```
EEEEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDDD     TTTTTTTTTTTTTTT
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
EEEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
```

EXE

Mod

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SYS
LBR
LIB

FILEID**WFCLEAR

```
WW        WW  FFFFFFFFFF      CCCCCCC   LL            EEEEEEEEEE      AAAAAA     RRRRRRR
WW        WW  FFFFFFFFFF     CCCCCCCC   LL            EEEEEEEEEE      AAAAAA     RRRRRRRR
WW        WW  FF           CC           LL            EE            AA    AA     RR    RR
WW        WW  FF          CC            LL            EE            AA    AA     RR    RR
WW        WW  FF          CC            LL            EE            AA    AA     RR    RR
WW        WW  FFFFFFFF    CC            LL            EEEEEEEE      AA    AA     RRRRRRR
WW        WW  FFFFFFFF    CC            LL            EEEEEEEE      AA    AA     RRRRRRR
WW   WW   WW  FF          CC            LL            EE            AAAAAAAAAA   RR  RR
WW   WW   WW  FF          CC            LL            EE            AAAAAAAAAA   RR  RR
WWWW    WWWW  FF          CC            LL            EE            AA    AA     RR    RR      ....
WWWW    WWWW  FF          CC            LL            EE            AA    AA     RR    RR      ....
WW        WW  FF           CCCCCCCC  LLLLLLLLLL   EEEEEEEEEE      AA    AA     RR    RR       ....
WW        WW  FF           CCCCCCCC  LLLLLLLLLL   EEEEEEEEEE      AA    AA     RR    RR       ....
```

```
LL                IIIIII      SSSSSSSS
LL                IIIIII      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
LLLLLLLLL        IIIIII      SSSSSSSS
LLLLLLLLL        IIIIII      SSSSSSSS
```

```
   1      0001   0  %TITLE 'EDT$WFCLEAR - empty the current buffer'
   2      0002   0  MODULE EDT$WFCLEAR (                                 ! Empty the current buffer
   3      0003   0                      IDENT = 'V04-000'                ! File: WFCLEAR.BLI Edit: JBS1003
   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  !     Empty the current buffer.
  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: October 16, 1978
  41      0041   1  !
  42      0042   1  ! MODIFIED BY:
  43      0043   1  !
  44      0044   1  ! 1-001 - Original.  DJS 23-Feb-1981.  This module was created by
  45      0045   1  !         extracting routine EDT$$WF_CLRBUF  from module EDTWF.
  46      0046   1  ! 1-002 - Regularize headers.  JBS 16-Mar-1981
  47      0047   1  ! 1-003 - Improve the appearance of the listing.  JBS 20-Jun-1983
  48      0048   1  !--
  49      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$$WF_CLRBUF : NOVALUE;
   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$$WF_CLRBUF  - empty the current buffer'
  85    0655   1
  86    0656   1  GLOBAL ROUTINE EDT$$WF_CLRBUF                          ! Empty the current buffer
  87    0657   1     : NOVALUE =
  88    0658   1
  89    0659   1  !++
  90    0660   1  ! FUNCTIONAL DESCRIPTION:
  91    0661   1  !
  92    0662   1  !     Clear the entire current buffer.  The first bucket of the buffer is
  93    0663   1  !     updated to be empty, and, if there is more than one, the rest of the
  94    0664   1  !     bucket is placed on the available bucket list.  Note that since the
  95    0665   1  !     buckets are already linked together, we need only link the last bucket
  96    0666   1  !     in the buffer to the current available bucket, then make avail the
  97    0667   1  !     first bucket we are releasing.
  98    0668   1  !
  99    0669   1  ! FORMAL PARAMETERS:
 100    0670   1  !
 101    0671   1  !     NONE
 102    0672   1  !
 103    0673   1  ! IMPLICIT INPUTS:
 104    0674   1  !
 105    0675   1  !     EDT$$A_CUR_BUF
 106    0676   1  !     EDT$$G_WK_AVAIL
 107    0677   1  !     EDT$$A_WK_BUK
 108    0678   1  !     EDT$$G_WK_CURBUK
 109    0679   1  !     EDT$$L_LNO_ZERO
 110    0680   1  !
 111    0681   1  ! IMPLICIT OUTPUTS:
 112    0682   1  !
 113    0683   1  !     EDT$$G_WK_AVAIL
 114    0684   1  !     EDT$$A_WK_BUK
 115    0685   1  !     EDT$$A_CUR_BUF
 116    0686   1  !     EDT$$G_WK_MODFD
 117    0687   1  !
 118    0688   1  ! ROUTINE VALUE:
 119    0689   1  !
 120    0690   1  !     NONE
 121    0691   1  !
 122    0692   1  ! SIDE EFFECTS:
 123    0693   1  !
 124    0694   1  !     NONE
 125    0695   1  !
 126    0696   1  !--
 127    0697   1
 128    0698   2     BEGIN
 129    0699   2
 130    0700   2     EXTERNAL ROUTINE
 131    0701   2         EDT$$WF_BOT : NOVALUE,
 132    0702   2         EDT$$TOP_BUF : NOVALUE;
 133    0703   2
 134    0704   2     EXTERNAL
 135    0705   2         EDT$$A_CUR_BUF : REF TBCB_BLOCK,           ! Current text buffer control block
 136    0706   2         EDT$$G_WK_AVAIL,                          ! Pointer to next available deleted bucket
 137    0707   2         EDT$$A_WK_BUK :                           ! Pointer to current bucket
 138    0708   2             REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
 139    0709   2         EDT$$G_WK_CURBUK,                         ! Number of the current bucket
 140    0710   2         EDT$$G_WK_MODFD,                         ! Flag indicating bucket was modified
```

