

EEEEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT

```

TTTTTTTTT1  SSSSSSSS  TTTTTTTTTT  KK      KK  EEEEEEEEE  YY      YY  DDDDDDDD  EEEEEEEEE  FFFFFFFF
TTTTTTTTT   SSSSSSSS  TTTTTTTTTT  KK      KK  EEEEEEEEE  YY      YY  DDDDDDDD  EEEEEEEEE  FFFFFFFF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SSSSSS     TT          KKKKKK  EE          YY      YY  DD          DD  EEEEEEE   FFFFFFFF
TT          SSSSSS     TT          KKKKKK  EE          YY      YY  DD          DD  EEEEEEE   FFFFFFFF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SS          TT          KK      KK  EE          YY      YY  DD          DD  EE          FF
TT          SSSSSSSS  TT          KK      KK  EEEEEEEEE  YY      YY  DDDDDDDD  EEEEEEEEE  FF
TT          SSSSSSSS  TT          KK      KK  EEEEEEEEE  YY      YY  DDDDDDDD  EEEEEEEEE  FF

```

```

LL          IIIII  SSSSSSSS
LL          IIIII  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 IIIII  SSSSSSSS
LLLLLLLLLL IIIII  SSSSSSSS

```



```

1 0001 0 %TITLE 'EDT$TSTKEYDEF - test a key''s definition'
2 0002 0 MODULE EDT$TSTKEYDEF ( ! Test a key's definition
3 0003 0 IDENT = 'V04-000' ! File: TSTKEYDEF.BLI Edit: JBS1003
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 a key's definition.
37 0037 1
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: John Sauter, CREATION DATE: August 13, 1982
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. JBS 13-Aug-1982
45 0045 1 1-002 - Make the string match be case insensitive. JBS 10-Nov-1982
46 0046 1 1-003 - Add a parameter for partial matching. JBS 14-Dec-1982
47 0047 1 --
48 0048 1

```

```
.. 50      0049 1 %SBTTL 'Declarations'  
.. 51      0050 1  
.. 52      0051 1 : TABLE OF CONTENTS:  
.. 53      0052 1 :  
.. 54      0053 1  
.. 55      0054 1 REQUIRE 'EDTSRC:TRAROUNAM';  
.. 56      0493 1  
.. 57      0494 1 FORWARD ROUTINE  
.. 58      0495 1     EDT$TST_KEYDEF;           ! Test a key's definition  
.. 59      0496 1  
.. 60      0497 1 :  
.. 61      0498 1 : INCLUDE FILES:  
.. 62      0499 1 :  
.. 63      0500 1  
.. 64      0501 1 REQUIRE 'EDTSRC:EDTREQ';  
.. 65      0636 1  
.. 66      0637 1 LIBRARY 'EDTSRC:KEYPADDEF';  
.. 67      0638 1  
.. 68      0639 1 :  
.. 69      0640 1 : MACROS:  
.. 70      0641 1 :  
.. 71      0642 1 :     NONE  
.. 72      0643 1 :  
.. 73      0644 1 : EQUATED SYMBOLS:  
.. 74      0645 1 :  
.. 75      0646 1 :     NONE  
.. 76      0647 1 :  
.. 77      0648 1 : OWN STORAGE:  
.. 78      0649 1 :  
.. 79      0650 1 :     NONE  
.. 80      0651 1 :  
.. 81      0652 1 : EXTERNAL REFERENCES:  
.. 82      0653 1 :  
.. 83      0654 1 :     In the routine
```

```

: 85 0655 1 %SBTTL 'EDT$$TST_KEYDEF - test a key''s definition'
: 86 0656 1
: 87 0657 1 GLOBAL ROUTINE EDT$$TST_KEYDEF (           ! Test a key's definition
: 88 0658 1     KEY,                                   ! Key number
: 89 0659 1     TEXT_PTR,                             ! Address of text to match
: 90 0660 1     TEXT_LEN,                             ! Length of text to match
: 91 0661 1     PARTIAL                               ! 1 = Partial matching
: 92 0662 1     ) =
: 93 0663 1
: 94 0664 1 !++
: 95 0665 1 ! FUNCTIONAL DESCRIPTION:
: 96 0666 1
: 97 0667 1     See if the definition of a key matches a specified string. This is used
: 98 0668 1     to check for GOLD, RESET, ADV and BACK. It is also used to check for
: 99 0669 1     the definition of DEL, to optimize DEL handling.
: 100 0670 1
: 101 0671 1 ! FORMAL PARAMETERS:
: 102 0672 1
: 103 0673 1     KEY                                 The number of the key whose definition is to be tested
: 104 0674 1
: 105 0675 1     TEXT_PTR                           Pointer to the text to test against
: 106 0676 1
: 107 0677 1     TEXT_LEN                           Number of bytes in that text
: 108 0678 1
: 109 0679 1     PARTIAL                             1 = Only the first part of the key definition must match
: 110 0680 1
: 111 0681 1 ! IMPLICIT INPUTS:
: 112 0682 1
: 113 0683 1     NONE
: 114 0684 1
: 115 0685 1 ! IMPLICIT OUTPUTS:
: 116 0686 1
: 117 0687 1     NONE
: 118 0688 1
: 119 0689 1 ! ROUTINE VALUE:
: 120 0690 1
: 121 0691 1     1 = key definition matches the string
: 122 0692 1     0 = key is undefined or its definition does not match the string
: 123 0693 1
: 124 0694 1 ! SIDE EFFECTS:
: 125 0695 1
: 126 0696 1     NONE
: 127 0697 1
: 128 0698 1 !--
: 129 0699 1
: 130 0700 2     BEGIN
: 131 0701 2
: 132 0702 2     EXTERNAL ROUTINE
: 133 0703 2         EDT$$STR_CMP,                   ! Match two strings of equal length
: 134 0704 2         EDT$$FIND_KEY;                 ! Find the definition of a key
: 135 0705 2
: 136 0706 2     LOCAL
: 137 0707 2         KEY_PTR : REF BLOCK [, BYTE] FIELD (KEY_DEF_FIELD);
: 138 0708 2
: 139 0709 2     IF ( NOT EDT$$FIND_KEY (.KEY, KEY_PTR)) THEN RETURN (0);
: 140 0710 2
: 141 0711 2     IF .PARTIAL

