```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    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  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
```

```
  CCCCCCCC  HH      HH  MM      MM  KK      KK  EEEEEEEEEE  YY      YY  WW      WW  RRRRRRRR    DDDDDDDD
  CCCCCCCC  HH      HH  MM      MM  KK      KK  EEEEEEEEEE  YY      YY  WW      WW  RRRRRRRR    DDDDDDDD
CC          HH      HH  MMMM  MMMM  KK      KK  EE          YY      YY  WW      WW  RR      RR  DD      DD
CC          HH      HH  MMMM  MMMM  KK      KK  EE          YY      YY  WW      WW  RR      RR  DD      DD
CC          HH      HH  MM  MM  MM  KK    KK    EE            YY  YY    WW      WW  RR      RR  DD      DD
CC          HH      HH  MM  MM  MM  KK    KK    EE            YY  YY    WW      WW  RR      RR  DD      DD
CC          HHHHHHHHHH  MM      MM  KKKKKK      EEEEEEEE        YY      WW      WW  RRRRRRRR    DD      DD
CC          HHHHHHHHHH  MM      MM  KKKKKK      EEEEEEEE        YY      WW      WW  RRRRRRRR    DD      DD
CC          HH      HH  MM      MM  KK    KK    EE              YY      WW  WW  WW  RR  RR      DD      DD
CC          HH      HH  MM      MM  KK    KK    EE              YY      WW  WW  WW  RR  RR      DD      DD
CC          HH      HH  MM      MM  KK      KK  EE              YY      WWWW  WWWW  RR    RR    DD      DD      ....
  CCCCCCCC  HH      HH  MM      MM  KK      KK  EEEEEEEEEE      YY      WW      WW  RR      RR  DDDDDDDD        ....
  CCCCCCCC  HH      HH  MM      MM  KK      KK  EEEEEEEEEE      YY      WW      WW  RR      RR  DDDDDDDD        ....

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$CHMKEYWRD - look for a keyword'
;     2          0002  0 MODULE EDT$CHMKEYWRD (                          ! Look for a keyword
;     3          0003  0                       IDENT = 'V04-000'          ! File: CHMKEYWRD.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   *
;    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 !       This module compares the command buffer contents to a table
;    37          0037  1 !       of keywords.
;    38          0038  1 !
;    39          0039  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
;    40          0040  1 !
;    41          0041  1 ! AUTHOR: Bob Kushlis, CREATION DATE: Unknown
;    42          0042  1 !
;    43          0043  1 ! MODIFIED BY:
;    44          0044  1 !
;    45          0045  1 ! 1-001 - Original.  DJS 04-Feb-1981.  This module was created by
;    46          0046  1 !       extracting the routine EDT$$KWORD  from module CHANGE.BLI.
;    47          0047  1 ! 1-002 - Regularize headers.  JBS 03-Mar-1981
;    48          0048  1 ! 1-004 - Change to a table arranged alphabetically. STS 21-Sep-1982
;    49          0049  1 ! 1-005 - Move the keywords here from EDT$CHMPARSE, to reduce the program
;    50          0050  1 !         size on the PDP-11.  Also, put an underscore in the entry point name.  JBS 29-Sep-1982
;    51          0051  1 ! 1-006 - Accept lower case letters as equivalent to upper case, and improve error
;    52          0052  1 !         checking.  JBS 01-Oct-1982
;    53          0053  1 ! 1-007 - Make this routine position-independent.  JBS 01-Oct-1982
;    54          0054  1 ! 1-008 - Add conditionals for WPS and VT220.  JBS 10-Feb-1983
;    55          0055  1 ! 1-009 - Don't forget the SUPPORTS library.  JBS 11-Feb-1983
;    56          0056  1 !--
;    57          0057  1
```

```
;    59          0058  1 %SBTTL 'Declarations'
;    60          0059  1 !
;    61          0060  1 ! TABLE OF CONTENTS:
;    62          0061  1 !
;    63          0062  1
;    64          0063  1 REQUIRE 'EDTSRC:TRAROUNAM';
;    65          0502  1
;    66          0503  1 FORWARD ROUTINE
;    67          0504  1     EDT$$KEY_WORD : NOVALUE;                    ! Compare the command buffer contents to a table of keywords
;    68          0505  1
;    69          0506  1 !
;    70          0507  1 ! INCLUDE FILES:
;    71          0508  1 !
;    72          0509  1
;    73          0510  1 REQUIRE 'EDTSRC:EDTREQ';
;    74          0645  1
;    75          0646  1 LIBRARY 'EDTSRC:TRANSLATE';
;    76          0647  1
;    77          0648  1 LIBRARY 'EDTSRC:SUPPORTS';
;    78          0649  1
;    79          0650  1 !
;    80          0651  1 ! MACROS:
;    81          0652  1 !
;    82          0653  1 !       NONE
;    83          0654  1 !
;    84          0655  1 ! EQUATED SYMBOLS:
;    85          0656  1 !
;    86          0657  1
;    87          0658  1 FIELD
;    88          0659  1     KEY_WORD_FIELD =
;    89          0660  1         SET
;    90          0661  1         KEY_WORD_NEXT = [0, 0, %BPADDR, 0],
;    91          0662  1         KEY_WORD_NUM = [%BPADDR/8, 0, 8, 0],
;    92          0663  1         KEY_WORD_LEN = [(%BPADDR/8), 8, 8, 0],
;    93          0664  1         KEY_WORD_POINTER = [(%BPADDR/8) + 2, 0, %BPADDR, 0]
;    94          0665  1         TES;
;    95          0666  1
;    96          0667  1 !
;    97          0668  1 ! OWN STORAGE:
;    98          0669  1 !                                                                                                        000
;    99          0670  1 !+                                                                                                       000
;   100          0671  1 ! Define the keywords used to make up change mode sub-commands.                                          000
;   101          0672  1 !
