```
EEEEEEEEEEEEEEE   DDDDDDDDDDD         TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD         TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD         TTTTTTTTTTTTTTT
EEE               DDD      DDD              TTT
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
EEE               DDD      DDD              TTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD               TTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD               TTT
EEEEEEEEEEEEEEE   DDDDDDDDDDD               TTT
```

```
  CCCCCCC  HH      HH MM      MM TTTTTTTTTT    AAAAAA   DDDDDDD                JJ
  CCCCCCC  HH      HH MM      MM TTTTTTTTTT    AAAAAA   DDDDDDD                JJ
CC         HH      HH MMMM  MMMM     TT     AA      AA  DD     DD              JJ
CC         HH      HH MMMM  MMMM     TT     AA      AA  DD     DD              JJ
CC         HH      HH MM MM MM MM    TT     AA      AA  DD     DD              JJ
CC         HH      HH MM  MM  MM     TT     AA      AA  DD     DD              JJ
CC         HHHHHHHHHH MM      MM     TT     AA      AA  DD     DD              JJ
CC         HHHHHHHHHH MM      MM     TT     AA      AA  DD     DD              JJ
CC         HH      HH MM      MM     TT     AAAAAAAAAA  DD     DD JJ           JJ
CC         HH      HH MM      MM     TT     AAAAAAAAAA  DD     DD JJ           JJ
CC         HH      HH MM      MM     TT     AA      AA  DD     DD JJ           JJ
CC         HH      HH MM      MM     TT     AA      AA  DD     DD JJ           JJ
  CCCCCCC  HH      HH MM      MM     TT     AA      AA  DDDDDDD    JJJJJ
  CCCCCCC  HH      HH MM      MM     TT     AA      AA  DDDDDDD    JJJJJ
```

```
LL              IIIIII       SSSSSSS
LL              IIIIII       SSSSSSS
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      IIIIII       SSSSSSS
LLLLLLLLLL      IIIIII       SSSSSSS
```

EDT$CHMTADJ - tab adjust

K 13
16-Sep-1984 00:13:29   VAX-11 Bliss-32 V4.0-742   Page 1
14-Sep-1984 12:22:48   DISK$VMSMASTER:[EDT.SRC]CHMTADJ.BLI;1   (1)

