```
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
```

EXE

Mod

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SYS
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LII

```
UU       UU   SSSSSSSS    SSSSSSSS  TTTTTTTTTT  RRRRRRRR    IIIIII   NN      NN   GGGGGGGG
UU       UU   SSSSSSSS    SSSSSSSS  TTTTTTTTTT  RRRRRRRR    IIIIII   NN      NN   GGGGGGGG
UU       UU  SS                SS       TT      RR      RR     II    NN      NN  GG
UU       UU  SS                SS       TT      RR      RR     II    NN      NN  GG
UU       UU  SS                SS       TT      RR      RR     II    NNNN    NN  GG
UU       UU   SSSSSS        SSSSSS      TT      RRRRRRRR       II    NN NN   NN  GG
UU       UU   SSSSSS        SSSSSS      TT      RRRRRRRR       II    NN NN   NN  GG
UU       UU        SS            SS     TT      RR  RR         II    NN   NNNN  GG  GGGGGG
UU       UU        SS            SS     TT      RR   RR        II    NN   NNNN  GG  GGGGGG
UU       UU        SS            SS     TT      RR    RR       II    NN      NN  GG     GG
UU       UU        SS            SS     TT      RR    RR       II    NN      NN  GG     GG
UUUUUUUUUU   SSSSSSSS    SSSSSSSS       TT      RR     RR   IIIIII   NN      NN   GGGGGG
UUUUUUUUUU   SSSSSSSS    SSSSSSSS       TT      RR     RR   IIIIII   NN      NN   GGGGGG

LL           IIIIII     SSSSSSSS
LL           IIIIII     SSSSSSSS
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     SSSSSSSS
LLLLLLLLLL   IIIIII     SSSSSSSS
```

```
    1   0001  0 %TITLE 'EDT$USSTRING - set search string'
    2   0002  0 MODULE EDT$USSTRING (                          ! Set search string
    3   0003  0                 IDENT = 'V04-000'              ! File: USSTRING.BLI Edit: JBS1006
    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.    *
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   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 !       Set up the current search string.
   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: February 7, 1978
   41   0041  1 !
   42   0042  1 ! MODIFIED BY:
   43   0043  1 !
   44   0044  1 ! 1-001 - Original.  DJS 19-FEB-1981.  This module was created by
   45   0045  1 !         extracting routine EDT$$SET_SEASTR  from module UTIL.
   46   0046  1 ! 1-002 - Regularize headers and don't store into the parameter list.  This change
   47   0047  1 !         saves one word on the PDP-11.  JBS 11-Mar-1981
   48   0048  1 ! 1-003 - Change the check for edt$$exct_match to consider wps.  STS 02-Oct-1981
   49   0049  1 ! 1-004 - Add an error return.  JBS 04-May-1982
   50   0050  1 ! 1-005 - Allow 0-length strings.  JBS 05-May-1982
   51   0051  1 ! 1-006 - Don't upcase the search string; the matching condition may be changed
   52   0052  1 !         before the string is used for the last time.  JBS 16-Jul-1982
   53   0053  1 !--
   54   0054  1
```

```
 56      0055  1  %SBTTL 'Declarations'
 57      0056  1  !
 58      0057  1  ! TABLE OF CONTENTS:
 59      0058  1  !
 60      0059  1
 61      0060  1  REQUIRE 'EDTSRC:TRAROUNAM';
 62      0499  1
 63      0500  1  FORWARD ROUTINE
 64      0501  1      EDT$$SET_SEASTR;
 65      0502  1
 66      0503  1  !
 67      0504  1  ! INCLUDE FILES:
 68      0505  1  !
 69      0506  1
 70      0507  1  REQUIRE 'EDTSRC:EDTREQ';
 71      0642  1
 72      0643  1  !
 73      0644  1  ! MACROS:
 74      0645  1  !
 75      0646  1  !      NONE
 76      0647  1  !
 77      0648  1  ! EQUATED SYMBOLS:
 78      0649  1  !
 79      0650  1  !      NONE
 80      0651  1  !
 81      0652  1  ! OWN STORAGE:
 82      0653  1  !
 83      0654  1  !      NONE
 84      0655  1  !
 85      0656  1  ! EXTERNAL REFERENCES:
 86      0657  1  !
 87      0658  1  !      In the routine
```