;   102          0673  1 ! Each record in this table contains a address pointer to the next keyword
;   103          0674  1 ! with this alphabetic character  the value of the keyword, its length,
;   104          0675  1 ! and the ASCII characters which comprise it.
;   105          0676  1 !
;   106          0677  1 ! The table is a concatenation of keyword entries.  Each
;   107          0678  1 ! consists of a pointer to the next keyword to examine if
;   108          0679  1 ! this one should fail, a keyword number byte, length byte,
;   109          0680  1 ! and the ASCII text for the keyword.  A 0 length byte
;   110          0681  1 ! marks the end of the table.  Letters in keywords are
;   111          0682  1 ! all upper case.
;   112          0683  1 !-
;   113          0684  1
;   114          0685  1 BIND
;   115          0686  1     ADDR_BASE = UPLIT (0),
```

```
;  116     0687  1     END_VERBS = UPLIT (
;  117     0688  1         0,                  BYTE(0),        BYTE(0),        0),
;  118     0689  1     ASC_VERB = UPLIT (
;  119     0690  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_ASC),      BYTE(3),        BYTE('ASC')),
;  120     0691  1     ADV_VERB = UPLIT (
;  121     0692  1         ASC_VERB - ADDR_BASE,   BYTE(VERB_K_ADV),      BYTE(3),        BYTE('ADV')),
;  122     0693  1     A_VERBS = UPLIT (
;  123     0694  1         ADV_VERB - ADDR_BASE,   BYTE(VERB_K_APPEND),   BYTE(6),        BYTE('APPEND')),
;  124     0695  1     BELL_VERB = UPLIT (
;  125     0696  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_BELL),     BYTE(4),        BYTE('BELL')),
;  126     0697  1     B_VERBS = UPLIT (
;  127     0698  1         BELL_VERB - ADDR_BASE,  BYTE(VERB_K_BACK),     BYTE(4),        BYTE('BACK')),
;  128     0699  1     CUT_VERB = UPLIT (
;  129     0700  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_CUT),      BYTE(3),        BYTE('CUT')),
;  130     0701  1     CLSS_VERB = UPLIT (
;  131     0702  1         CUT_VERB - ADDR_BASE,   BYTE(VERB_K_CLSS),     BYTE(4),        BYTE('CLSS')),
;  132     0703  1     CHGL_VERB = UPLIT (
;  133     0704  1         CLSS_VERB - ADDR_BASE,  BYTE(VERB_K_CHGL),     BYTE(4),        BYTE('CHGL')),
;  134     0705  1     CHGU_VERB = UPLIT (
;  135     0706  1         CHGL_VERB - ADDR_BASE,  BYTE(VERB_K_CHGU),     BYTE(4),        BYTE('CHGU')),
;  136     0707  1     C_VERBS = UPLIT (
;  137     0708  1         CHGU_VERB - ADDR_BASE,  BYTE(VERB_K_CHGC),     BYTE(4),        BYTE('CHGC')),
;  138     0709  1     D_VERB = UPLIT (
;  139     0710  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_DELETE),   BYTE(1),        BYTE('D')),
;  140     0711  1     DUPC_VERB = UPLIT (
;  141     0712  1         D_VERB - ADDR_BASE,     BYTE(VERB_K_DUPC),     BYTE(4),        BYTE('DUPC')),
;  142     0713  1     DMOV_VERB = UPLIT (
;  143     0714  1         DUPC_VERB - ADDR_BASE,  BYTE(VERB_K_DMOV),     BYTE(4),        BYTE('DMOV')),
;  144     0715  1     DLWC_VERB = UPLIT (
;  145     0716  1         DMOV_VERB - ADDR_BASE,  BYTE(VERB_K_DLWC),     BYTE(4),        BYTE('DLWC')),
;  146     0717  1     DEFK_VERB = UPLIT (
;  147     0718  1         DLWC_VERB - ADDR_BASE,  BYTE(VERB_K_DEFK),     BYTE(4),        BYTE('DEFK')),
;  148     0719  1     DATE_VERB = UPLIT (
;  149     0720  1         DEFK_VERB - ADDR_BASE,  BYTE(VERB_K_DATE),     BYTE(4),        BYTE('DATE')),
;  150     0721  1     D_VERBS = UPLIT (
;  151     0722  1         DATE_VERB - ADDR_BASE,  BYTE(VERB_K_DESEL),    BYTE(5),        BYTE('DESEL')),
;  152     0723  1     EX_VERB = UPLIT (
;  153     0724  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_EXIT),     BYTE(2),        BYTE('EX')),
;  154     0725  1     E_VERBS = UPLIT (
;  155     0726  1         EX_VERB - ADDR_BASE,    BYTE(VERB_K_EXT),      BYTE(3),        BYTE('EXT')),
;  156     0727  1     F_VERBS = UPLIT (
;  157     0728  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_FILL),     BYTE(4),        BYTE('FILL')),
;  158     0729  1     H_VERBS = UPLIT (
;  159     0730  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_HELP),     BYTE(4),        BYTE('HELP')),
;  160     0731  1     I_VERBS = UPLIT (
;  161     0732  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_INSERT),   BYTE(1),        BYTE('I')),
;  162     0733  1     K_VERBS = UPLIT (
;  163     0734  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_KS),       BYTE(2),        BYTE('KS')),
;  164     0735  1     P_VERBS = UPLIT (
;  165     0736  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_PASTE),    BYTE(5),        BYTE('PASTE')),
;  166     0737  1     Q_VERBS = UPLIT (
;  167     0738  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_QUIT),     BYTE(4),        BYTE('QUIT')),
;  168     0739  1     R_VERB = UPLIT (
;  169     0740  1         END_VERBS - ADDR_BASE,  BYTE(VERB_K_REPLACE),  BYTE(1),        BYTE('R')),
;  170     0741  1     R_VERBS = UPLIT (
