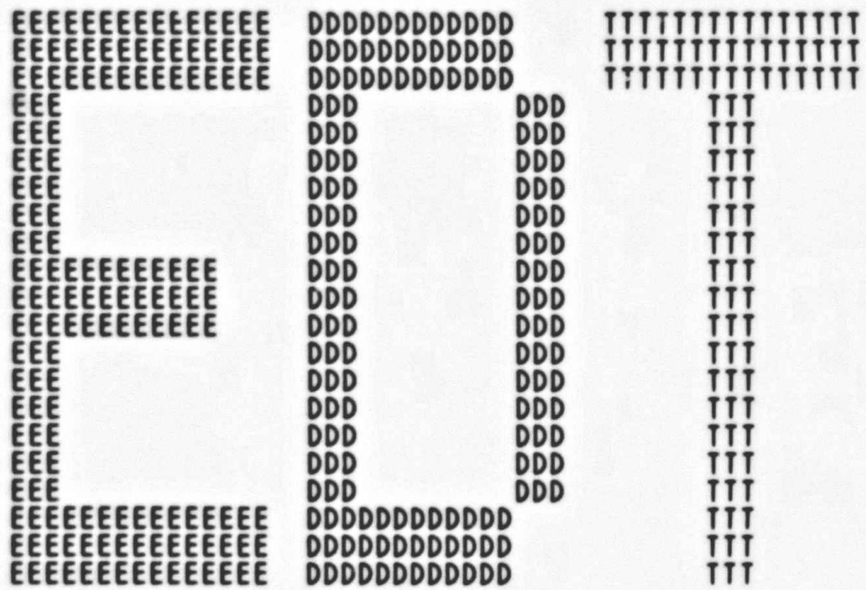
EEEEEEEEEEEEEEE DDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE DDDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE DDDDDDDDDDDD TTTTTTTTTTTTTTTT
EEE DDD DDD TTT
EEE DDD DDD TTT
EEE DDD DDD TTT
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EEEEEEEEEEEEEEE DDDDDDDDDDD TTT
EEEEEEEEEEEEEEE DDDDDDDDDDDD TTT
EEEEEEEEEEEEEEE DDDDDDDDDDDD TTT

FILEID**CHMSCHSTR

E 10

```
  CCCCCCCC  HH      HH  MM      MM    SSSSSSSS    CCCCCCCC  HH      HH    SSSSSSSS  TTTTTTTTTT  RRRRRRRR
  CCCCCCCC  HH      HH  MM      MM    SSSSSSSS    CCCCCCCC  HH      HH    SSSSSSSS  TTTTTTTTTT  RRRRRRRR
CC          HH      HH  MMMM  MMMM  SS          CC          HH      HH  SS              TT      RR      RR
CC          HH      HH  MMMM  MMMM  SS          CC          HH      HH  SS              TT      RR      RR
CC          HH      HH  MM  MM  MM  SS          CC          HH      HH  SS              TT      RR      RR
CC          HH      HH  MM  MM  MM  SS          CC          HH      HH  SS              TT      RR      RR
CC          HHHHHHHHHH  MM      MM    SSSSSS    CC          HHHHHHHHHH    SSSSSS        TT      RRRRRRRR
CC          HHHHHHHHHH  MM      MM    SSSSSS    CC          HHHHHHHHHH    SSSSSS        TT      RRRRRRRR
CC          HH      HH  MM      MM          SS  CC          HH      HH          SS      TT      RR  RR
CC          HH      HH  MM      MM          SS  CC          HH      HH          SS      TT      RR  RR
CC          HH      HH  MM      MM          SS  CC          HH      HH          SS      TT      RR    RR        ....
CC          HH      HH  MM      MM          SS  CC          HH      HH          SS      TT      RR    RR        ....
  CCCCCCCC  HH      HH  MM      MM  SSSSSSSS      CCCCCCCC  HH      HH  SSSSSSSS        TT      RR      RR      ....
