      UU  DD      DD  II      TT
SS        AA      AA  UU      UU  DD      DD  II      TT
SS        AA      AA  UU      UU  DD      DD  II      TT
SSSSSS    AA      AA  UU      UU  DD      DD  II      TT
SSSSSS    AA      AA  UU      UU  DD      DD  II      TT
SS        AA      AA  UU      UU  DD      DD  II      TT
SS        AA      AA  UU      UU  DD      DD  II      TT
SS        AA      AA  UU      UU  DD      DD  II      TT
SS        AA      AA  UU      UU  DD      DD  II      TT
SSSSSSSS  AA      AA  UUUUUUUUU  DDDDDDDD  IIIIII  TT
SSSSSSSS  AA      AA  UUUUUUUUU  DDDDDDDD  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        IIIIII  SSSSSSSS
LLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLL IIIIII  SSSSSSSS
```

.....


```
0001 0 %TITLE 'EDTSSAUDIT - Terminate recovery processing'
0002 0 MODULE EDTSSAUDIT (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 Terminate recovery processing on the journal file.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: 6-AUG-1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 18-FEB-1981. This module was created by
0045 1 extracting routine EDT$TERMIN RCOVMOD from module EDTCTR.
0046 1 1-002 - Regularized the headers. JBS 24-Feb-1981
0047 1 1-003 - Fixed the file name and module name. JBS 04-Mar-1981
0048 1 1-004 - Change EDT$OPEN APPEND FILE to EDT$SOAPP_FILDEF. JBS 02-Apr-1981
0049 1 1-005 - Use the journal RAB rather than the command RAB. JBS 16-Aug-1981
0050 1 1-006 - Add additional parameters to edt$cls_fi. STS 15-Jan-1982
0051 1 1-007 - Don't close Vax files and then reopen. STS 18-Jan-1982
0052 1 1-008 - deallocate dynamic descriptors. STS 10-Feb-1982
0053 1 1-009 - Define literals for callable EDT. STS 10-Mar-1982
0054 1 1-010 - Change EDT$G_JOU to EDT$V_OPTIONS. JBS 25-Mar-1982
0055 1 1-011 - Correct errors in PDP-11 configuration. JBS 26-Mar-1982
0056 1 1-012 - The file I/O routines return status. JBS 26-Mar-1982
0057 1 1-013 - On the re-open of the PDP-11's journal file, use SEQ to indicate
```


EDTSSAUDIT
V04-000

EDTSSAUDIT - Terminate recovery processing

C 11
16-Sep-1984 01:28:08
14-Sep-1984 12:24:20

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]SAUDIT.BLI;1 Page 2
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: 58
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: 68

0058 1 | APPEND. JBS 01-Apr-1982
0059 1 | 1-014 - Print a message on a CLOSE error. JBS 12-Apr-1982
0060 1 | 1-015 - Move an END to fix /REC problem. SMB 20-Apr-1982
0061 1 | 1-016 - Pass default file name in RHB parameter. JBS 16-Jun-1982
0062 1 | 1-017 - Make use of bit masks for options word. 17-Aug-1982
0063 1 | 1-018 - Fix references to the EDTSM symbols. JBS 23-Aug-1982
0064 1 | 1-019 - Improve the appearance of the listing. JBS 17-Jun-1983
0065 1 | 1-020 - Added logic to maintain EDT$G_TIN_OBUFPOS durring /RECOVERY mode.
0066 1 | REM 11-Oct-1983
0067 1 | --
0068 1 |
```

```
: 70      0069 1 %SBTTL 'Declarations'
: 71      0070 1
: 72      0071 1 | TABLE OF CONTENTS:
: 73      0072 1 |
: 74      0073 1
: 75      0074 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 76      0513 1
: 77      0514 1 FORWARD ROUTINE
: 78      0515 1     EDT$$TERMIN_RCOVMOD : NOVALUE;
: 79      0516 1
: 80      0517 1 |
: 81      0518 1 | INCLUDE FILES:
: 82      0519 1 |
: 83      0520 1
: 84      L 0521 1 %IF %BLISS (BLISS32)
: 85      0522 1 %THEN
: 86      0523 1
: 87      0524 1 REQUIRE 'EDTSRC:SYSSYM';
: 88      0554 1
: 89      0555 1 %FI
: 90      0556 1
: 91      0557 1 REQUIRE 'EDTSRC:EDTREQ';
: 92      0692 1
: 93      0693 1 |
: 94      0694 1 | MACROS:
: 95      0695 1 |
: 96      0696 1 | +
: 97      0697 1 | Macro for the default name of the journal file. This is defined as a macro
: 98      0698 1 | so we can use %CHARCOUNT to pass the length of the string.
: 99      0699 1 | -
: 100     0700 1 | <BLF/NOFORMAT>
: 101     0701 1
: 102     0702 1 MACRO
: 103     0703 1     JOU_DEFLT = %STRING ('.JOU;') % ; ! File type of .JOU, latest version.
: 104     0704 1
: 105     0705 1 | <BLF/FORMAT>
: 106     0706 1
: 107     0707 1 | EQUATED SYMBOLS:
: 108     0708 1 |
: 109     0709 1 |     NONE
: 110     0710 1
: 111     0711 1 | OWN STORAGE:
: 112     0712 1 |
: 113     0713 1 |     NONE
: 114     0714 1
: 115     0715 1 | EXTERNAL REFERENCES:
: 116     0716 1 |
: 117     0717 1 |     In the routine
```



```
119 0718 1 %SBTTL 'EDTSS$TERMIN_RCOVMOD - Terminate recovery processing'
120 0719 1
121 0720 1 GLOBAL ROUTINE EDTSS$TERMIN_RCOVMOD ! Terminate recovery mode
122 0721 1 : NOVALUE =
123 0722 1
124 0723 1 ++
125 0724 1 FUNCTIONAL DESCRIPTION:
126 0725 1
127 0726 1 Terminate recovery mode. This routine closes the journal file
128 0727 1 being used to recover and re-opens it to record subsequent
129 0728 1 typein. On VMS this is not needed because the journal file
130 0729 1 was opened for input/output.
131 0730 1
132 0731 1 FORMAL PARAMETERS:
133 0732 1
134 0733 1 NONE
135 0734 1
136 0735 1 IMPLICIT INPUTS:
137 0736 1
138 0737 1 EDT$$V_OPTIONS
139 0738 1 EDT$$A_JOU_NAM
140 0739 1 EDT$$G_JOU_NAMLEN
141 0740 1
142 0741 1 IMPLICIT OUTPUTS:
143 0742 1
144 0743 1 EDT$$G_RCOV_MOD