;  171     0742  1         R_VERB - ADDR_BASE,     BYTE(VERB_K_REF),      BYTE(3),        BYTE('REF')),
;  172     0743  1     S_VERB = UPLIT (
```

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;  173          0744  1          END_VERBS - ADDR_BASE,  BYTE(VERB_K_SUBS),      BYTE(1),        BYTE('S')),
;  174          0745  1      SN_VERB = UPLIT (
;  175          0746  1          S_VERB - ADDR_BASE,    BYTE(VERB_K_SN),        BYTE(2),        BYTE('SN')),
;  176          0747  1      SHR_VERB = UPLIT (
;  177          0748  1          SN_VERB - ADDR_BASE,   BYTE(VERB_K_SHR),       BYTE(3),        BYTE('SHR')),
;  178          0749  1      SHL_VERB = UPLIT (
;  179          0750  1          SHR_VERB - ADDR_BASE,  BYTE(VERB_K_SHL),       BYTE(3),        BYTE('SHL')),
;  180          0751  1      SEL_VERB = UPLIT (
;  181          0752  1          SHL_VERB - ADDR_BASE,  BYTE(VERB_K_SEL),       BYTE(3),        BYTE('SEL')),
;  182          0753  1      S_VERBS = UPLIT (
;  183          0754  1          SEL_VERB - ADDR_BASE,  BYTE(VERB_K_SSEL),      BYTE(4),        BYTE('SSEL')),
;  184          0755  1      TI_VERB = UPLIT (
;  185          0756  1          END_VERBS - ADDR_BASE, BYTE(VERB_K_TI),        BYTE(2),        BYTE('TI')),
;  186          0757  1      TD_VERB = UPLIT (
;  187          0758  1          TI_VERB - ADDR_BASE,   BYTE(VERB_K_TD),        BYTE(2),        BYTE('TD')),
;  188          0759  1      TC_VERB = UPLIT (
;  189          0760  1          TD_VERB - ADDR_BASE,   BYTE(VERB_K_TC),        BYTE(2),        BYTE('TC')),
;  190          0761  1      TOP_VERB = UPLIT (
;  191          0762  1          TC_VERB - ADDR_BASE,   BYTE(VERB_K_TOP),       BYTE(3),        BYTE('TOP')),
;  192          0763  1      TAB_VERB = UPLIT (
;  193          0764  1          TOP_VERB - ADDR_BASE,  BYTE(VERB_K_TAB),       BYTE(3),        BYTE('TAB')),
;  194          0765  1      TADJ_VERB = UPLIT (
;  195          0766  1          TAB_VERB - ADDR_BASE,  BYTE(VERB_K_TADJ),      BYTE(4),        BYTE('TADJ')),
;  196          0767  1      T_VERBS = UPLIT (
;  197          0768  1          TADJ_VERB - ADDR_BASE, BYTE(VERB_K_TGSEL),     BYTE(5),        BYTE('TGSEL')),
;  198          0769  1      UNDW_VERB = UPLIT (
;  199          0770  1          END_VERBS - ADDR_BASE, BYTE(VERB_K_UNDW),      BYTE(4),        BYTE('UNDW')),
;  200          0771  1      UNDL_VERB = UPLIT (
;  201          0772  1          UNDW_VERB - ADDR_BASE, BYTE(VERB_K_UNDL),      BYTE(4),        BYTE('UNDL')),
;  202          0773  1      U_VERBS = UPLIT (
;  203          0774  1          UNDL_VERB - ADDR_BASE, BYTE(VERB_K_UNDC),      BYTE(4),        BYTE('UNDC')),
;  204          0775  1      X_VERBS = UPLIT (
;  205          0776  1          END_VERBS - ADDR_BASE, BYTE(VERB_K_XLATE),     BYTE(5),        BYTE('XLATE')),
;  206          0777  1      CARET_VERB = UPLIT (
;  207          0778  1          END_VERBS - ADDR_BASE, BYTE(VERB_K_CC),        BYTE(1),        BYTE('^'));
;  208          0779  1
;  209          0780  1  BIND
;  210          0781  1      VERB_TABLE = UPLIT (
;  211          0782  1          A_VERBS - ADDR_BASE,
;  212          0783  1          B_VERBS - ADDR_BASE,
;  213          0784  1          C_VERBS - ADDR_BASE,
;  214          0785  1          D_VERBS - ADDR_BASE,
;  215          0786  1          E_VERBS - ADDR_BASE,
;  216          0787  1          F_VERBS - ADDR_BASE,
;  217          0788  1          END_VERBS - ADDR_BASE,
;  218          0789  1          H_VERBS - ADDR_BASE,
;  219          0790  1          I_VERBS - ADDR_BASE,
;  220          0791  1          END_VERBS - ADDR_BASE,
;  221          0792  1          K_VERBS - ADDR_BASE,
;  222          0793  1          END_VERBS - ADDR_BASE,
;  223          0794  1          END_VERBS - ADDR_BASE,
;  224          0795  1          END_VERBS - ADDR_BASE,
;  225          0796  1          END_VERBS - ADDR_BASE,
;  226          0797  1          P_VERBS - ADDR_BASE,
;  227          0798  1          Q_VERBS - ADDR_BASE,
;  228          0799  1          R_VERBS - ADDR_BASE,
;  229          0800  1          S_VERBS - ADDR_BASE,
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;  230          0801  1          T_VERBS - ADDR_BASE,
;  231          0802  1          U_VERBS - ADDR_BASE,
;  232          0803  1          END_VERBS - ADDR_BASE,
;  233          0804  1          END_VERBS - ADDR_BASE,
;  234          0805  1          X_VERBS - ADDR_BASE,
;  235          0806  1          END_VERBS - ADDR_BASE,
;  236          0807  1          END_VERBS - ADDR_BASE,
;  237          0808  1          END_VERBS - ADDR_BASE,
;  238          0809  1          END_VERBS - ADDR_BASE,
;  239          0810  1          END_VERBS - ADDR_BASE,
;  240          0811  1          CARET_VERB - ADDR_BASE);
;  241          0812  1
;  242          0813  1 !+
;  243          0814  1 ! The following are keywords which are entities.
