



```

TTTTTTTTT1  SSSSSSSS  TTTTTTTTTT  KK      KK  EEEEEEEEE  YY      YY  DDDDDDDD  EEEEEEEEE  FFFFFFFF
TTTTTTTTTT  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

```

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....
....
....
....

```



```

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 *
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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;  
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
```

! Test a key's definition

```

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
```

```

: 142      0712  2      THEN
: 143      0713      BEGIN
: 144      0714      3
: 145      0715  4      IF (.TEXT_LEN GTR .KEY_PTR [KEY_DEF_LEN]) THEN RETURN (0)
: 146      0716  4
: 147      0717      END
: 148      0718      ELSE
: 149      0719      BEGIN
: 150      0720      3
: 151      0721      3      IF (.TEXT_LEN NEQ .KEY_PTR [KEY_DEF_LEN]) THEN RETURN (0);
: 152      0722      3
: 153      0723      2      END;
: 154      0724      2
: 155      0725      2      IF EDT$$STR_CMP (.TEXT_PTR, KEY_PTR [KEY_DEF_TEXT], .TEXT_LEN, 3) THEN RETURN (1);
: 156      0726      2
: 157      0727      2      RETURN (0);
: 158      0728      1      END;

```

! of routine EDT\$\$TST\_KEYDEF

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

.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, ?, 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
						5E	DD	00005
			04			AC	DD	00007
					00000000G	00	02	FB 0000A
						36	50	E9 00011
						50	6E	D0 00014
						08	10	AC E9 00017
OC	AC	06	A0			08	00	ED 0001B
							08	18 00022
							24	11 00024
							00	ED 00026 1\$:
							1B	12 0002D
							03	DD 0002F 2\$:
						0C	AC	DD 00031
				7E	08	AE	07	C1 00034
							08	AC DD 00039
					00000000G	00	04	FB 0003C
						04	50	E9 00043
						50	01	D0 00046
							04	00049
							50	D4 0004A 3\$:
							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 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 12:25:07 [EDT.SRC]TSTKEYDEF.BLI;1

Page 5  
(4)

: 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=LIS\$: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	TRACEMAC LIS	UFBUFFER LIS
SCRZAPSIN LIS	SETCOMMAN LIS	TIAUTO LIS	TIDELETE LIS	UEXACASE LIS
SCRUPDATM LIS	TITYPAMD LIS	TSTKEYDEF LIS	TICLRAUD LIS	TRAROUNAM LIS
SUPPORTS LIS	TIECHO LIS	TRANSLATE LIS	TRACELIT LIS	UEVTCASE LIS
SCRWID LIS	TICHAR LIS	UFSTRING LIS		
	SYSUAX LIS			