





```

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 *
10 0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
11 0011 1 * ALL RIGHTS RESERVED. *
12 0012 1 *
13 0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
14 0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
15 0015 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
16 0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
17 0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
18 0018 1 * TRANSFERRED. *
19 0019 1 *
20 0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
21 0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
22 0022 1 * CORPORATION. *
23 0023 1 *
24 0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
25 0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
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$SCAN_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

```

```
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
```

: 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  3
: 148      0718  3
: 149      0719  3
: 150      0720  3
: 151      0721  3
: 152      0722  3
: 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\$\$STST\_BADK  
.EXTRN EDT\$\$A\_TRN\_TBL, EDT\$\_KEYNOTDEF

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

```

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

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

Page 5  
(4)

: 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

CHMMRCHG 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	CHMTADJ LIS
CHMSAVTXT LIS	CHMNEWLEN LIS	CHMPARSE LIS	CHMSAVLIN LIS	CLRKEY LIS
CHMSUBS LIS				