```

EDT\$TSTKEYDEF
V04-000

EDT\$TSTKEYDEF - test a key's definition
EDT\$\$TST_KEYDEF - test a key's definition

L 14
16-Sep-1984 01:57:27
14-Sep-1984 12:25:07

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]TSTKEYDEF.BLI;1

Page 4
(3)

```
: 142      0712  2      THEN  
: 143      0713      BEGIN  
: 144      0714      IF (.TEXT_LEN GTR .KEY_PTR [KEY_DEF_LEN]) THEN RETURN (0)  
: 145      0715      END  
: 146      0716      ELSE  
: 147      0717      BEGIN  
: 148      0718      IF (.TEXT_LEN NEQ .KEY_PTR [KEY_DEF_LEN]) THEN RETURN (0);  
: 149      0719      END;  
: 150      0720      IF EDT$$STR_CMP (.TEXT_PTR, KEY_PTR [KEY_DEF_TEXT], .TEXT_LEN, 3) THEN RETURN (1);  
: 151      0721      RETURN (0);  
: 152      0722      END;  
: 153      0723  
: 154      0724  
: 155      0725  
: 156      0726  
: 157      0727  
: 158      0728  1      END;
```

! of routine EDT\$\$TST_KEYDEF

.TITLE EDT\$TSTKEYDEF EDT\$TSTKEYDEF - test a key's defi
niton

.IDENT \V04-000\

.EXTRN EDT\$\$STR_CMP, EDT\$\$FIND_KEY

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

.ENTRY EDT\$\$TST_KEYDEF, Save nothing

SUBL2 #4, SP

PUSHL SP

PUSHL KEY

CALLS #2, EDT\$\$FIND_KEY

BLBC R0, 3\$

MOVL KEY_PTR, R0

BLBC PARTIAL, 1\$

CMPZV #0, #2, 6(R0), TEXT_LEN

BGEQ 2\$

BRB 3\$

CMPZV #0, #8, 6(R0), TEXT_LEN

BNEQ 3\$

PUSHL #3

PUSHL TEXT_LEN

ADDL3 #7, KEY_PTR, -(SP)

PUSHL TEXT_PTR

CALLS #4, EDT\$\$STR_CMP

BLBC R0, 3\$

MOVL #1, R0

RET

CLRL R0

RET

```
0000 00000  
5E      04      C2 00002  
04      5E      DD 00005  
00000000G 00      04      AC      DD 00007  
36      02      FB 0000A  
50      50      E9 00011  
08      6E      D0 00014  
10      0B      AC      E9 00017  
08      00      ED 0001B  
08      0B      18 00022  
24      24      11 00024  
08      00      ED 00026 1$:  
1B      1B      12 0002D  
03      03      DD 0002F 2$:  
0C      0C      AC      DD 00031  
07      07      C1 00034  
08      08      AC      DD 00039  
00000000G 00      04      FB 0003C  
04      50      E9 00043  
50      01      D0 00046  
04      04      00049  
50      50      D4 0004A 3$:  
04      04      0004C
```

```
: 0657  
: 0709  
: 0715  
: 0711  
: 0715  
: 0721  
: 0725  
: 0728
```

; Routine Size: 77 bytes, Routine Base: _EDT\$CODE + 0000

```
: 159      0729  1  
: 160      0730  1 !<BLF/PAGE>
```

EDT\$TSTKEYDEF
V04-000

EDT\$TSTKEYDEF - test a key's definition
EDT\$TST_KEYDEF - test a key's definition

M 14
16-Sep-1984 01:57:27
14-Sep-1984 12:25:07

VAX-11 BLISS-32 V4.0-742
[EDT.SRC]TSTKEYDEF.BLI;1

: 162 0731 1 END
: 163 0732 1
: 164 0733 0 ELUDOM

! of module EDT\$TSTKEYDEF

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	77	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	0	0	40	00:00.2
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
-\$255\$DUA28:[EDT.SRC]KEYPADDEF.L32;1	34	5	14	7	00:00.1

COMMAND QUALIFIERS

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

: Size: 77 code + 0 data bytes
: Run Time: 00:10.6
: Elapsed Time: 00:13.0
: Lines/CPU Min: 4160
: Lexemes/CPU-Min: 11789
: Memory Used: 68 pages
: Compilation Complete

SCRUPDATM LIS	STARTED LIS	TISAVE LIS	TIAUTO LIS	TIDELETE LIS	TILINE LIS	TRACEMAC LIS	UFBUFFER LIS
SCRZAPSIN LIS	TITYPAD LIS	TICLRAUD LIS	SUPPORTS LIS	TICHO LIS	TRAROUNAM LIS	TRANSLATE LIS	UFSTRING LIS
SCRWID LIS	SYSUAX LIS	TRACELIT LIS	UCVTCASE LIS				