


```

1 0001 0 %TITLE 'EDT$HANDLER - EDT condition handler'
2 0002 0 MODULE EDT$HANDLER ( ! EDT condition hanndler
3 0003 0 IDENT = 'V04-000' ! File: HANDLER.BLI Edit: JBS1004
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
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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 Condition handler enabled for callable EDT
37 0037 1
38 0038 1 ENVIRONMENT: Runs on Vax/Vms
39 0039 1
40 0040 1 AUTHOR: Shelly T. Solomon, CREATION DATE: 09-Mar-1982
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. STS 09-Mar-1982
45 0045 1 1-002 - Clear re-entry flag before continueing signal. STS 11-Mar-1982
46 0046 1 1-003 - Ignore severity bits so we won't miss signal and change file name. JBS 23-Feb-1983
47 0047 1 1-004 - Improve the appearance of the listing. JBS 14-Jun-1983
48 0048 1 --
49 0049 1

```

```
51 0050 1 %SBTTL 'Declarations'  
52 0051 1 :  
53 0052 1 : TABLE OF CONTENTS:  
54 0053 1 :  
55 0054 1 :  
56 0055 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
57 0494 1 :  
58 0495 1 FORWARD ROUTINE  
59 0496 1 EDT$HANDLER;  
60 0497 1 :  
61 0498 1 :  
62 0499 1 : INCLUDE FILES:  
63 0500 1 :  
64 0501 1 :  
65 0502 1 REQUIRE 'EDT$SRC:EDTREQ';  
66 0637 1 :  
67 0638 1 REQUIRE 'EDT$SRC:SYSSYM';  
68 0668 1 :  
69 0669 1 :  
70 0670 1 : MACROS:  
71 0671 1 :  
72 0672 1 : NONE  
73 0673 1 :  
74 0674 1 : EQUATED SYMBOLS:  
75 0675 1 :  
76 0676 1 : NONE  
77 0677 1 :  
78 0678 1 : OWN STORAGE:  
79 0679 1 :  
80 0680 1 : NONE  
81 0681 1 :  
82 0682 1 : EXTERNAL REFERENCES:  
83 0683 1 :
```

: Rc
: 1

```
85 0684 1 %SBTTL 'EDT$$HANDLER - condition handler for callable EDT'  
86 0685 1  
87 0686 1 GLOBAL ROUTINE EDT$$HANDLER (           ! Condition handler for callable EDT  
88 0687 1     SIG,                               ! Signal arguments  
89 0688 1     MECH,                             ! Mechanism arguments  
90 0689 1     ENBL                             ! ENABLE arguments (none)  
91 0690 1     ) =  
92 0691 1  
93 0692 1 +-  
94 0693 1 | FUNCTIONAL DESCRIPTION:  
95 0694 1 |  
96 0695 1 |     this is the condition handler for all callable EDT. It examines  
97 0696 1 | the error received. If the error is to pass the status to caller then  
98 0697 1 | the following error is returned to the caller via a setunwind.  
99 0698 1 | This handler is enabled in EDT$EDIT, the highest routine in callable  
100 0699 1 | EDT.  
101 0700 1 |  
102 0701 1 | FORMAL PARAMETERS:  
103 0702 1 |  
104 0703 1 |     SIG           An array of the signal arguments  
105 0704 1 |     MECH        An array of the mechanism arguments  
106 0705 1 |     ENBL        The arguments to the ENABLE expression, none provided  
107 0706 1 |  
108 0707 1 | IMPLICIT INPUTS:  
109 0708 1 |  
110 0709 1 |     NONE  
111 0710 1 |  
112 0711 1 | IMPLICIT OUTPUTS:  
113 0712 1 |  
114 0713 1 |     EDT$$G_REENTRY  
115 0714 1 |  
116 0715 1 | COMPLETION STATUS:  
117 0716 1 |  
118 0717 1 |     Always $$$_RESIGNAL, we never try to continue execution  
119 0718 1 |  
120 0719 1 | SIDE EFFECTS:  
121 0720 1 |  
122 0721 1 |     May do an unwind to the caller of EDT$EDIT  
123 0722 1 |  
124 0723 1 | --  
125 0724 1 |  
126 0725 2 | BEGIN  
127 0726 2 |  
128 0727 2 | EXTERNAL  
129 0728 2 |     EDT$$G_REENTRY;  
130 0729 2 |  
131 0730 2 | MAP  
132 0731 2 |     SIG : REF VECTOR,  
133 0732 2 |     MECH : REF VECTOR,  
134 0733 2 |     ENBL : REF VECTOR;  
135 0734 2 |  
136 0735 2 | MESSAGES ((PASSTATUS));  
137 0736 2 |  
138 0737 3 | IF ((.SIG [1] AND ( NOT 7)) EQL (EDT$_PASSTATUS AND ( NOT 7)))  
139 0738 2 | THEN  
140 0739 3 |     BEGIN  
141 0740 3 |     MECH [3] = .SIG [3];           ! Value to return in R0
```

EDT\$HANDLER
V04-000

EDT\$HANDLER - EDT condition handler
EDT\$\$HANDLER - condition handler for callable E

J 7
16-Sep-1984 00:31:12
14-Sep-1984 12:23:16

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]HANDLER.B32;1

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(3)

EDT\$
V04-

: 142 0741 3 EDT\$\$G_REENTRY = 67;
: 143 0742 3 SETUNWIND ();
: 144 0743 2 END;
: 145 0744 2
: 146 0745 2 RETURN (SS\$_RESIGNAL);
: 147 0746 1 END;

: Pass status to caller

: continue signal
: of routine EDT\$\$HANDLER

.TITLE EDT\$HANDLER EDT\$HANDLER - EDT condition handler
.IDENT \V04-000\
.EXTRN EDT\$\$G_REENTRY, EDT\$_PASSTATUS
.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

0000 0000
50 04 51 04 AC D0 00002
00000000* 8F 07 CB 00006
0C 50 08 AC D0 00014
00000000G 00 43 8F 9A 0001D
00000000G 00 02 7E 7C 00025
50 0918 02 FB 00027 1\$:
04 00033

.ENTRY EDT\$\$HANDLER, Save nothing : 0686
MOVL SIG, R1 : 0737
BICL3 #7, 4(R1), R0
CMPL R0, #<EDT\$_PASSTATUS&-8>
BNEQ 1\$
MOVL MECH, R0 : 0740
MOVL 12(R1), 12(R0)
MOVZBL #67, EDT\$\$G_REENTRY : 0741
CLRQ -(SP) : 0742
CALLS #2, SYSSUNWIND
MOVZWL #2328, R0 : 0745
RET : 0746

: Routine Size: 52 bytes, Routine Base: _EDT\$CODE + 0000

: 148 0747 1
: 149 0748 1 !<BLF/PAGE>

: Ro