;  244          0815  1 !
;  245          0816  1 ! The values must be separated by two so we can add the direction to
;  246          0817  1 ! the entity for use as a case index.
;  247          0818  1 !-
;  248          0819  1
;  249          0820  1 BIND
;  250          0821  1     END_ENTITY = UPLIT (
;  251          0822  1     0,          BYTE(0),        BYTE(0),        0),
;  252          0823  1     BW_ENT = UPLIT (
;  253          0824  1         END_ENTITY - ADDR_BASE, BYTE(ENT_K_BW),         BYTE(2),        BYTE('BW')),
;  254          0825  1     BR_ENT = UPLIT (
;  255          0826  1         BW_ENT - ADDR_BASE,     BYTE(ENT_K_BR),         BYTE(2),        BYTE('BR')),
;  256          0827  1     BL_ENT = UPLIT (
;  257          0828  1         BR_ENT - ADDR_BASE,     BYTE(ENT_K_BL),         BYTE(2),        BYTE('BL')),
;  258          0829  1     BPAR_ENT = UPLIT (
;  259          0830  1         BL_ENT - ADDR_BASE,     BYTE(ENT_K_BPAR),       BYTE(4),        BYTE('BPAR')),
;  260          0831  1     BSEN_ENT = UPLIT (
;  261          0832  1         BPAR_ENT - ADDR_BASE,   BYTE(ENT_K_BSEN),       BYTE(4),        BYTE('BSEN')),
;  262          0833  1     B_ENTS = UPLIT (
;  263          0834  1         BSEN_ENT - ADDR_BASE,   BYTE(ENT_K_BPAGE),      BYTE(5),        BYTE('BPAGE')),
;  264          0835  1     C_ENTS = UPLIT (
;  265          0836  1         END_ENTITY - ADDR_BASE, BYTE(ENT_K_CHAR),       BYTE(1),        BYTE('C')),
;  266          0837  1     EW_ENT = UPLIT (
;  267          0838  1         END_ENTITY - ADDR_BASE, BYTE(ENT_K_EW),         BYTE(2),        BYTE('EW')),
;  268          0839  1     EL_ENT = UPLIT (
;  269          0840  1         EW_ENT - ADDR_BASE,     BYTE(ENT_K_EL),         BYTE(2),        BYTE('EL')),
;  270          0841  1     ER_ENT = UPLIT (
;  271          0842  1         EL_ENT - ADDR_BASE,     BYTE(ENT_K_ER),         BYTE(2),        BYTE('ER')),
;  272          0843  1     EPAR_ENT = UPLIT (
;  273          0844  1         ER_ENT - ADDR_BASE,     BYTE(ENT_K_EPAR),       BYTE(4),        BYTE('EPAR')),
;  274          0845  1     ESEN_ENT = UPLIT (
;  275          0846  1         EPAR_ENT - ADDR_BASE,   BYTE(ENT_K_ESEN),       BYTE(4),        BYTE('ESEN')),
;  276          0847  1     E_ENTS = UPLIT (
;  277          0848  1         ESEN_ENT - ADDR_BASE,   BYTE(ENT_K_EPAGE),      BYTE(5),        BYTE('EPAGE')),
;  278          0849  1     L_ENTS = UPLIT (
;  279          0850  1         END_ENTITY - ADDR_BASE, BYTE(ENT_K_LINE),       BYTE(1),        BYTE('L')),
;  280          0851  1     N_ENTS = UPLIT (
;  281          0852  1         END_ENTITY - ADDR_BASE, BYTE(ENT_K_NL),         BYTE(2),        BYTE('NL')),
;  282          0853  1     PAR_ENT = UPLIT (
;  283          0854  1         END_ENTITY - ADDR_BASE, BYTE(ENT_K_PAR),        BYTE(3),        BYTE('PAR')),
;  284          0855  1     P_ENTS = UPLIT (
;  285          0856  1         PAR_ENT - ADDR_BASE,    BYTE(ENT_K_PAGE),       BYTE(4),        BYTE('PAGE')),
;  286          0857  1     SR_ENT = UPLIT (
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;  287          0858  1          END_ENTITY - ADDR_BASE, BYTE(ENT_K_SR),         BYTE(2),        BYTE('SR')),
;  288          0859  1      S_ENTS = UPLIT (
;  289          0860  1          SR_ENT - ADDR_BASE,     BYTE(ENT_K_SEN),        BYTE(3),        BYTE('SEN')),
;  290          0861  1      V_ENTS = UPLIT (
;  291          0862  1          END_ENTITY - ADDR_BASE, BYTE(ENT_K_VERT),       BYTE(1),        BYTE('V')),
;  292          0863  1      W_ENTS = UPLIT (
;  293          0864  1          END_ENTITY - ADDR_BASE, BYTE(ENT_K_WORD),       BYTE(1),        BYTE('W'));
;  294          0865  1
;  295          0866  1  BIND
;  296          0867  1      ENTITY_TABLE = UPLIT (
;  297          0868  1          B_ENTS - ADDR_BASE,
;  298          0869  1          C_ENTS - ADDR_BASE,
;  299          0870  1          END_ENTITY - ADDR_BASE,
;  300          0871  1          E_ENTS - ADDR_BASE,
;  301          0872  1          END_ENTITY - ADDR_BASE,
;  302          0873  1          END_ENTITY - ADDR_BASE,
;  303          0874  1          END_ENTITY - ADDR_BASE,
;  304          0875  1          END_ENTITY - ADDR_BASE,
;  305          0876  1          END_ENTITY - ADDR_BASE,
;  306          0877  1          END_ENTITY - ADDR_BASE,
;  307          0878  1          L_ENTS - ADDR_BASE,
;  308          0879  1          END_ENTITY - ADDR_BASE,
;  309          0880  1          N_ENTS - ADDR_BASE,
;  310          0881  1          END_ENTITY - ADDR_BASE,
;  311          0882  1          P_ENTS - ADDR_BASE,
;  312          0883  1          END_ENTITY - ADDR_BASE,
;  313          0884  1          END_ENTITY - ADDR_BASE,
;  314          0885  1          S_ENTS - ADDR_BASE,
;  315          0886  1          END_ENTITY - ADDR_BASE,
;  316          0887  1          END_ENTITY - ADDR_BASE,
;  317          0888  1          V_ENTS - ADDR_BASE,
;  318          0889  1          W_ENTS - ADDR_BASE);
;  319          0890  1
;  320          0891  1  !