  CCCCCCCC  HH      HH  MM      MM  SSSSSSSS      CCCCCCCC  HH      HH  SSSSSSSS        TT      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
LLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLL      IIIIII      SSSSSSSS
```

```
;  1          0001  0 %TITLE 'EDT$CHMSCHSTR - search for a string'
;  2          0002  0 MODULE EDT$CHMSCHSTR (                          ! Search for a string
;  3          0003  0                       IDENT = 'V04-000'                 ! File: CHMSCHSTR.BLI Edit: JBS1009
;  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   *
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; 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 !       This module scans text looking for the 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: Unknown
; 41          0041  1 !
; 42          0042  1 ! MODIFIED BY:
; 43          0043  1 !
; 44          0044  1 ! 1-001 - Original.  DJS 04-Feb-1981.  This module was created by
; 45          0045  1 !         extracting the routine EDT$$STR_SEA  from module CHANGE.BLI.
; 46          0046  1 ! 1-002 - Regularize header.  JBS 03-Mar-1981
; 47          0047  1 ! 1-003 - Don't check for control C so frequently.  JBS 28-Jul-1981
; 48          0048  1 ! 1-004 - Add new WPS search.  STS 05-Oct-1981 (note added 24-May-1982)
; 49          0049  1 ! 1-005 - Set a flag if control C actually aborts something.  JBS 24-May-1982
; 50          0050  1 ! 1-006 - Remove EDT$$A_STR_CMP.  JBS 20-Jul-1982
; 51          0051  1 ! 1-007 - Remove reference to EDT$$TST_CHALFA, it is not used.  JBS 20-Jul-1982
; 52          0052  1 ! 1-008 - Do some work on performance.  JBS 04-Jan-1983
; 53          0053  1 ! 1-009 - Add conditionals for VT220 support.  JBS 11-Feb-1983
; 54          0054  1 !--
; 55          0055  1
```

```
;    57          0056  1 %SBTTL 'Declarations'
;    58          0057  1 !
;    59          0058  1 ! TABLE OF CONTENTS:
;    60          0059  1 !
;    61          0060  1
;    62          0061  1 REQUIRE 'EDTSRC:TRAROUNAM';
;    63          0500  1
;    64          0501  1 FORWARD ROUTINE
;    65          0502  1     EDT$$STR_SEA;
;    66          0503  1
;    67          0504  1 !
;    68          0505  1 ! INCLUDE FILES:
;    69          0506  1 !
;    70          0507  1
;    71          0508  1 REQUIRE 'EDTSRC:EDTREQ';
;    72          0643  1
;    73          0644  1 LIBRARY 'EDTSRC:TRANSLATE';
;    74          0645  1
;    75          0646  1 LIBRARY 'EDTSRC:SUPPORTS';
;    76          0647  1
;    77          0648  1 !
;    78          0649  1 ! MACROS:
;    79          0650  1 !
;    80          0651  1 !       NONE
;    81          0652  1 !
;    82          0653  1 ! EQUATED SYMBOLS:
;    83          0654  1 !
;    84          0655  1 !       NONE
;    85          0656  1 !
;    86          0657  1 ! OWN STORAGE:
;    87          0658  1 !
;    88          0659  1 !       NONE
;    89          0660  1 !
;    90          0661  1 ! EXTERNAL REFERENCES:
;    91          0662  1 !
;    92          0663  1 !       In the routine
```

```
;    94          0664  1 %SBTTL 'EDT$$STR_SEA  - search for a string'
;    95          0665  1
;    96          0666  1 GLOBAL ROUTINE EDT$$STR_SEA (                    ! Search for a string
;    97          0667  1     ADDR,                                        ! Address of the model string
;    98          0668  1     LEN,                                         ! Length of the model string
;    99          0669  1     DIR                                          ! Direction to search
;   100          0670  1     ) =
;   101          0671  1
;   102          0672  1 !++
;   103          0673  1 ! FUNCTIONAL DESCRIPTION:
;   104          0674  1 !
;   105          0675  1 !       Search the text for a given string.
;   106          0676  1 !
;   107          0677  1 ! FORMAL PARAMETERS:
;   108          0678  1 !
;   109          0679  1 !  ADDR                 Address of the string to find
;   110          0680  1 !
;   111          0681  1 !  LEN                  Length of the string to find
;   112          0682  1 !