**F

```
0001  0 %TITLE 'EDT$CHMTADJ - tab adjust'
0002  0 MODULE EDT$CHMTADJ (                        ! Tab adjust
0003  0                   IDENT = 'V04-000'         ! File: CHMTADJ.BLI Edit: JBS1003
0004  0                   ) =
0005  1 BEGIN
0006  1 !
0007  1 !******************************************************************
0008  1 !*                                                                *
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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 change mode command TADJ.
0037  1 !
0038  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
0039  1 !
0040  1 ! AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0041  1 !
0042  1 ! MODIFIED BY:
0043  1 !
0044  1 ! 1-001 - Original.  DJS 04-Feb-1981.  This module was created by
0045  1 !         extracting the routine EDT$$TADJ_CMD  from module CHANGE.BLI.
0046  1 ! 1-002 - Regularize headers.  JBS 04-Mar-1981
0047  1 ! 1-003 - New screen update logic.  JBS 13-Sep-1982
0048  1 !--
0049  1
```

```
   51    0050  1  %SBTTL 'Declarations'
   52    0051  1  !
   53    0052  1  ! TABLE OF CONTENTS:
   54    0053  1  !
   55    0054  1
   56    0055  1  REQUIRE 'EDTSRC:TRAROUNAM';
   57    0494  1
   58    0495  1  FORWARD ROUTINE
   59    0496  1      EDT$$TADJ_CMD : NOVALUE;                    ! Execute the TADJ command
   60    0497  1
   61    0498  1  !
   62    0499  1  ! INCLUDE FILES:
   63    0500  1  !
   64    0501  1
   65    0502  1  REQUIRE 'EDTSRC:EDTREQ';
   66    0637  1
   67    0638  1  !
   68    0639  1  ! MACROS:
   69    0640  1  !
   70    0641  1  !     NONE
   71    0642  1  !
   72    0643  1  ! EQUATED SYMBOLS:
   73    0644  1  !
   74    0645  1  !     NONE
   75    0646  1  !
   76    0647  1  ! OWN STORAGE:
   77    0648  1  !
   78    0649  1  !     NONE
   79    0650  1  !
   80    0651  1  ! EXTERNAL REFERENCES:
   81    0652  1  !
   82    0653  1  !     In the routine
```

```
  84    0654  1  %SBTTL 'EDT$$TADJ_CMD  - tab adjust'
  85    0655  1
  86    0656  1  GLOBAL ROUTINE EDT$$TADJ_CMD                          ! Tab adjust
  87    0657  1      : NOVALUE =
  88    0658  1
  89    0659  1  !++
  90    0660  1  ! FUNCTIONAL DESCRIPTION:
  91    0661  1  !
  92    0662  1  !        This routine executes the TADJ (tabs adjust) command.
  93    0663  1  !
  94    0664  1  !                Compute the column of the first non-blank non-tab character.
  95    0665  1  !                Strip out all leading spaces and tabs.
  96    0666  1  !                Insert enough tabs and spaces to bring us to column + EDT$$G_TADJ .
  97    0667  1  !
  98    0668  1  ! FORMAL PARAMETERS:
  99    0669  1  !
 100    0670  1  !        NONE
 101    0671  1  !
 102    0672  1  ! IMPLICIT INPUTS:
 103    0673  1  !
 104    0674  1  !        EDT$$G_TAB_SIZ
 105    0675  1  !        EDT$$G_TADJ
 106    0676  1  !        EDT$$T_LN_BUF
 107    0677  1  !        EDT$$A_LN_END
 108    0678  1  !
 109    0679  1  ! IMPLICIT OUTPUTS:
 110    0680  1  !
 111    0681  1  !        NONE
 112    0682  1  !
 113    0683  1  ! ROUTINE VALUE:
 114    0684  1  !
 115    0685  1  !        NONE
 116    0686  1  !
 117    0687  1  ! SIDE EFFECTS:
 118    0688  1  !
 119    0689  1  !        NONE
 120    0690  1  !
 121    0691  1  !--
 122    0692  1
 123    0693  2      BEGIN
 124    0694  2
 125    0695  2      EXTERNAL ROUTINE
 126    0696  2          EDT$$DEL_CHS : NOVALUE,                       ! Delete part of the current line
 127    0697  2          EDT$$MOV_TOCOL,                              ! Insert tabs and spaces
 128    0698  2          EDT$$FMT_CHWID;                             ! Compute character size.
 129    0699  2
 130    0700  2      EXTERNAL
 131    0701  2          EDT$$G_TAB_SIZ,                              ! Structured tab size
 132    0702  2          EDT$$G_TADJ,                                 ! Count for tabs adjust.
 133    0703  2          EDT$$T_LN_BUF,                               ! Current line buffer
 134    0704  2          EDT$$A_LN_END;                               ! End of current line pointer
 135    0705  2
 136    0706  2      LOCAL
 137    0707  2          CP,
 138    0708  2          COL;
 139    0709  2
 140    0710  2      LABEL
```

EDTSCHMTADJ   EDTSCHMTADJ - tab adjust   N 13
V04-000   EDTSSTADJ_CMD - tab adjust   16-Sep-1984 00:13:29   VAX-11 Bliss-32 V4.0-742   Page 4   EDT
                                                             14-Sep-1984 12:22:48   DISK$VMSMASTER:[EDT.SRC]CHMTADJ.BLI;1   (3)   V04

```
  141      0711  2            BL;
  142      0712  2
  143      0713  2            CP = CH$PTR (EDT$ST_LN_BUF);
  144      0714  2            COL = 0;
  145      0715  2  BL :
  146      0716  3            BEGIN
  147      0717  3
  148      0718  3            WHILE 1 DO
  149      0719  4                BEGIN
  150      0720  4
  151      0721  4                IF CH$PTR_EQL (.EDT$$A_LN_END, .CP) THEN LEAVE BL;
  152      0722  4
  153      0723  4                SELECTONE CH$RCHAR_A (CP) OF
  154      0724  4                    SET
  155      0725  4
  156      0726  4                    [%C' '] :
  157      0727  4                        COL = .COL + 1;
  158      0728  4
  159      0729  4                    [ASC_K_TAB] :
  160      0730  4                        COL = .COL + EDT$$FMT_CHWID (ASC_K_TAB, .COL);
  161      0731  4
  162      0732  4                    [OTHERWISE] :
  163      0733  4                        EXITLOOP;
  164      0734  4                    TES;
  165      0735  4
  166      0736  3                END;
  167      0737  3
  168      0738  3            EDT$$DEL_CHS (CH$PTR (EDT$ST_LN_BUF), CH$PLUS (.CP, -1));
  169      0739  3            EDT$$MOV_TOCOL (.COL + .EDT$$G_TADJ*.EDT$$G_TAB_SIZ);
  170      0740  2            END;
  171      0741  1            END;                                          ! of routine EDT$$TADJ_CMD


                                                    .TITLE   EDTSCHMTADJ EDTSCHMTADJ - tab adjust
                                                    .IDENT   \V04-000\

                                                    .EXTRN   EDT$$DEL_CHS, EDT$$MOV_TOCOL
                                                    .EXTRN   EDT$$FMT_CHWID, EDT$$G_TAB_SIZ
                                                    .EXTRN   EDT$$G_TADJ, EDT$ST_LN_BUF
                                                    .EXTRN   EDT$$A_LN_END

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

                            001C 00000              .ENTRY   EDT$$TADJ_CMD, Save R2,R3,R4         ; 0656
        54 00000000G  00  9E 00002                 MOVAB    EDT$ST_LN_BUF, R4
        53           64  9E 00009                   MOVAB    EDT$ST_LN_BUF, CP                    ; 0713
                     52  D4 0000C                   CLRL     COL                                  ; 0714
        53 00000000G  00  D1 0000E 1$:             CMPL     EDT$$A_LN_END, CP                    ; 0721
                     43  13 00015                   BEQL     4$
        50           83  9A 00017                   MOVZBL   (CP)+, R0                            ; 0723
        20           50  91 0001A                   CMPB     R0, #32                             ; 0726
                     04  12 0001D                   BNEQ     2$
                     52  D6 0001F                   INCL     COL                                  ; 0727
                     FB  11 00021                   BRB      1$
        09           50  91 00023 2$:              CMPB     R0, #9                              ; 0729
                     10  12 00026                   BNEQ     3$
                     52  DD 00028                   PUSHL    COL                                  ; 0730
```