;  321          0892  1  ! EXTERNAL REFERENCES:
;  322          0893  1  !
;  323          0894  1  !          In the routine
```

```
;  325          0895  1 %SBTTL 'EDT$$KEY_WORD  - look for a key word'
;  326          0896  1
;  327          0897  1 GLOBAL ROUTINE EDT$$KEY_WORD (                    ! Look for a key word
;  328          0898  1     TABLE_NO,                                      ! 1 = verb table, 2 = entity table
;  329          0899  1     KEY_NUM                                        ! Key number
;  330          0900  1     ) : NOVALUE =
;  331          0901  1
;  332          0902  1 !++
;  333          0903  1 ! FUNCTIONAL DESCRIPTION:
;  334          0904  1 !
;  335          0905  1 !       This routine scans a table of keywords, attempting to find a match
;  336          0906  1 !       in the current command buffer pointed to by EDT$$A_CMD_BUF.
;  337          0907  1 !       The comparison is case blind.
;  338          0908  1 !
;  339          0909  1 ! FORMAL PARAMETERS:
;  340          0910  1 !
;  341          0911  1 !  TABLE_NO             The number of the keyword table to use.  1 = use the
;  342          0912  1 !                       verb table, 2 = use the entity table.
;  343          0913  1 !
;  344          0914  1 !  KEY_NUM              The returned value for the number of the entity or
;  345          0915  1 !                       verb which matched from the table.  Zero indicates
;  346          0916  1 !                       no match.
;  347          0917  1 !
;  348          0918  1 ! IMPLICIT INPUTS:
;  349          0919  1 !
;  350          0920  1 !       EDT$$A_CMD_END
;  351          0921  1 !       EDT$$A_CMD_BUF
;  352          0922  1 !
;  353          0923  1 ! IMPLICIT OUTPUTS:
;  354          0924  1 !
;  355          0925  1 !       EDT$$A_CMD_BUF
;  356          0926  1 !
;  357          0927  1 ! ROUTINE VALUE:
;  358          0928  1 !
;  359          0929  1 !       NONE
;  360          0930  1 !
;  361          0931  1 ! SIDE EFFECTS:
;  362          0932  1 !
;  363          0933  1 !       NONE
;  364          0934  1 !
;  365          0935  1 !--
;  366          0936  1
;  367          0937  2     BEGIN
;  368          0938  2
;  369          0939  2     EXTERNAL
;  370          0940  2
;  371        L 0941  2 %IF SUPPORT_VT220
;  372          0942  2 %THEN
;  373          0943  2         EDT$$B_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE],  ! Information about each character
;  374          0944  2 %FI
;  375          0945  2
;  376          0946  2         EDT$$A_CMD_END,                            ! End of command pointer
;  377          0947  2         EDT$$A_CMD_BUF;                            ! Command string pointer
;  378          0948  2
;  379          0949  2     LOCAL
;  380          0950  2         KW_POINTER,
;  381          0951  2         FIRST_CHAR,
```

```
;  382          0952  2          TABLE_OFFSET,
;  383          0953  2          FOUND,
;  384          0954  2          TABLE,
;  385          0955  2          TABLE_PTR : REF BLOCK [, BYTE] FIELD (KEY_WORD_FIELD),
;  386          0956  2          C_POINTER;
;  387          0957  2
;  388          0958  2      .KEY_NUM = 0;
;  389          0959  2      C_POINTER = .EDT$$A_CMD_BUF;
;  390          0960  2      FIRST_CHAR = CH$RCHAR_A (C_POINTER);
;  391          0961  2
;  392        L 0962  2 %IF SUPPORT_VT220
;  393          0963  2 %THEN
;  394          0964  2
;  395          0965  2      IF .EDT$$B_CHAR_INFO [.FIRST_CHAR, 0, 0, 1, 0] THEN FIRST_CHAR = .FIRST_CHAR - %C'a' + %C'A';
;  396          0966  2
;  397        U 0967  2 %ELSE
;  398        U 0968  2
;  399        U 0969  2      IF ((.FIRST_CHAR GEQ %C'a') AND (.FIRST_CHAR LEQ %C'z')) THEN FIRST_CHAR = .FIRST_CHAR - %C'a' + %C'A';
;  400        U 0970  2
;  401          0971  2 %FI
;  402          0972  2
;  403          0973  2      CASE .TABLE_NO FROM 1 TO 2 OF
;  404          0974  2          SET
;  405          0975  2
;  406          0976  2          [1] :
;  407          0977  3              BEGIN
;  408          0978  3
;  409          0979  3              IF ((.FIRST_CHAR LSS %C'A') OR (.FIRST_CHAR GTR %C'^')) THEN RETURN;
;  410          0980  3
;  411          0981  3              TABLE = VERB_TABLE;
;  412          0982  3              TABLE_OFFSET = (.FIRST_CHAR - %C'A')*(%BPADDR/8);
;  413          0983  3              TABLE_PTR = .(.TABLE + .TABLE_OFFSET) + ADDR_BASE;
;  414          0984  2              END;
;  415          0985  2
;  416          0986  2          [2] :
;  417          0987  3              BEGIN
;  418          0988  3
;  419          0989  3              IF ((.FIRST_CHAR LSS %C'B') OR (.FIRST_CHAR GTR %C'W')) THEN RETURN;
;  420          0990  3
;  421          0991  3              TABLE = ENTITY_TABLE;
;  422          0992  3              TABLE_OFFSET = (.FIRST_CHAR - %C'B')*(%BPADDR/8);
;  423          0993  3              TABLE_PTR = .(.TABLE + .TABLE_OFFSET) + ADDR_BASE;
;  424          0994  2              END;
;  425          0995  2
;  426          0996  2          [OUTRANGE] :
;  427          0997  2              ASSERT (0);
;  428          0998  2          TES;
;  429          0999  2
;  430          1000  2      WHILE (.TABLE_PTR [KEY_WORD_LEN] NEQ 0) DO
;  431          1001  3          BEGIN
;  432          1002  3          KW_POINTER = TABLE_PTR [KEY_WORD_POINTER];
;  433          1003  3          C_POINTER = .EDT$$A_CMD_BUF;
;  434          1004  3          FOUND = 1;
;  435          1005  3
;  436          1006  4          IF CH$PTR_LEQ (CH$PLUS (.C_POINTER, .TABLE_PTR [KEY_WORD_LEN]), .EDT$$A_CMD_END)
;  437          1007  3          THEN
;  438          1008  4              BEGIN
```

```
;  439          1009  4
;  440          1010  4              INCR I FROM 1 TO .TABLE_PTR [KEY_WORD_LEN] DO
;  441          1011  5                  BEGIN
;  442          1012  5
;  443          1013  5                  LOCAL
;  444          1014  5                      CHAR;
;  445          1015  5
;  446          1016  5                  CHAR = CH$RCHAR_A (C_POINTER);
;  447          1017  5
;  448        L 1018  5 %IF SUPPORT_VT220
;  449          1019  5 %THEN
;  450          1020  5
;  451          1021  5                  IF .EDT$$B_CHAR_INFO [.CHAR, 0, 0, 1, 0] THEN CHAR = .CHAR - %C'a' + %C'A';
;  452          1022  5
;  453        U 1023  5 %ELSE
;  454        U 1024  5
;  455        U 1025  5                  IF ((.CHAR GEQ %C'a') AND (.CHAR LEQ %C'z')) THEN CHAR = .CHAR - %C'a' + %C'A';
;  456        U 1026  5
;  457          1027  5 %FI
;  458          1028  5
;  459          1029  5                  IF (.CHAR NEQ CH$RCHAR_A (KW_POINTER)) THEN FOUND = 0;
;  460          1030  5
;  461          1031  4                  END;
;  462          1032  4
;  463          1033  4              IF .FOUND
;  464          1034  4              THEN
;  465          1035  5                  BEGIN
;  466          1036  5                  .KEY_NUM = .TABLE_PTR [KEY_WORD_NUM];
;  467          1037  5 !+
;  468          1038  5 ! Skip over the keyword.
;  469          1039  5 !-
;  470          1040  5                  EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, .TABLE_PTR [KEY_WORD_LEN]);
;  471          1041  5                  RETURN;
;  472          1042  4                  END;
;  473          1043  4
;  474          1044  3              END;
;  475          1045  3
;  476          1046  3          TABLE_PTR = .TABLE_PTR [KEY_WORD_NEXT] + ADDR_BASE;
;  477          1047  2          END;
;  478          1048  2
;  479          1049  2      RETURN;
;  480          1050  1      END;                                    ! of routine EDT$$KEY_WORD

                                                                     .TITLE  EDT$CHMKEYWRD EDT$CHMKEYWRD - look for a keywor
;                                                                                                                        d
                                                                     .IDENT  \V04-000\
                                                                     .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                                    00000000  00000 P.AAA:  .LONG   0                                    ;