;   113          0683  1 !  DIR                  Direction in which to search
;   114          0684  1 !
;   115          0685  1 ! IMPLICIT INPUTS:
;   116          0686  1 !
;   117          0687  1 !       EDT$$G_EXCT_MATCH
;   118          0688  1 !       EDT$$A_CUR_BUF
;   119          0689  1 !       EDT$$A_WK_LN
;   120          0690  1 !
;   121          0691  1 ! IMPLICIT OUTPUTS:
;   122          0692  1 !
;   123          0693  1 !       EDT$$A_CUR_BUF
;   124          0694  1 !       EDT$$G_CC_DONE
;   125          0695  1 !
;   126          0696  1 ! ROUTINE VALUE:
;   127          0697  1 !
;   128          0698  1 !       0               Not found
;   129          0699  1 !       1               Found
;   130          0700  1 !       2               Terminated by control C
;   131          0701  1 !
;   132          0702  1 ! SIDE EFFECTS:
;   133          0703  1 !
;   134          0704  1 !       NONE
;   135          0705  1 !
;   136          0706  1 !--
;   137          0707  1
;   138          0708  2     BEGIN
;   139          0709  2
;   140          0710  2     EXTERNAL ROUTINE
;   141          0711  2         EDT$$CHK_CC,                             ! Check to see if a CTRL/C has been typed
;   142          0712  2         EDT$$RD_NXTLN,                           ! Move forward a line
;   143          0713  2         EDT$$RD_PRVLN,                           ! Move backward a line
;   144          0714  2         EDT$$STR_CMP;                            ! Compare two strings of equal length
;   145          0715  2
;   146          0716  2     EXTERNAL
;   147          0717  2         EDT$$G_EXCT_MATCH,                       ! Type of string matching to do
;   148          0718  2         EDT$$A_CUR_BUF : REF TBCB_BLOCK,         ! The current buffer tbcb
;   149          0719  2         EDT$$A_WK_LN : REF LIN_BLOCK,            ! Current line pointer
;   150          0720  2         EDT$$G_CC_DONE;                          ! Set to 1 if control C actually aborted something
```

```
;  151          0721  2
;  152        L 0722  2 %IF SUPPORT_VT220
;  153          0723  2 %THEN
;  154          0724  2
;  155          0725  2     BIND
;  156          0726  2         GENERAL_TABLE = UPLIT (BYTE (CHAR_GENERAL)) : VECTOR [256, BYTE];
;  157          0727  2
;  158          0728  2 %FI
;  159          0729  2
;  160          0730  2     LOCAL
;  161          0731  2         REM,
;  162          0732  2         LP,
;  163          0733  2         LE,
;  164          0734  2         FC,
;  165          0735  2         L_LEN,                                  ! Local copy of length parameter
;  166          0736  2
;  167        L 0737  2 %IF SUPPORT_VT220
;  168          0738  2 %THEN
;  169          0739  2         P_GEN_TABLE : REF VECTOR [256, BYTE];   ! Pointer to table declared above
;  170          0740  2
;  171        U 0741  2 %ELSE
;  172        U 0742  2     TC;
;  173          0743  2 %FI
;  174          0744  2
;  175          0745  2 !+
;  176          0746  2 ! Remember the first character so we can avoid compares
;  177          0747  2 ! when first characters cannot possibly match.
;  178          0748  2 !-
;  179          0749  2     FC = CH$RCHAR (.ADDR);
;  180          0750  2 !+
;  181          0751  2 ! Get a pointer to the translate table, to speed access to it.
;  182          0752  2 !-
;  183          0753  2
;  184        L 0754  2 %IF SUPPORT_VT220
;  185          0755  2 %THEN
;  186          0756  2     P_GEN_TABLE = GENERAL_TABLE [0];
;  187        U 0757  2 %ELSE
;  188        U 0758  2
;  189        U 0759  2     IF ((.FC GEQ %C'a') AND (.FC LEQ %C'z')) THEN FC = .FC - %C'a' + %C'A';
;  190        U 0760  2
;  191          0761  2 %FI
;  192          0762  2
;  193          0763  2 !+
;  194          0764  2 ! Get a local copy of the length parameter, to speed tests of it.