145 0744 1 EDT$$G_TIN_OBUFPOS
146 0745 1
147 0746 1 ROUTINE VALUE:
148 0747 1
149 0748 1 NONE
150 0749 1
151 0750 1 SIDE EFFECTS:
152 0751 1
153 0752 1 Closes and re-opens the journal file on PDP-11s, may do nothing on VMS.
154 0753 1
155 0754 1 --
156 0755 1
157 0756 2 BEGIN
158 0757 2
159 0758 2 EXTERNAL ROUTINE
160 0759 2 EDT$$FIOPN_ERR : NOVALUE,
161 0760 2 EDT$$FATAL_IOERR : NOVALUE,
162 0761 2 EDT$$CALLFIO;
163 0762 2
164 L 0763 2 %IF %BLISS (BLISS32)
165 0764 2 %THEN
166 0765 2
167 0766 2 EXTERNAL ROUTINE
168 0767 2 STR$FREE1_DX;
169 0768 2
170 U 0769 2 %ELSE
171 U 0770 2
172 U 0771 2 EXTERNAL LITERAL
173 U 0772 2 EDT$K_OPEN_OUTPUT_SEQ;
174 U 0773 2
175 U 0774 2 MESSAGES ((NOJNLFIL));
```

```
176 0775 2 %FI
177 0776
178 0777
179 0778      EXTERNAL
180 0779          EDT$SV_OPTIONS : BITVECTOR [32],
181 0780          EDT$SA_JOU_NAM,
182 0781          EDT$SG_JOU_NAMLEN,
183 0782          EDT$SG_TIN_OBUFPOS,
184 0783          EDT$SG_RCOV_MOD;
185 0784
186 0785      EXTERNAL LITERAL
187 0786          EDT$M_NOJOURNAL,
188 0787          EDT$K_CLOSE,
189 0788          EDT$K_JOURNAL_FILE;
190 0789
191 0790      LOCAL
192 0791          STATUS,
193 0792          FILE_DESC : BLOCK [8, BYTE],
194 0793          RHB_DESC : BLOCK [8, BYTE],
195 0794          RHB_LEN,
196 0795          STS,
197 0796          STV;
198 0797
199 0798      MESSAGES ((JOUFILCLO));
200 0799
201 0800      !+ This routine is only called if we are in recovery mode.
202 0801      !-
203 0802      ASSERT (.EDT$SG_RCOV_MOD);
204 L 0803      %IF %BLISS (BLISS32)
205 0804      %THEN
206 0805          FILE_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
207 0806          FILE_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
208 0807          RHB_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
209 0808          RHB_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
210 0809      %FI
211 0810
212 0811          FILE_DESC [DSC$A_POINTER] = 0;
213 0812          FILE_DESC [DSC$W_LENGTH] = 0;
214 0813          RHB_DESC [DSC$A_POINTER] = 0;
215 0814          RHB_DESC [DSC$W_LENGTH] = 0;
216 0815      !
217 0816          RHB_LEN = %CHARCOUNT (JOU_DEFLT);
218 0817          STRING_DESC (RHB_DESC, RHB_LEN, CH$PTR (UPLIT (JOU_DEFLT)));
219 0818
220 0819          IF ((.EDT$SV_OPTIONS AND EDT$M_NOJOURNAL) NEQ 0)
221 0820          THEN
222 0821              BEGIN
223 0822                  STRING_DESC (FILE_DESC, EDT$SG_JOU_NAMLEN, .EDT$SA_JOU_NAM);
224 0823                  STATUS = EDT$SCALFIO (EDT$K_CLOSE, EDT$K_JOURNAL_FILE, FILE_DESC, 0);
225 0824
226 0825                  IF ( NOT .STATUS)
227 0826                  THEN
228 0827                      BEGIN
229 0828                          EDT$FIOPN_ERR (EDT$JOUFILCLO, FILE_DESC);
230 0829                          EDT$FATAL_IOERR ();
231 0830                      END;
232 0831
```



```
233      0832      2      END;
234      0833      2
235      0834      2      %IF %BLISS (BLISS16)
236      0835      2      %THEN
237      0836      2      +
238      0837      2      | If this is a PDP-11 base system, we must close the file and re-open it for append.
239      0838      2      | We use SEQ not to make the journal file sequenced but to indicate that the journal
240      0839      2      | file should be appended to.
241      0840      2      | -
242      0841      2
243      0842      2      IF ((.EDT$$V_OPTIONS AND EDT$M_NOJOURNAL) EQL 0)      ! NOT /NOJOURNAL
244      0843      2      THEN
245      0844      2      BEGIN
246      0845      2      STRING_DESC (FILE_DESC, EDT$$G_JOU_NAMLEN, .EDT$$A_JOU_NAM);
247      0846      2      STATUS = EDT$$CALLFIO (EDT$K_CLOSE, EDT$K_JOURNAL_FILE, 0, 0);
248      0847      2
249      0848      2      IF ( NOT .STATUS)
250      0849      2      THEN
251      0850      2      BEGIN
252      0851      2      EDT$$FIOPN_ERR (EDT$ _JOUFILCLO, FILE_DESC);
253      0852      2      EDT$$FATAL_IOERR ();
254      0853      2      END;
255      0854      2
256      0855      2      STATUS = EDT$$CALLFIO (EDT$K_OPEN_OUTPUT_SEQ, EDT$K_JOURNAL_FILE, FILE_DESC, RHB_DESC);
257      0856      2
258      0857      2      IF ( NOT .STATUS)
259      0858      2      THEN
260      0859      2      BEGIN
261      0860      2      EDT$$FIOPN_ERR (EDT$ _NOJNLFIL, FILE_DESC);
262      0861      2      EDT$$FATAL_IOERR ();
263      0862      2      END;
264      0863      2
265      0864      2      END;
266      0865      2
267      0866      2      %FI
268      0867      2
269      0868      2      | +
270      0869      2      | Recovery mode is over.
271      0870      2      | -
272      0871      2      EDT$$G_RCOV_MOD = 0;
273      0872      2      edt$$g_tin_obufpos = 0;
274      0873      2      | +
275      0874      2      | On the VAX we need to deallocate the dynamic descriptors
276      0875      2      | -
277      0876      2
278      0877      2      %IF %BLISS (BLISS32)
279      0878      2      %THEN
280      0879      2      STR$FREE1_DX (FILE_DESC);
281      0880      2      STR$FREE1_DX (RHB_DESC);
282      0881      2      %FI
283      0882      2
284      0883      2      END;
```