EDT$WFCLEAR   EDT$WFCLEAR - empty the current buffer   16-Sep-1984 02:03:35   VAX-11 Bliss-32 V4.0-742   Page 4
V04-000   EDT$$WF_CLRBUF - empty the current buffer   14-Sep-1984 12:25:27   DISK$VMSMASTER:[EDT.SRC]WFCLEAR.BLI;1 (3)

L 4

```
:  141    0711  2            EDT$$L_LNO_ZERO : LN_BLOCK;
:  142    0712  2
:  143    0713  2        EDT$$TOP_BUF ();
:  144    0714  2    !+
:  145    0715  2    ! Release remaining buckets if there are more than one.
:  146    0716  2    !-
:  147    0717  2
:  148    0718  3        IF (.EDT$$A_WK_BUK [WFB_NEXT_BUKT] NEQ 0)
:  149    0719  2        THEN
:  150    0720  2            BEGIN
:  151    0721  3            EDT$$WF_BOT ();
:  152    0722  3            EDT$$A_WK_BUK [WFB_NEXT_BUKT] = .EDT$$G_WK_AVAIL;
:  153    0723  3            EDT$$G_WK_MODFD = T;
:  154    0724  3            EDT$$TOP_BUF ();
:  155    0725  3            EDT$$G_WK_AVAIL = .EDT$$A_WK_BUK [WFB_NEXT_BUKT];
:  156    0726  2            END;
:  157    0727  2
:  158    0728  2        EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = WFB_FIXED_SIZE;
:  159    0729  2        EDT$$A_WK_BUK [WFB_END] = WFB_FIXED_SIZE;
:  160    0730  2        EDT$$A_WK_BUK [WFB_NEXT_BUKT] = 0;
:  161    0731  2        EDT$$G_WK_MODFD = T;
:  162    0732  2        MOVELINE (EDT$$L_LNO_ZERO, EDT$$A_CUR_BUF [TBCB_LINE_COUNT]);
:  163    0733  2        EDT$$A_CUR_BUF [TBCB_CHAR_COUNT] = 0;
:  164    0734  2        EDT$$A_CUR_BUF [TBCB_LAST_BUKT] = .EDT$$G_WK_CURBUK;
:  165    0735  1        END;                                    ! of routine EDT$$WF_CLRBUF


                                    .TITLE  EDT$WFCLEAR EDT$WFCLEAR - empty the current buf
                                                        fer
:                                   .IDENT  \V04-000\

                                    .EXTRN  EDT$$WF_BOT, EDT$$TOP_BUF
                                    .EXTRN  EDT$$A_CUR_BUF, EDT$$G_WK_AVAIL
                                    .EXTRN  EDT$$A_WK_BUK, EDT$$G_WK_CURBUK
                                    .EXTRN  EDT$$G_WK_MODFD
                                    .EXTRN  EDT$$L_LNO_ZERO

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

                   07FC 00000       .ENTRY  EDT$$WF_CLRBUF, Save R2,R3,R4,R5,R6,R7,R8,- : 0656
                                            R9,R10
        5A 00000000G   00  9E 00002  MOVAB   EDT$$TOP_BUF, R10
        59 00000000G   00  9E 00009  MOVAB   EDT$$G_WK_MODFD, R9
        58 00000000G   00  9E 00010  MOVAB   EDT$$G_WK_AVAIL, R8
        57 00000000G   00  9E 00017  MOVAB   EDT$$A_WK_BUK, R7
        6A             00  FB 0001E  CALLS   #0, EDT$$TOP_BUF                            : 0713
        50             67  D0 00021  MOVL    EDT$$A_WK_BUR, R0                           : 0718
                   02  A0  B5 00024  TSTW    2(R0)
                   1B  13 00027      BEQL    1$
