```
EEEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEEEEEEEEEEE       DDD      DDD          TTT
EEEEEEEEEEEE       DDD      DDD          TTT
EEEEEEEEEEEE       DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
```

```
LL           DDDDDDD     EEEEEEEEEE   FFFFFFFFFF  KK      KK
LL           DDDDDDD     EEEEEEEEEE   FFFFFFFFFF  KK      KK
LL           DD     DD   EE           FF          KK    KK
LL           DD     DD   EE           FF          KK   KK
LL           DD     DD   EE           FF          KK  KK
LL           DD     DD   EE           FF          KK KK
LL           DD     DD   EEEEEEEE     FFFFFFF     KKKKK
LL           DD     DD   EEEEEEEE     FFFFFFF     KKKKK
LL           DD     DD   EE           FF          KK KK
LL           DD     DD   EE           FF          KK  KK
LL           DD     DD   EE           FF          KK   KK
LL           DD     DD   EE           FF          KK    KK      ....
LLLLLLLLLL   DDDDDDD     EEEEEEEEEE   FF          KK    KK      ....
LLLLLLLLLL   DDDDDDD     EEEEEEEEEE   FF          KK    KK      ....


LL              IIIIII      SSSSSSSS
LL              IIIIII      SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II         SSSSS
LL                II         SSSSSS
LL                II               SS
LL                II               SS
LL                II               SS
LL                II               SS
LLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLL      IIIIII      SSSSSSSS
```

```
0001   0  %TITLE 'EDT$LDEFK - DEFINE KEY command'
0002   0  MODULE EDT$LDEFK (                              ! DEFINE KEY line-mode command
0003   0                   IDENT = 'V04-000'                    ! File: LDEFK.BLI Edit: JBS1006
0004   0                   ) =
0005   1  BEGIN
0006   1  !
0007   1  !*****************************************************************************
0008   1  !*                                                                           *
0009   1  !*    COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                *
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0026   1  !*                                                                           *
0027   1  !*                                                                           *
0028   1  !*****************************************************************************
0029   1  !
0030   1  !
0031   1  !++
0032   1  ! FACILITY:      EDT -- The DEC Standard Editor
0033   1  !
0034   1  ! ABSTRACT:
0035   1  !
0036   1  !      This module executes the line mode DEFINE KEY command.
0037   1  !
0038   1  ! ENVIRONMENT:  Runs at any access mode - AST reentrant
0039   1  !
0040   1  ! AUTHOR: Bob Kushlis, CREATION DATE: February 3, 1978
0041   1  !
0042   1  ! MODIFIED BY:
0043   1  !
0044   1  ! 1-001 - Original.  DJS 30-JAN-81.  This module was created by
0045   1  !         extracting the routine DEFINE_COM from the module EXEC.BLI.
0046   1  ! 1-002 - Regularize headers.  JBS 19-Mar-1981
0047   1  ! 1-003 - Change SY_EXIT to EDT$$SYS_EXI .  JBS 31-Mar-1981
0048   1  ! 1-004 - Use new message codes.  JBS 05-Aug-1981
0049   1  ! 1-005 - Remove INP_FILE.  JBS 16-Aug-1981
0050   1  ! 1-006 - EDT$DEFK returns a status.  JBS 18-May-1982
0051   1  !--
0052   1
```

```
  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$$DEFK_CMD : NOVALUE;                          ! Process the DEFINE KEY command
  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   !
  71      0642   1   ! MACROS:
  72      0643   1   !
  73      0644   1   !     NONE
  74      0645   1   !
  75      0646   1   ! EQUATED SYMBOLS:
  76      0647   1   !
  77      0648   1   !     NONE
  78      0649   1   !
  79      0650   1   ! OWN STORAGE:
  80      0651   1   !
  81      0652   1   !     NONE
  82      0653   1   !
  83      0654   1   ! EXTERNAL REFERENCES:
  84      0655   1   !
  85      0656   1   !     In the routine
```

```
 87     0657   1   %SBTTL 'EDT$$DEFK_CMD - DEFINE KEY command'
 88     0658   1
 89     0659   1   GLOBAL ROUTINE EDT$$DEFK_CMD                              ! DEFINE KEY line-mode command
 90     0660   1       : NOVALUE =
 91     0661   1
 92     0662   1   !++
 93     0663   1   ! FUNCTIONAL DESCRIPTION:
 94     0664   1   !
 95     0665   1   !       Command processing for DEFINE KEY.   Simply call the define key routine for change mode,
 96     0666   1   !       and display an error message if it fails.
 97     0667   1   !
 98     0668   1   ! FORMAL PARAMETERS:
 99     0669   1   !
100     0670   1   !       NONE
101     0671   1   !
102     0672   1   ! IMPLICIT INPUTS:
103     0673   1   !
104     0674   1   !       EDT$$G_INP_SRC
105     0675   1   !       EDT$$G_RCOV_MOD
106     0676   1   !       EDT$$A_EXE_CURCMD
107     0677   1   !
108     0678   1   ! IMPLICIT OUTPUTS:
109     0679   1   !
110     0680   1   !       NONE
111     0681   1   !
112     0682   1   ! ROUTINE VALUE:
113     0683   1   !
114     0684   1   !       NONE
115     0685   1   !
116     0686   1   ! SIDE EFFECTS:
117     0687   1   !
118     0688   1   !       If the attempt to define the key fails, may never
119     0689   1   !       return to the caller.
120     0690   1   !
121     0691   1   !--
122     0692   1
123     0693   2       BEGIN
124     0694   2
125     0695   2       EXTERNAL ROUTINE