;  195          0765  2 !-
;  196          0766  2     L_LEN = .LEN;
;  197          0767  2 !
;  198          0768  2     LP = CH$PTR (EDT$$A_WK_LN [LIN_TEXT], .EDT$$A_CUR_BUF [TBCB_CHAR_POS]);
;  199          0769  2     LE = CH$PTR (EDT$$A_WK_LN [LIN_TEXT], .EDT$$A_WK_LN [LIN_LENGTH]);
;  200          0770  2
;  201          0771  2     WHILE 1 DO
;  202          0772  3         BEGIN
;  203          0773  3
;  204          0774  4         IF ((REM = CH$DIFF (.LE, .LP)) GEQ .L_LEN)
;  205          0775  3         THEN
;  206          0776  3 !+
;  207          0777  3 ! Perform a quick test for feasibility; this will avoid calling EDT$$STR_CMP for many
```

```
;   208          0778  3 ! non-matches.
;   209          0779  3 !-
;   210          0780  3
;   211        L 0781  3 %IF SUPPORT_VT220
;   212          0782  3 %THEN
;   213          0783  3
;   214          0784  4             IF (.P_GEN_TABLE [CH$RCHAR (.LP)] EQL .P_GEN_TABLE [.FC])
;   215          0785  3             THEN
;   216        U 0786  3 %ELSE
;   217        U 0787  3                 TC = CH$RCHAR (.LP);
;   218        U 0788  3
;   219        U 0789  3         IF ((.TC GEQ %C'a') AND (.TC LEQ %C'z')) THEN TC = .TC - %C'a' + %C'A';
;   220        U 0790  3
;   221        U 0791  3         IF (.TC EQL .FC)
;   222        U 0792  3         THEN
;   223          0793  3 %FI
;   224          0794  3
;   225          0795  3             IF EDT$$STR_CMP (.LP, .ADDR, .L_LEN, .EDT$$G_EXCT_MATCH)
;   226          0796  3             THEN
;   227          0797  4                 BEGIN
;   228          0798  4                 EDT$$A_CUR_BUF [TBCB_CHAR_POS] = CH$DIFF (.LP, CH$PTR (EDT$$A_WK_LN [LIN_TEXT]));
;   229          0799  4                 RETURN (1);
;   230          0800  3                 END;
;   231          0801  3
;   232          0802  4         IF (.DIR EQL DIR_BACKWARD)
;   233          0803  3         THEN
;   234          0804  3
;   235          0805  4             IF (.LP EQL CH$PTR (EDT$$A_WK_LN [LIN_TEXT]))
;   236          0806  3             THEN
;   237          0807  4                 BEGIN
;   238          0808  4
;   239          0809  4                 IF ( NOT EDT$$RD_PRVLN ()) THEN RETURN (0);
;   240          0810  4
;   241          0811  4                 IF EDT$$CHK_CC ()
;   242          0812  4                 THEN
;   243          0813  5                     BEGIN
;   244          0814  5                     EDT$$G_CC_DONE = 1;
;   245          0815  5                     RETURN (2);
;   246          0816  4                     END;
;   247          0817  4
;   248          0818  4                 LP = LE = CH$PTR (EDT$$A_WK_LN [LIN_TEXT], .EDT$$A_WK_LN [LIN_LENGTH]);
;   249          0819  4                 END
;   250          0820  3             ELSE
;   251          0821  3                 LP = CH$PLUS (.LP, -1)
;   252          0822  3
;   253          0823  3         ELSE
;   254          0824  3
;   255          0825  4             IF (.REM LEQ .L_LEN)
;   256          0826  3             THEN
;   257          0827  4                 BEGIN
;   258          0828  4
;   259          0829  4                 IF ( NOT EDT$$RD_NXTLN ()) THEN RETURN (0);
;   260          0830  4
;   261          0831  4                 IF EDT$$CHK_CC ()
;   262          0832  4                 THEN
;   263          0833  5                     BEGIN
;   264          0834  5                     EDT$$G_CC_DONE = 1;
```

```
;  265          0835  5                    RETURN (2);
;  266          0836  4                    END;
;  267          0837  4
;  268          0838  4                LP = CH$PTR (EDT$$A_WK_LN [LIN_TEXT]);
;  269          0839  4                LE = CH$PTR (.LP, .EDT$$A_WK_LN [LIN_LENGTH]);
;  270          0840  4                END
;  271          0841  3            ELSE
;  272          0842  3                LP = CH$PLUS (.LP, 1)
;  273          0843  3
;  274          0844  3            END
;  275          0845  3
;  276          0846  1        END;                                    ! of routine EDT$$STR_SEA


;                                                                      .TITLE  EDT$CHMSCHSTR EDT$CHMSCHSTR - search for a stri
                                                                                       ng
                                                                       .IDENT  \V04-000\
