





```

1 0001 0 %TITLE 'EDTSBADKEY - test for bad key'
2 0002 0 MODULE EDTSBADKEY ( ! Test for bad key
3 0003 0 IDENT = 'V04-000' ! File: BADKEY.BLI Edit: JBS1005
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 *
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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 Test for a bad key.
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 EDTS$TST_BADK from module EDTCTR.
46 0046 1 1-002 - Regularize headers and fix file name. JBS 04-Mar-1981
47 0047 1 1-003 - Change range check, for new implementation of defined keys.
48 0048 1 JBS 12-Aug-1982
49 0049 1 1-004 - Don't allow GOLD digit. JBS 16-Aug-1982
50 0050 1 1-005 - Add conditional for VT220 support. JBS 11-Feb-1983
51 0051 1 --
52 0052 1

```

EDTSBADKEY  
V04-000

EDTSBADKEY - test for bad key  
Declarations

F 7  
15-Sep-1984 23:42:30  
14-Sep-1984 12:22:17

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]BADKEY.BLI;1 Page 2 (2)

```
.. 54 0053 1 %SBTTL 'Declarations'  
.. 55 0054 1  
.. 56 0055 1 : TABLE OF CONTENTS:  
.. 57 0056 1 :  
.. 58 0057 1  
.. 59 0058 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 60 0497 1  
.. 61 0498 1 FORWARD ROUTINE  
.. 62 0499 1 EDT$STST_BADK;  
.. 63 0500 1  
.. 64 0501 1 :  
.. 65 0502 1 : INCLUDE FILES:  
.. 66 0503 1 :  
.. 67 0504 1  
.. 68 0505 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 69 0640 1  
.. 70 0641 1 LIBRARY 'EDTSRC:KEYPADDEF';  
.. 71 0642 1  
.. 72 0643 1 LIBRARY 'EDTSRC:SUPPORTS';  
.. 73 0644 1  
.. 74 0645 1 :  
.. 75 0646 1 : MACROS:  
.. 76 0647 1 :  
.. 77 0648 1 : NONE  
.. 78 0649 1 :  
.. 79 0650 1 : EQUATED SYMBOLS:  
.. 80 0651 1 :  
.. 81 0652 1 : NONE  
.. 82 0653 1 :  
.. 83 0654 1 : OWN STORAGE:  
.. 84 0655 1 :  
.. 85 0656 1 : NONE  
.. 86 0657 1 :  
.. 87 0658 1 : EXTERNAL REFERENCES:  
.. 88 0659 1 :  
.. 89 0660 1 : In the routine
```

```
91 0661 1 %SBTTL 'EDT$STST_BADK - test for bad key'
92 0662 1
93 0663 1 GLOBAL ROUTINE EDT$STST_BADK (          ! Test for bad key
94 0664 1     KEY                               ! the key to test
95 0665 1     ) =
96 0666 1
97 0667 1  +-+
98 0668 1  | FUNCTIONAL DESCRIPTION:
99 0669 1  |
100 0670 1  |     Test for a bad key.
101 0671 1  |
102 0672 1  | FORMAL PARAMETERS:
103 0673 1  |
104 0674 1  |     KEY                          The key to test
105 0675 1  |
106 0676 1  | IMPLICIT INPUTS:
107 0677 1  |
108 0678 1  |     NONE
109 0679 1  |
110 0680 1  | IMPLICIT OUTPUTS:
111 0681 1  |
112 0682 1  |     NONE
113 0683 1  |
114 0684 1  | ROUTINE VALUE
115 0685 1  |
116 0686 1  |     1 = key is bad, 0 = key is good
117 0687 1  |
118 0688 1  | SIDE EFFECTS:
119 0689 1  |
120 0690 1  |     NONE
121 0691 1  |
122 0692 1  | --
123 0693 1  |
124 0694 2  | BEGIN
125 0695 2  |
126 L 0696 2  | %IF SUPPORT_VT220
127 0697 2  | %THEN
128 0698 2  |
129 0699 2  |     EXTERNAL
130 0700 2  |         EDT$$B_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE]; ! Information about characters
131 0701 2  |
132 0702 2  | %FI
133 0703 2  |
134 0704 2  |     ASSERT (.KEY LEQ K_KEY_MAX);
135 0705 2  |
136 0706 2  |     IF ((.KEY LSS K_KPAD_BASE) AND (.KEY NEQ ASC_K_DEL) AND (.KEY GEQ ASC_K_SP)) THEN RETURN (1);
137 0707 2  |
138 0708 2  |     IF ((.KEY GEQ K_GOLD_BASE) AND (.KEY LSS K_GOLD_BASE + 256))
139 0709 2  |     THEN
140 0710 2  |         BEGIN
141 0711 2  |
142 L 0712 2  |         %IF SUPPORT_VT220
143 0713 2  |         %THEN
144 0714 2  |
145 0715 2  |             IF (.EDT$$B_CHAR_INFO [.KEY - K_GOLD_BASE, 0, 0, 8, 0] EQL %X'FO') THEN RETURN (1);
146 0716 2  |
147 U 0717 3  | %ELSE
```

```

: 148
: 149
: 150
: 151
: 152
: 153
: 154
: 155
: 156