                                                    00000000  00004 P.AAB:  .LONG   0                                    ;
                                                          00  00008         .BYTE   0                                    ;
                                                          00  00009         .BYTE   0                                    ;
                                                    00000000  0000A         .LONG   0                                    ;
                                                              0000E         .BLKB   2
                                                    00000004  00010 P.AAC:  .LONG   4                                    ;
```

```
                                                 1B  00014          .BYTE   27                                          ;
                                                 03  00015          .BYTE   3                                           ;
                                           43 53 41  00016          .ASCII  \ASC\                                       ;
                                                     00019          .BLKB   3                                           ;
                                             00000010  0001C P.AAD: .LONG   16                                          ;
                                                   16  00020          .BYTE   22                                          ;
                                                   03  00021          .BYTE   3                                           ;
                                           56 44 41    00022          .ASCII  \ADV\                                       ;
                                                     00025          .BLKB   3                                           ;
                                             0000001C  00028 P.AAE: .LONG   28                                          ;
                                                   0A  0002C          .BYTE   10                                          ;
                                                   06  0002D          .BYTE   6                                           ;
                                     44 4E 45 50 50 41 0002E          .ASCII  \APPEND\                                    ;
                                             00000004  00034 P.AAF: .LONG   4                                           ;
                                                   26  00038          .BYTE   38                                          ;
                                                   04  00039          .BYTE   4                                           ;
                                           4C 4C 45 42 0003A          .ASCII  \BELL\                                      ;
                                                     0003E          .BLKB   2                                           ;
                                             00000034  00040 P.AAG: .LONG   52                                          ;
                                                   17  00044          .BYTE   23                                          ;
                                                   04  00045          .BYTE   4                                           ;
                                           4B 43 41 42 00046          .ASCII  \BACK\                                      ;
                                                     0004A          .BLKB   2                                           ;
                                             00000004  0004C P.AAH: .LONG   4                                           ;
                                                   09  00050          .BYTE   9                                           ;
                                                   03  00051          .BYTE   3                                           ;
                                           54 55 43    00052          .ASCII  \CUT\                                       ;
                                                     00055          .BLKB   3                                           ;
                                             0000004C  00058 P.AAI: .LONG   76                                          ;
                                                   2D  0005C          .BYTE   45                                          ;
                                                   04  0005D          .BYTE   4                                           ;
                                     53 53 4C 43 0005E          .ASCII  \CLSS\                                      ;
                                                     00062          .BLKB   2                                           ;
                                             00000058  00064 P.AAJ: .LONG   88                                          ;
                                                   05  00068          .BYTE   5                                           ;
                                                   04  00069          .BYTE   4                                           ;
                                     4C 47 48 43 0006A          .ASCII  \CHGL\                                      ;
                                                     0006E          .BLKB   2                                           ;
                                             00000064  00070 P.AAK: .LONG   100                                         ;
                                                   04  00074          .BYTE   4                                           ;
                                                   04  00075          .BYTE   4                                           ;
                                     55 47 48 43 00076          .ASCII  \CHGU\                                      ;
                                                     0007A          .BLKB   2                                           ;
                                             00000070  0007C P.AAL: .LONG   112                                         ;
                                                   03  00080          .BYTE   3                                           ;
                                                   04  00081          .BYTE   4                                           ;
                                     43 47 48 43 00082          .ASCII  \CHGC\                                      ;
                                                     00086          .BLKB   2                                           ;
                                             00000004  00088 P.AAM: .LONG   4                                           ;
                                                   01  0008C          .BYTE   1                                           ;
                                                   01  0008D          .BYTE   1                                           ;
                                                   44  0008E          .ASCII  \D\                                         ;
                                                     0008F          .BLKB   1                                           ;
                                             00000088  00090 P.AAN: .LONG   136                                         ;
                                                   28  00094          .BYTE   40                                          ;
                                                   04  00095          .BYTE   4                                           ;
                                     43 50 55 44 00096          .ASCII  \DUPC\                                      ;
```

```
                                 0009A                  .BLKB   2
                00000090         0009C P.AAO:           .LONG   144
                      2A         000A0                  .BYTE   42
                      04         000A1                  .BYTE   4
             56 4F 4D 44         000A2                  .ASCII  \DMOV\
                                 000A6                  .BLKB   2