                                                                       .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

0E  0D  0C  0B  0A  09  08  07  06  05  04  03  02  01  00  00000 P.AAA:  .BYTE   0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, - ;
1D  1C  1B  1A  19  18  17  16  15  14  13  12  11  10  0F  0000F                13, 14, 15, 16, 17, 18, 19, 20, 21, 22, - ;
2C  2B  2A  29  28  27  26  25  24  23  22  21  20  1F  1E  0001E                23, 24, 25, 26, 27, 28, 29, 30, 31, 32, - ;
3B  3A  39  38  37  36  35  34  33  32  31  30  2F  2E  2D  0002D                33, 34, 35, 36, 37, 38, 39, 40, 41, 42, - ;
4A  49  48  47  46  45  44  43  42  41  40  3F  3E  3D  3C  0003C                43, 44, 45, 46, 47, 48, 49, 50, 51, 52, - ;
59  58  57  56  55  54  53  52  51  50  4F  4E  4D  4C  4B  0004B                53, 54, 55, 56, 57, 58, 59, 60, 61, 62, - ;
48  47  46  45  44  43  42  41  60  5F  5E  5D  5C  5B  5A  0005A                63, 64, 65, 66, 67, 68, 69, 70, 71, 72, - ;
57  56  55  54  53  52  51  50  4F  4E  4D  4C  4B  4A  49  00069                73, 74, 75, 76, 77, 78, 79, 80, 81, 82, - ;
86  85  84  83  82  81  80  7F  7E  7D  7C  7B  5A  59  58  00078                83, 84, 85, 86, 87, 88, 89, 90, 91, 92, - ;
95  94  93  92  91  90  8F  8E  8D  8C  8B  8A  89  88  87  00087                93, 94, 95, 96, 65, 66, 67, 68, 69, 70, - ;
A4  A3  A2  A1  A0  9F  9E  9D  9C  9B  9A  99  98  97  96  00096                71, 72, 73, 74, 75, 76, 77, 78, 79, 80, - ;
B3  B2  B1  B0  AF  AE  AD  AC  AB  AA  A9  A8  A7  A6  A5  000A5                81, 82, 83, 84, 85, 86, 87, 88, 89, 90, - ;
41  41  41  BF  BE  BD  BC  BB  BA  B9  B8  B7  B6  B5  B4  000B4                123, 124, 125, 126, 127, -128, -127, - ;
4E  D0  49  49  49  49  45  45  45  45  43  C6  41  41  41  000C3                -126, -125, -124, -123, -122, -121, -120, - ;
41  DF  DE  59  55  55  55  55  4F  D7  4F  4F  4F  4F  4F  000D2                -119, -118, -117, -116, -115, -114, -113, - ;
49  49  49  49  45  45  45  45  43  C6  41  41  41  41  41  000E1                -112, -111, -110, -109, -108, -107, -106, - ;
FE  59  55  55  55  55  4F  D7  4F  4F  4F  4F  4F  4E  F0  000F0                -105, -104, -103, -102, -101, -100, -99, - ;
                                                        FF  000FF                -98, -97, -96, -95, -94, -93, -92, -91, - ;
                                                                                 -90, -89, -88, -87, -86, -85, -84, -83, - ;
                                                                                 -82, -81, -80, -79, -78, -77, -76, -75, - ;
                                                                                 -74, -73, -72, -71, -70, -69, -68, -67, - ;
                                                                                 -66, -65, 65, 65, 65, 65, 65, 65, -58, - ;
                                                                                 67, 69, 69, 69, 69, 73, 73, 73, 73, -48, - ;
                                                                                 78, 79, 79, 79, 79, 79, -41, 79, 85, 85, - ;
                                                                                 85, 85, 89, -34, -33, 65, 65, 65, 65, 65, - ;
                                                                                 65, -58, 67, 69, 69, 69, 69, 73, 73, 73, - ;
                                                                                 73, -16, 78, 79, 79, 79, 79, 79, -41, 79, - ;
                                                                                 85, 85, 85, 85, 89, -2, -1                  ;

                                                    GENERAL_TABLE=      P.AAA
                                                                       .EXTRN  EDT$$CHK_CC, EDT$$RD_NXTLN
                                                                       .EXTRN  EDT$$RD_PRVLN, EDT$$STR_CMP
                                                                       .EXTRN  EDT$$G_EXCT_MATCH
                                                                       .EXTRN  EDT$$A_CUR_BUF, EDT$$A_WK_LN
                                                                       .EXTRN  EDT$$G_CC_DONE

                                                07FC 00000             .ENTRY  EDT$$STR_SEA, Save R2,R3,R4,R5,R6,R7,R8,R9,-; 0666
```

```
                                                                  R10                                        ;
