


```

1 0001 0 %TITLE 'EDT$CLRKEY - cancel a key definition'
2 0002 0 MODULE EDT$CLRKEY ( ! Cancel a key definition
3 0003 0 IDENT = 'V04-000' ! File: CLRKEY.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 Cancel a key definition
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 EDT$$CAN_KDEF from module EDTCTR.
46 0046 1 1-002 - Regularize headers and fix file name. JBS 04-Mar-1981
47 0047 1 1-003 - Deallocate virtual memory for keys before cancelled. TMV 06-Aug-81
48 0048 1 1-004 - Return a status code. JBS 18-May-1982
49 0049 1 1-005 - New implementation of defined keys. JBS 13-Aug-1982
50 0050 1 --
51 0051 1

```


EDT\$CLRKEY
V04-000

EDT\$CLRKEY - cancel a key definition
Declarations

M 14
16-Sep-1984 00:14:19
14-Sep-1984 12:22:51

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]CLRKEY.BLI;1 Page 2
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```
: 53 0052 1 %SBTTL 'Declarations'  
: 54 0053 1 :  
: 55 0054 1 : TABLE OF CONTENTS:  
: 56 0055 1 :  
: 57 0056 1 :  
: 58 0057 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
: 59 0496 1 :  
: 60 0497 1 FORWARD ROUTINE  
: 61 0498 1 EDT$SCAN_KDEF;  
: 62 0499 1 :  
: 63 0500 1 :  
: 64 0501 1 : INCLUDE FILES:  
: 65 0502 1 :  
: 66 0503 1 :  
: 67 0504 1 REQUIRE 'EDT$SRC:EDTREQ';  
: 68 0639 1 :  
: 69 0640 1 LIBRARY 'EDT$SRC:KEYPADDEF';  
: 70 0641 1 :  
: 71 0642 1 :  
: 72 0643 1 : MACROS:  
: 73 0644 1 :  
: 74 0645 1 : NONE  
: 75 0646 1 :  
: 76 0647 1 : EQUATED SYMBOLS:  
: 77 0648 1 :  
: 78 0649 1 : NONE  
: 79 0650 1 :  
: 80 0651 1 : OWN STORAGE:  
: 81 0652 1 :  
: 82 0653 1 : NONE  
: 83 0654 1 :  
: 84 0655 1 : EXTERNAL REFERENCES:  
: 85 0656 1 :  
: 86 0657 1 : In the routine
```

EDT
V04

: R
:
:

```

: 88      0658 1 %SBTTL 'EDT$$SCAN_KDEF - cancel a key definition'
: 89      0659 1
: 90      0660 1 GLOBAL ROUTINE EDT$$SCAN_KDEF (           ! Cancel a key definition
: 91      0661 1     KEY                                     ! Number of the key whose definition to cancel
: 92      0662 1     ) =
: 93      0663 1
: 94      0664 1 !++
: 95      0665 1   FUNCTIONAL DESCRIPTION:
: 96      0666 1
: 97      0667 1       Cancel a key definition, and deallocate virtual memory
: 98      0668 1
: 99      0669 1   FORMAL PARAMETERS:
100     0670 1
101     0671 1     KEY                                     The number of the key whose definition to cancel
102     0672 1
103     0673 1   IMPLICIT INPUTS:
104     0674 1
105     0675 1       NONE
106     0676 1
107     0677 1   IMPLICIT OUTPUTS:
108     0678 1
109     0679 1       EDT$$A_TRN_TBL
110     0680 1
111     0681 1   ROUTINE VALUE:
112     0682 1
113     0683 1       EDT$_KEYNOTDEF if the key cannot be defined, 1 if it can.
114     0684 1
115     0685 1   SIDE EFFECTS:
116     0686 1
117     0687 1       NONE
118     0688 1
119     0689 1   --
120     0690 1
121     0691 2   BEGIN
122     0692 2
123     0693 2   EXTERNAL ROUTINE
124     0694 2       EDT$$DEA_HEAP,
125     0695 2       EDT$$TST_BADK;
126     0696 2
127     0697 2   EXTERNAL
128     0698 2       EDT$$A_TRN_TBL : VECTOR;           ! The keypad translation table
129     0699 2
130     0700 2   MESSAGES ((KEYNOTDEF));
131     0701 2
132     0702 2   LOCAL
133     0703 2       KEY_PTR : REF BLOCK [, BYTE] FIELD (KEY_DEF_FIELD),
134     0704 2       OLD_KEY_PTR : REF BLOCK [, BYTE] FIELD (KEY_DEF_FIELD);
135     0705 2
136     0706 2   IF EDT$$TST_BADK (.KEY) THEN RETURN (EDT$_KEYNOTDEF);
137     0707 2
138     0708 2   !+
139     0709 2   ! If the key was defined then deallocate memory before cancelling.
140     0710 2   !-
141     0711 2       OLD_KEY_PTR = EDT$$A_TRN_TBL [.KEY MOD K_KPAD_HASHSIZE];
142     0712 2       KEY_PTR = .OLD_KEY_PTR [KEY_DEF_NEXT];
143     0713 2
144     0714 2   IF (.KEY_PTR EQLA 0) THEN RETURN (1);

```