```

```

U 0718 3
U 0719 3
U 0720 3
  0721 %F1
  0722
  0723
  0724
  0725
  0726 1

```

```

      IF ((.KEY GEQ %C'0') AND (.KEY LEQ %C'9')) THEN RETURN (1);

      END;

      RETURN (0);
      END;

```

! of routine EDT\$\$TST\_BADK

```

.TITLE EDTSBADKEY EDTSBADKEY - test for bad key
.IDENT \V04-000\

```

```

.EXTRN EDT$$B_CHAR_INFO
.EXTRN EDT$$INTER_ERR

```

```

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

```

```

.ENTRY EDT$$TST_BADK, Save R2

```

```

      000003E7 52      04      AC  D0 00002
      0000000G 00      00      FB 0000F
      0000012C 8F      52      D1 00016 1$:
      0000007F 8F      0E      18 0001D
      20      52      D1 0001F
      000001F4 8F      05      13 00026
      20      52      D1 00028
      000002F4 8F      1D      18 0002B
      8F      52      D1 0002D 2$:
      F0 8F 0000000G00 0F 18 0003D
      50      04      12 00048
      01      D0 0004A 3$:
      04      04 0004D
      50      D4 0004E 4$:
      04      04 00050

```

```

      MOVL KEY, R2
      CMPL R2, #999
      BLEQ 1$
      CALLS #0, EDT$$INTER_ERR
      CMPL R2, #300
      BGEQ 2$
      CMPL R2, #127
      BEQL 2$
      CMPL R2, #32
      BGEQ 3$
      CMPL R2, #500
      BLSS 4$
      CMPL R2, #756
      BGEQ 4$
      CMPB EDT$$B_CHAR_INFO-500[R2], #240
      BNEQ 4$
      MOVL #1, R0
      RET
      CLRL R0
      RET

```

```

: 0663
: 0704
:
:
: 0706
:
:
:
: 0708
:
:
:
: 0715
:
:
: 0725
: 0726

```

; Routine Size: 81 bytes, Routine Base: \_EDT\$CODE + 0000

```

: 157 0727 1
: 158 0728 1 !<BLF/PAGE>

```

EDTSBADKEY  
V04-000

EDTSBADKEY - test for bad key  
EDTSTST\_BADK - test for bad key

1 7  
15-Sep-1984 23:42:30  
14-Sep-1984 12:22:17

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

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ED  
VO

: 160 0729 1 END  
: 161 0730 1  
: 162 0731 0 ELUDOM

! of module EDT\$BADKEY

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	81	NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	3	0	40	00:00.3
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
_\$255\$DUA28:[EDT.SRC]KEYPADDEF.L32;1	34	3	8	7	00:00.1
_\$255\$DUA28:[EDT.SRC]SUPPORTS.L32;1	2	1	50	5	00:00.1

COMMAND QUALIFIERS

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

Size: 81 code + 0 data bytes  
Run Time: 00:10.7  
Elapsed Time: 00:15.2  
Lines/CPU Min: 4110  
Lexemes/CPU-Min: 11842  
Memory Used: 64 pages  
Compilation Complete