                 5A 00000000G   00   9E 00002         MOVAB      EDT$$CHK_CC, R10                            ;
                 59 00000000G   00   9E 00009         MOVAB      EDT$$A_CUR_BUF, R9                          ;
                 58 00000000G   00   9E 00010         MOVAB      EDT$$A_WK_LN, R8                            ;
                 57         04  BC   9A 00017         MOVZBL     @ADDR, FC                                   ; 0749
                 54       FEE1  CF   9E 0001B         MOVAB      GENERAL_TABLE, P_GEN_TABLE                  ; 0756
                 56         08  AC   D0 00020         MOVL       LEN, L_LEN                                  ; 0766
                 51             68   D0 00024         MOVL       EDT$$A_WK_LN, R1                            ; 0768
                 50             69   D0 00027         MOVL       EDT$$A_CUR_BUF, R0                          ;
                 53         0C  A0   3C 0002A         MOVZWL     12(R0), R3                                  ;
                 53             51   C0 0002E         ADDL2      R1, R3                                      ;
                 52         07  A3   9E 00031         MOVAB      7(R3), LP                                   ;
                 50             61   9A 00035         MOVZBL     (R1), R0                                    ; 0769
                 51             50   C0 00038         ADDL2      R0, R1                                      ;
                 53         07  A1   9E 0003B         MOVAB      7(R1), LE                                   ;
      55         53             52   C3 0003F  1$:    SUBL3      LP, LE, REM                                 ; 0774
                 56             55   D1 00043         CMPL       REM, L_LEN                                  ;
                                31   19 00046         BLSS       2$                                          ;
                 50             62   9A 00048         MOVZBL     (LP), R0                                    ; 0784
               6744           6044   91 0004B         CMPB       (R0)[P_GEN_TABLE], (FC)[P_GEN_TABLE]        ;
                                27   12 00050         BNEQ       2$                                          ;
                    00000000G   00   DD 00052         PUSHL      EDT$$G_EXCT_MATCH                           ; 0795
                                56   DD 00058         PUSHL      L_LEN                                       ;
                            04  AC   DD 0005A         PUSHL      ADDR                                        ;
                                52   DD 0005D         PUSHL      LP                                          ;
       00000000G 00             04   FB 0005F         CALLS      #4, EDT$$STR_CMP                            ;
                 10             50   E9 00066         BLBC       R0, 2$                                      ;
                 50             69   D0 00069         MOVL       EDT$$A_CUR_BUF, R0                          ; 0798
      51         52             68   C3 0006C         SUBL3      EDT$$A_WK_LN, LP, R1                        ;
   0C A0         51             07   A3 00070         SUBW3      #7, R1, 12(R0)                              ;
                 50             01   D0 00075         MOVL       #1, R0                                      ; 0799
                                     04 00078         RET                                                    ;
                            0C  AC   D5 00079  2$:    TSTL       DIR                                         ; 0802
                                2F   12 0007C         BNEQ       5$                                          ;
      50         68             07   C1 0007E         ADDL3      #7, EDT$$A_WK_LN, R0                        ; 0805
                 50             52   D1 00082         CMPL       LP, R0                                      ;
                                22   12 00085         BNEQ       4$                                          ;
       00000000G 00             00   FB 00087         CALLS      #0, EDT$$RD_PRVLN                           ; 0809
                 2B             50   E9 0008E         BLBC       R0, 6$                                      ;
                 6A             00   FB 00091         CALLS      #0, EDT$$CHK_CC                             ; 0811
                 2E             50   E8 00094         BLBS       R0, 8$                                      ;