```

: 145      0715  2
: 146      0716  2
: 147      0717  2
: 148      0718  2
: 149      0719  2
: 150      0720  2
: 151      0721  2
: 152      0722  2
: 153      0723  2
: 154      0724  2
: 155      0725  2
: 156      0726  2
: 157      0727  2
: 158      0728  1

```

```

      WHILE (.KEY_PTR [KEY_DEF_KEY] NEQ .KEY) DO
      BEGIN
      OLD_KEY_PTR = .KEY_PTR;
      KEY_PTR = .KEY_PTR [KEY_DEF_NEXT];

      IF (.KEY_PTR EQLA 0) THEN RETURN (1);

      END;

      OLD_KEY_PTR [KEY_DEF_NEXT] = .KEY_PTR [KEY_DEF_NEXT];
      EDT$$DEA_HEAP (%REF (.KEY_PTR [KEY_DEF_LEN] + KEY_DEF_OVERHEAD), %REF (.KEY_PTR));
      RETURN (T);
      END;

```

! of routine EDT\$\$SCAN_KDEF

.TITLE EDT\$CLRKEY EDT\$CLRKEY - cancel a key definition
.IDENT \V04-000\

.EXTRN EDT\$\$DEA_HEAP, EDT\$\$TST_BADK
.EXTRN EDT\$\$A_TRN_TBL, EDT\$_KEYNOTDEF

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

```

.ENTRY EDT$$SCAN_KDEF, Save nothing      : 0660
SUBL2 #8, SP
PUSHL KEY                                  : 0706
CALLS #1, EDT$$TST_BADK
BLBC R0, 1$
MOVL #EDT$_KEYNOTDEF, R0
RET
EMUL #1, KEY, #0, -(SP)                  : 0711
EDIV #199, (SP)+, R0, R0
MOVAL EDT$$A_TRN_TBL[R0], OLD_KEY_PTR
MOVL (OLD_KEY_PTR), KEY_PTR              : 0712
BRB 3$                                     : 0714
CMPZV #0, #16, 4(KEY_PTR), KEY           : 0716
BEQL 4$
MOVL KEY_PTR, OLD_KEY_PTR                : 0718
MOVL (KEY_PTR), KEY_PTR                  : 0719
BNEQ 2$                                     : 0721
BRB 5$
MOVL (KEY_PTR), (OLD_KEY_PTR)            : 0725
MOVL KEY_PTR, 4(SP)                      : 0726
PUSHAB 4(SP)
MOVZBL 6(KEY_PTR), 4(SP)
ADDL2 #7, 4(SP)
PUSHAB 4(SP)
CALLS #2, EDT$$DEA_HEAP
MOVL #1, R0                               : 0727
RET                                       : 0728

```

: Routine Size: 106 bytes, Routine Base: _EDT\$CODE + 0000

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

EDT\$CLRKEY
V04-000

EDT\$CLRKEY - cancel a key definition
EDT\$\$CAN_KDEF - cancel a key definition

C 15
16-Sep-1984 00:14:19
14-Sep-1984 12:22:51

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DISK\$VMMASTER:[EDT.SRC]CLRKEY.BLI;1

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

! of module EDT\$CLRKEY

PSECT SUMMARY

Name Bytes Attributes
:_EDT\$CODE 106 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	1	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	7	20	7	00:00.1

COMMAND QUALIFIERS

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

: Size: 106 code + 0 data bytes
: Run Time: 00:11.5
: Elapsed Time: 00:13.4
: Lines/CPU Min: 3824
: Lexemes/CPU-Min: 12193
: Memory Used: 73 pages
: Compilation Complete

CHMMRKCHG LIS	CHMPARSEN LIS	CHMSELPOS LIS	CHMSPLLIN LIS	DATA LIS
CHMUNDEL LIS	COMMAND LIS	CHMONSTR LIS	CHMSAVPOS LIS	CHMSCHSTR LIS
CHMREPOS LIS	CHMMESS LIS	CHMPASTE LIS	CHMSENDEL LIS	CHMTAD LIS
CHMSAVTXT LIS	CHMNEWLEN LIS	CHMPARSE LIS	CHMSAVLIN LIS	CLRKEY LIS
CHMSUBS LIS				