The
MES

```
 89      0659  1  %SBTTL 'EDT$$SET_SEASTR  - set up search string'
 90      0660  1
 91      0661  1  GLOBAL ROUTINE EDT$$SET_SEASTR (                    ! Set up search string
 92      0662  1      STRING,                                         ! Address of new search string
 93      0663  1      LEN                                             ! Its length
 94      0664  1      ) =
 95      0665  1
 96      0666  1  !++
 97      0667  1  ! FUNCTIONAL DESCRIPTION:
 98      0668  1  !
 99      0669  1  !       This routine sets up the search current search string.  If the parameter
100      0670  1  !       is zero in length, the current search string is kept.
101      0671  1  !
102      0672  1  ! FORMAL PARAMETERS:
103      0673  1  !
104      0674  1  !  STRING                 Pointer to the new search string.
105      0675  1  !
106      0676  1  !  LEN                    Length of the new search string.
107      0677  1  !
108      0678  1  ! IMPLICIT INPUTS:
109      0679  1  !
110      0680  1  !       NONE
111      0681  1  !
112      0682  1  ! IMPLICIT OUTPUTS:
113      0683  1  !
114      0684  1  !       EDT$$T_SEA_STR
115      0685  1  !       EDT$$G_SEA_STRLEN
116      0686  1  !
117      0687  1  ! ROUTINE VALUE:
118      0688  1  !
119      0689  1  !       1 = success
120      0690  1  !       0 = invalid string
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
131      0701  2          EDT$$T_SEA_STR : BLOCK [CH$ALLOCATION (64)],     ! Last search string.
132      0702  2          EDT$$G_SEA_STRLEN;                              ! Length of above.
133      0703  2
134      0704  2      LOCAL
135      0705  2          RET_VALUE;
136      0706  2
137      0707  3      IF ((.LEN GTR 0) AND (.LEN LEQ 64))
138      0708  2      THEN
139      0709  3          BEGIN
140      0710  3          EDT$$CPY_MEM (.LEN, .STRING, EDT$$T_SEA_STR);
141      0711  3          EDT$$G_SEA_STRLEN = .LEN;
142      0712  3          RET_VALUE = 1;
143      0713  3          END
144      0714  2      ELSE
145      0715  2
```

```
:  146            0716  2            IF (.LEN EQL 0) THEN RET_VALUE = 1 ELSE RET_VALUE = 0;
:  147            0717  2
:  148            0718  2            RETURN (.RET_VALUE);
:  149            0719  1            END;                                          ! of routine EDT$$SET_SEASTR


                                                                   .TITLE   EDT$USSTRING EDT$USSTRING - set search string
                                                                   .IDENT   \V04-000\

                                                                   .EXTRN   EDT$$T_SEA_STR, EDT$$G_SEA_STRLEN

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

                                          007C 00000               .ENTRY   EDT$$SET_SEASTR, Save R2,R3,R4,R5,R6    ; 0661
                              56       08  AC   D0 00002            MOVL     LEN, R6                                 ; 0707
                                           1B   15 00006            BLEQ     1$
                      00000040 8F           56   D1 00008            CMPL     R6, #64
                                           12   14 0000F            BGTR     1$
        00000000G 00         04  BC          56   28 00011            MOVC3    R6, aSTRING, EDT$$T_SEA_STR           ; 0710
                   00000000G 00              56   D0 0001A            MOVL     R6, EDT$$G_SEA_STRLEN                 ; 0711
                                           04   11 00021            BRB      2$                                     ; 0712
                                           56   D5 00023 1$:         TSTL     R6                                     ; 0716
                                           04   12 00025            BNEQ     3$
                              50            01   D0 00027 2$:         MOVL     #1, RET_VALUE
                                           04 0002A               RET
                                        50 D4 0002B 3$:            CLRL     RET_VALUE
                                           04 0002D               RET                                              ; 0719

; Routine Size:  46 bytes,    Routine Base: _EDT$CODE + 0000


:  150            0720  1
:  151            0721  1 !<BLF/PAGE>
```

EDT$USSTRING   EDT$USSTRING - set search string   H 2
V04-000   EDT$$SET_SEASTR - set up search string   16-Sep-1984 02:00:53   VAX-11 Bliss-32 V4.0-742   Page 5   EDT
                                                           14-Sep-1984 12:25:21   DISK$VMSMASTER:[EDT.SRC]USSTRING.BLI;1 (4) V04

```
: 153     0722  1 END                                  ! of module EDT$USSTRING
: 154     0723  1
: 155     0724  0 ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
_EDT$CODE	46	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	0	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$:USSTRING/OBJ=OBJ$:USSTRING MSRC$:USSTRING.BLI/UPDATE=(ENH$:USST
    RING)
```

```
Size:          46 code + 0 data bytes
Run Time:          00:09.6
Elapsed Time:      00:11.9
Lines/CPU Min:     4529
Lexemes/CPU-Min: 12462
Memory Used:   59 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

WFSNDINS
LIS

WFRESSCR
LIS

USBUFFER
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