126     0696   2           EDT$$TST_BADK,
127     0697   2           EDT$$DEFR,
128     0698   2           EDT$$FMT_MSG,
129     0699   2           EDT$$SYS_EXI : NOVALUE;
130     0700   2
131     0701   2       EXTERNAL
132     0702   2           EDT$$G_INP_SRC,
133     0703   2           EDT$$G_RCOV_MOD,
134     0704   2           EDT$$A_EXE_CURCMD : REF NODE_BLOCK;      ! Pointer to the current command.
135     0705   2
136     0706   2       LOCAL
137     0707   2           STATUS;
138     0708   2
139     0709   2       MESSAGES ((KEYNOTDEF, EDITORABO));
140     0710   2
141     0711   2       IF EDT$$TST_BADK (.EDT$$A_EXE_CURCMD [KEY_VAL])
142     0712   2       THEN
143     0713   2           EDT$$FMT_MSG (EDT$_KEYNOTDEF)
```

```
 144    0714   2           ELSE
 145    0715   3             BEGIN
 146    0716   3             STATUS = EDT$$DEFK (.EDT$$A_EXE_CURCMD [KEY_VAL], .EDT$$A_EXE_CURCMD [AS_STR],
 147    0717   3                 .EDT$$A_EXE_CURCMD [AS_LEN]);
 148    0718   3
 149    0719   4             IF ( NOT .STATUS)
 150    0720   3             THEN
 151    0721   4               BEGIN
 152    0722   4               EDT$$FMT_MSG (.STATUS);
 153    0723   4  !+
 154    0724   4  ! If we run out of memory when defining keys in the startup file, abort the editor.
 155    0725   4  !-
 156    0726   4
 157    0727   4               IF (.EDT$$G_INP_SRC EQL INP_COMMAND) THEN EDT$$SYS_EXI (EDT$_EDITORABO);
 158    0728   4
 159    0729   3               END;
 160    0730   3
 161    0731   2             END;
 162    0732   2
 163    0733   1           END;                                            ! of routine EDT$$DEFK_CMD


                                                   .TITLE   EDT$LDEFK EDT$LDEFK - DEFINE KEY command
                                                   .IDENT   \V04-000\

                                                   .EXTRN   EDT$$TST_BADK, EDT$$DEFK
                                                   .EXTRN   EDT$$FMT_MSG, EDT$$SYS_EXI
                                                   .EXTRN   EDT$$G_INP_SRC, EDT$$G_RCOV_MOD
                                                   .EXTRN   EDT$$A_EXE_CURCMD
                                                   .EXTRN   EDT$_KEYNOTDEF, EDT$_EDITORABO

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

                                000C 00000          .ENTRY  EDT$$DEFK_CMD, Save R2,R3                    ; 0659
           53 00000000G  00  9E 00002          MOVAB    EDT$$A_EXE_CURCMD, R3
           52 00000000G  00  9E 00009          MOVAB    EDT$$FMT_MSG, R2
           50            63  D0 00010          MOVL     EDT$$A_EXE_CURCMD, R0                            ; 0711
                     10  A0  DD 00013          PUSHL    16(R0)
  00000000G  00       01  FB 00016          CALLS    #1, EDT$$TST_BADK
           0A      50  E9 0001D          BLBC     R0, 1$
     00000000G  8F  DD 00020          PUSHL    #EDT$_KEYNOTDEF                                          ; 0713
           62       01  FB 00026          CALLS    #1, EDT$$FMT_MSG
                    04 00029          RET
           50            63  D0 0002A 1$:  MOVL     EDT$$A_EXE_CURCMD, R0                               ; 0717
           7E       08  A0  7D 0002D      MOVQ     8(R0), -(SP)                                         ; 0716
                    10  A0  DD 00031      PUSHL    16(R0)
  00000000G  00       03  FB 00034      CALLS    #3, EDT$$DEFK
           1B      50  E8 0003B      BLBS     STATUS, 2$                                               ; 0719
           50  DD 0003E      PUSHL    STATUS                                                           ; 0722
           62       01  FB 00040      CALLS    #1, EDT$$FMT_MSG
           02 00000000G  00  D1 00043      CMPL     EDT$$G_INP_SRC, #2                                  ; 0727
           0D       12 0004A      BNEQ     2$
     00000000G  8F  DD 0004C      PUSHL    #EDT$_EDITORABO
  00000000G  00       01  FB 00052      CALLS    #1, EDT$$SYS_EXI
                    04 00059 2$:  RET                                                                   ; 0733

; Routine Size:  90 bytes,     Routine Base:  _EDT$CODE + 0000
```

```
: 164          0734 1
: 165          0735 1 !<BLF/PAGE>
```

```
; 167          0736  1 END
; 168          0737  1                                         ! of module EDT$LDEFK
; 169          0738  0 ELUDOM
```

                              PSECT SUMMARY

;   Name   Bytes   Attributes

; _EDT$CODE   90 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

                              Library Statistics

File	-------- Symbols --------			Pages Mapped	Processing Time
	Total	Loaded	Percent		
_255DUA28:[EDT.SRC]EDT.L32;1	377	51	13	40	00:00.2
_255DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

                              COMMAND QUALIFIERS

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

```
; Size:            90 code + 0 data bytes
; Run Time:           00:10.9
; Elapsed Time:       00:13.6
; Lines/CPU Min:      4054
; Lexemes/CPU-Min: 12098
; Memory Used:  75 pages
; Compilation Complete
```

KEYPADDEF
LIS

LDIVISION
LIS

KEYDEFKEY
LIS

KEYFMTSTR
LIS

LDEFK
LIS

LFILL
LIS

KEYCHR
LIS

KEYIMMINP
LIS

LDELETE
LIS

KEYCOM
LIS

KEYPUTCHR
LIS

LCLEAR
LIS

LFCOUNT
LIS

KEYPAD
LIS

LDEFM
LIS

LFLNO
LIS

KEYTRNCHR
LIS