                 50             68   D0 00097         MOVL       EDT$$A_WK_LN, R0                            ; 0818
                 51             60   9A 0009A         MOVZBL     (R0), R1                                    ;
                 50             51   C0 0009D         ADDL2      R1, R0                                      ;
                 53         07  A0   9E 000A0         MOVAB      7(R0), LE                                   ;
                 52             53   D0 000A4         MOVL       LE, LP                                      ;
                                96   11 000A7  3$:    BRB        1$                                          ; 0805
                                52   D7 000A9  4$:    DECL       LP                                          ; 0821
                                92   11 000AB         BRB        1$                                          ; 0805
                 56             55   D1 000AD  5$:    CMPL       REM, L_LEN                                  ; 0825
                                2D   14 000B0         BGTR       10$                                         ;
       00000000G 00             00   FB 000B2         CALLS      #0, EDT$$RD_NXTLN                           ; 0829
                 03             50   E8 000B9         BLBS       R0, 7$                                      ;
                                50   D4 000BC  6$:    CLRL       R0                                          ;
                                     04 000BE         RET                                                    ;
                 6A             00   FB 000BF  7$:    CALLS      #0, EDT$$CHK_CC                             ; 0831
                 0B             50   E9 000C2         BLBC       R0, 9$                                      ;
```

```
                 00000000G  00            01  D0 000C5 8$:    MOVL    #1, EDT$$G_CC_DONE                  ; 0834
                            50            02  D0 000CC        MOVL    #2, R0                              ; 0835
                                          04  000CF          RET                                         ;
                            50            68  D0 000D0 9$:    MOVL    EDT$$A_WK_LN, R0                    ; 0838
                            52        07  A0  9E 000D3        MOVAB   7(R0), LP                           ;
                            53            60  9A 000D7        MOVZBL  (R0), LE                            ; 0839
                            53            52  C0 000DA        ADDL2   LP, LE                              ;
                                          C8  11 000DD        BRB     3$                                  ; 0825
                                          52  D6 000DF 10$:    INCL    LP                                  ; 0842
                                          C4  11 000E1        BRB     3$                                  ; 0802

; Routine Size:  227 bytes,    Routine Base:  _EDT$CODE + 0100

;  277          0847  1
;  278          0848  1 !<BLF/PAGE>
```

```
;  280          0849  1 END                                   ! of module EDT$CHMSCHSTR
;  281          0850  1
;  282          0851  0 ELUDOM



;                                  PSECT SUMMARY
;
;       Name                    Bytes                           Attributes
;
;  _EDT$CODE                        483  NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)



;                                Library Statistics
;
;                                          --------  Symbols  --------      Pages       Processing
;       File                               Total     Loaded   Percent       Mapped      Time
;
;  _$255$DUA28:[EDT.SRC]EDT.L32;1            377         33         8           40        00:00.2
;  _$255$DUA28:[EDT.SRC]PSECTS.L32;1           2          1        50            7        00:00.1
;  _$255$DUA28:[EDT.SRC]TRANSLATE.L32;1        6          1        16           57        00:00.1
;  _$255$DUA28:[EDT.SRC]SUPPORTS.L32;1         2          1        50            5        00:00.1



;                                    COMMAND QUALIFIERS

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

; Size:          227 code + 256 data bytes
; Run Time:        00:19.2
; Elapsed Time:    00:22.7
; Lines/CPU Min:    2653
; Lexemes/CPU-Min: 12258
; Memory Used:  139 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