! of routine EDT\$\$TERMIN_RCOVMOD

```
.TITLE EDTSSAUDIT EDTSSAUDIT - Terminate recovery proc
.IDENT \V04-000\ essing
```


: R

```
; Routine Size: 175 bytes,    Routine Base: _EDT$CODE + 0008
```

EDTSSAUDIT
V04-000

EDTSSAUDIT - Terminate recovery processing
EDTSTERMIN_RCOVMOD - Terminate recovery proce

1 11
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14-Sep-1984 12:24:20

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: 285
: 286

0884 1
0885 1 !<BLF/PAGE>

EDT
V04

S
R
E
L
M
C

EDTSSAUDIT
V04-000

EDTSSAUDIT - Terminate recovery processing
EDTSS\$TERMIN_RCOVMOD - Terminate recovery proce

J 11
16-Sep-1984 01:28:08
14-Sep-1984 12:24:20

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]SAUDIT.BLI;1

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: 288
: 289
: 290

0886 1 END
0887 1
0888 0 ELUDOM

! of module EDTSSAUDIT

:
:
:
:

PSECT SUMMARY

Name
Bytes
Attributes

_EDT\$CODE
183 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

:
:
:
:

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	6	0	581	00:02.6
_\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	3	0	40	00:00.7
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

:
:
:

COMMAND QUALIFIERS

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

: Size: 175 code + 8 data bytes
: Run Time: 00:19.1
: Elapsed Time: 00:28.2
: Lines/CPU Min: 2792
: Lexemes/CPU-Min: 8773
: Memory Used: 101 pages
: Compilation Complete

0138

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