EDT$CHMTADJ   EDT$CHMTADJ – tab adjust   B 14
V04-000   EDT$STADJ_CMD – tab adjust   16-Sep-1984 00:13:29   VAX-11 Bliss-32 V4.0-742   Page 5   EDT
                                                        14-Sep-1984 12:22:48   DISK$VMSMASTER:[EDT.SRC]CHMTADJ.BLI;1 (3)   V04

```
                                    09 DD 0002A          PUSHL    #9
              00000000G 00          02 FB 0002C          CALLS    #2, EDT$$FMT_CHWID
                         52         50 C0 00033          ADDL2    R0, COL
                                    D6 11 00036          BRB      1$
                           FF A3 9F 00038 3$:            PUSHAB   -1(CP)                                     : 0738
                                    54 DD 0003B          PUSHL    R4
              00000000G 00          02 FB 0003D          CALLS    #2, EDT$$DEL_CHS
        50 00000000G 00 00000000G 00 C5 00044            MULL3    EDT$$G_TAB_SIZ, EDT$$G_TADJ, R0            : 0739
                                  6042 9F 00050          PUSHAB   (R0)[COL]
              00000000G 00          01 FB 00053          CALLS    #1, EDT$$MOV_TOCOL
                                    04 0005A 4$:         RET                                                 : 0741
```

; Routine Size: 91 bytes,   Routine Base: _EDT$CODE + 0000

; 172   0742 1
; 173   0743 1 !<BLF/PAGE>

```
: 175       0744 1 END                                   ! of module EDT$CHMTADJ
: 176       0745 1
: 177       0746 0 ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
_EDT$CODE	91	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_255DUA28:[EDT.SRC]EDT.L32;1	377	2	0	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$:CHMTADJ/OBJ=OBJ$:CHMTADJ MSRC$:CHMTADJ.BLI/UPDATE=(ENH$:CHMTADJ
        )
```

```
: Size:          91 code + 0 data bytes
: Run Time:          00:10.7
: Elapsed Time:      00:12.4
: Lines/CPU Min:      4198
: Lexemes/CPU-Min: 11572
: Memory Used:  69 pages
: Compilation Complete
```

CHMMRKCHG
LIS

CHMPARSEN
LIS

CHMSELPOS
LIS

CHMSPLLIN
LIS

DATA
LIS

CHMPAREN
LIS

CHMUNDEL
LIS

COMMAND
LIS

CHMONSTR
LIS

CHMSAVPOS
LIS

CHMSCHSTR
LIS

CHMREPOS
LIS

CHMMESS
LIS

CHMPASTE
LIS

CHMSENDEL
LIS

CHMTADJ
LIS

CHMSAVTXT
LIS

CLRKEY
LIS

CHMNEWLEN
LIS

CHMPARSE
LIS

CHMSAVLIN
LIS

CHMSUBS
LIS