                0000009C         000A8 P.AAP:           .LONG   156
                      29         000AC                  .BYTE   41
                      04         000AD                  .BYTE   4
             43 57 4C 44         000AE                  .ASCII  \DLWC\
                                 000B2                  .BLKB   2
                000000A8         000B4 P.AAQ:           .LONG   168
                      25         000B8                  .BYTE   37
                      04         000B9                  .BYTE   4
             4B 46 45 44         000BA                  .ASCII  \DEFK\
                                 000BE                  .BLKB   2
                000000B4         000C0 P.AAR:           .LONG   180
                      27         000C4                  .BYTE   39
                      04         000C5                  .BYTE   4
             45 54 41 44         000C6                  .ASCII  \DATE\
                                 000CA                  .BLKB   2
                000000C0         000CC P.AAS:           .LONG   192
                      2B         000D0                  .BYTE   43
                      05         000D1                  .BYTE   5
          4C 45 53 45 44         000D2                  .ASCII  \DESEL\
                                 000D7                  .BLKB   1
                00000004         000D8 P.AAT:           .LONG   4
                      11         000DC                  .BYTE   17
                      02         000DD                  .BYTE   2
                   58 45         000DE                  .ASCII  \EX\
                000000D8         000E0 P.AAU:           .LONG   216
                      23         000E4                  .BYTE   35
                      03         000E5                  .BYTE   3
             54 58 45            000E6                  .ASCII  \EXT\
                                 000E9                  .BLKB   3
                00000004         000EC P.AAV:           .LONG   4
                      07         000F0                  .BYTE   7
                      04         000F1                  .BYTE   4
          4C 4C 49 46            000F2                  .ASCII  \FILL\
                                 000F6                  .BLKB   2
                00000004         000F8 P.AAW:           .LONG   4
                      1A         000FC                  .BYTE   26
                      04         000FD                  .BYTE   4
          50 4C 45 48            000FE                  .ASCII  \HELP\
                                 00102                  .BLKB   2
                00000004         00104 P.AAX:           .LONG   4
                      0E         00108                  .BYTE   14
                      01         00109                  .BYTE   1
                      49         0010A                  .ASCII  \I\
                                 0010B                  .BLKB   1
                00000004         0010C P.AAY:           .LONG   4
                      24         00110                  .BYTE   36
                      02         00111                  .BYTE   2
                   53 4B         00112                  .ASCII  \KS\
                00000004         00114 P.AAZ:           .LONG   4
                      0D         00118                  .BYTE   13
                      05         00119                  .BYTE   5
```

```
                                45  54  53  41  50  0011A           .ASCII  \PASTE\                                 ;
                                                    0011F           .BLKB   1                                       ;
                                      00000004      00120 P.ABA:    .LONG   4                                       ;
                                            1C      00124           .BYTE   28                                      ;
                                            04      00125           .BYTE   4                                       ;
                                    54  49  55  51  00126           .ASCII  \QUIT\                                  ;
                                                    0012A           .BLKB   2                                       ;
                                      00000004      0012C P.ABB:    .LONG   4                                       ;
                                            02      00130           .BYTE   2                                       ;
                                            01      00131           .BYTE   1                                       ;
                                            52      00132           .ASCII  \R\                                     ;
                                                    00133           .BLKB   1                                       ;
                                      0000012C      00134 P.ABC:    .LONG   300                                     ;
                                            18      00138           .BYTE   24                                      ;
                                            03      00139           .BYTE   3                                       ;
                                    46  45  52      0013A           .ASCII  \REF\                                   ;
                                                    0013D           .BLKB   3                                       ;
                                      00000004      00140 P.ABD:    .LONG   4                                       ;
                                            0C      00144           .BYTE   12                                      ;
                                            01      00145           .BYTE   1                                       ;
                                            53      00146           .ASCII  \S\                                     ;
                                                    00147           .BLKB   1                                       ;
                                      00000140      00148 P.ABE:    .LONG   320                                     ;
                                            12      0014C           .BYTE   18                                      ;
                                            02      0014D           .BYTE   2                                       ;
                                          4E  53    0014E           .ASCII  \SN\                                    ;
                                      00000148      00150 P.ABF:    .LONG   328                                     ;
                                            1E      00154           .BYTE   30                                      ;
                                            03      00155           .BYTE   3                                       ;
                                    52  48  53      00156           .ASCII  \SHR\                                   ;
                                                    00159           .BLKB   3                                       ;
                                      00000150      0015C P.ABG:    .LONG   336                                     ;
                                            1D      00160           .BYTE   29                                      ;
                                            03      00161           .BYTE   3                                       ;
                                4C  48  53          00162           .ASCII  \SHL\                                   ;
                                                    00165           .BLKB   3                                       ;
                                      0000015C      00168 P.ABH:    .LONG   348                                     ;
                                            0B      0016C           .BYTE   11                                      ;
                                            03      0016D           .BYTE   3                                       ;
                                4C  45  53          0016E           .ASCII  \SEL\                                   ;
                                                    00171           .BLKB   3                                       ;