    00000000G  00      00  FB 00029  CALLS   #0, EDT$$WF_BOT                             : 0721
        50             67  D0 00030  MOVL    EDT$$A_WK_BUK, R0                           : 0722
        02  A0         68  B0 00033  MOVW    EDT$$G_WK_AVAIL, 2(R0)
        69             01  D0 00037  MOVL    #1, EDT$$G_WK_MODFD                         : 0723
        6A             00  FB 0003A  CALLS   #0, EDT$$TOP_BUF                            : 0724
        50             67  D0 0003D  MOVL    EDT$$A_WK_BUR, R0                           : 0725
        68      02  A0 3C 00040      MOVZWL  2(R0), EDT$$G_WK_AVAIL
        56 00000000G   00  D0 00044 1$:  MOVL  EDT$$A_CUR_BUF, R6                        : 0728
```

```
                              66              08 D0 0004B          MOVL    #8, (R6)
                              50              67 D0 0004E          MOVL    EDT$$A_WK_BUK, R0                        ; 0729
                       04     A0              08 D0 00051          MOVL    #8, 4(R0)
                                        02 A0 B4 00055             CLRW    2(R0)                                   ; 0730
                              69              01 D0 00058          MOVL    #1, EDT$$G_WK_MODFD                      ; 0731
            18    A6 00000000G 00        06 28 0005B              MOVC3   #6, EDT$$L_LNO_ZERO, 24(R6)              ; 0732
                                        1E A6 D4 00064             CLRL    30(R6)                                  ; 0733
            10    A6 00000000G 00           B0 00067              MOVW    EDT$$G_WK_CURBUK, 16(R6)                 ; 0734
                                           04 0006F               RET                                             ; 0735
```

; Routine Size: 112 bytes,   Routine Base: _EDT$CODE + 0000

;   166   0736 1
;   167   0737 1 !<BLF/PAGE>

```
: 169          0738 1 END                                      ! of module EDT$WFCLEAR
: 170          0739 1
: 171          0740 0 ELUDOM
```

PSECT SUMMARY

```
      Name                        Bytes                         Attributes

  _EDT$CODE                           112   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	37	9	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$:WFCLEAR/OBJ=OBJ$:WFCLEAR MSRC$:WFCLEAR.BLI/UPDATE=(ENH$:WFCLEAR
    )
```

```
: Size:           112 code + 0 data bytes
: Run Time:          00:11.5
: Elapsed Time:      00:16.1
: Lines/CPU Min:     3877
: Lexemes/CPU-Min: 11937
: Memory Used:  74 pages
: Compilation Complete
```

VMSMSG
LIS

WFCOPLIN
LIS

USSTRING
LIS

WFSCOPY
LIS

WFDELLIN
LIS

WFGETBKT
LIS

WFOPNBUF
LIS

WFREABCK
LIS

WFREAFWD
LIS

WFSTRINS
LIS

WFAPPBKT
LIS

WFENDINS
LIS

WFRESSEQ
LIS

UGBUFFER
LIS

WFCLEAR
LIS

USSUBS
LIS

WFDELBKT
LIS

WFSPLBKT
LIS

WFLOCLIN
LIS

WFRBUKT
LIS

WFINSLIN
LIS

WFREACUR
LIS

WFREAINP
LIS

WFTOP
LIS

WFREPLIN
LIS

WFBOTTOM
LIS

WFECOPY
LIS