                                      00000168      00174 P.ABI:    .LONG   360                                     ;
                                            06      00178           .BYTE   6                                       ;
                                            04      00179           .BYTE   4                                       ;
                            4C  45  53  53          0017A           .ASCII  \SSEL\                                  ;
                                                    0017E           .BLKB   2                                       ;
                                      00000004      00180 P.ABJ:    .LONG   4                                       ;
                                            22      00184           .BYTE   34                                      ;
                                            02      00185           .BYTE   2                                       ;
                                          49  54    00186           .ASCII  \TI\                                    ;
                                      00000180      00188 P.ABK:    .LONG   384                                     ;
                                            21      0018C           .BYTE   33                                      ;
                                            02      0018D           .BYTE   2                                       ;
                                          44  54    0018E           .ASCII  \TD\                                    ;
                                      00000188      00190 P.ABL:    .LONG   392                                     ;
                                            20      00194           .BYTE   32                                      ;
                                            02      00195           .BYTE   2                                       ;
```

```
                                                  43 54  00196          .ASCII  \TC\                                          ;
                                               00000190  00198 P.ABM:   .LONG   400                                           ;
                                                     19  0019C          .BYTE   25                                            ;
                                                     03  0019D          .BYTE   3                                             ;
                                               50 4F 54  0019E          .ASCII  \TOP\                                         ;
                                                         001A1          .BLKB   3
                                               00000198  001A4 P.ABN:   .LONG   408                                           ;
                                                     1F  001A8          .BYTE   31                                            ;
                                                     03  001A9          .BYTE   3                                             ;
                                               42 41 54  001AA          .ASCII  \TAB\                                         ;
                                                         001AD          .BLKB   3
                                               000001A4  001B0 P.ABO:   .LONG   420                                           ;
                                                     08  001B4          .BYTE   8                                             ;
                                                     04  001B5          .BYTE   4                                             ;
                                            4A 44 41 54  001B6          .ASCII  \TADJ\                                        ;
                                                         001BA          .BLKB   2
                                               000001B0  001BC P.ABP:   .LONG   432                                           ;
                                                     2C  001C0          .BYTE   44                                            ;
                                                     05  001C1          .BYTE   5                                             ;
                                         4C 45 53 47 54  001C2          .ASCII  \TGSEL\                                       ;
                                                         001C7          .BLKB   1
                                               00000004  001C8 P.ABQ:   .LONG   4                                             ;
                                                     14  001CC          .BYTE   20                                            ;
                                                     04  001CD          .BYTE   4                                             ;
                                            57 44 4E 55  001CE          .ASCII  \UNDW\                                        ;
                                                         001D2          .BLKB   2
                                               000001C8  001D4 P.ABR:   .LONG   456                                           ;
                                                     15  001D8          .BYTE   21                                            ;
                                                     04  001D9          .BYTE   4                                             ;
                                            4C 44 4E 55  001DA          .ASCII  \UNDL\                                        ;
                                                         001DE          .BLKB   2
                                               000001D4  001E0 P.ABS:   .LONG   468                                           ;
                                                     13  001E4          .BYTE   19                                            ;
                                                     04  001E5          .BYTE   4                                             ;
                                            43 44 4E 55  001E6          .ASCII  \UNDC\                                        ;
                                                         001EA          .BLKB   2
                                               00000004  001EC P.ABT:   .LONG   4                                             ;
                                                     0F  001F0          .BYTE   15                                            ;
                                                     05  001F1          .BYTE   5                                             ;
                                         45 54 41 4C 58  001F2          .ASCII  \XLATE\                                       ;
                                                         001F7          .BLKB   1
                                               00000004  001F8 P.ABU:   .LONG   4                                             ;
                                                     10  001FC          .BYTE   16                                            ;
                                                     01  001FD          .BYTE   1                                             ;
                                                     5E  001FE          .ASCII  \^\                                           ;
                                                         001FF          .BLKB   1
000000EC 000000E0 000000CC 0000007C 00000040 00000028  00200 P.ABV:   .LONG   40, 64, 124, 204, 224, 236, 4, 248, 260, -   ;
00000004 0000010C 00000004 00000104 000000F8 00000004  00218                  4, 268, 4, 4, 4, 4, 276, 288, 308, 372, -    ;
00000134 00000120 00000114 00000004 00000004 00000004  00230                  444, 480, 4, 4, 492, 4, 4, 4, 4, 4, 504      ;
000001EC 00000004 00000004 000001E0 000001BC 00000174  00248                                                               ;
000001F8 00000004 00000004 00000004 00000004 00000004  00260                                                               ;
                                               00000000  00278 P.ABW:   .LONG   0                                             ;
                                                     00  0027C          .BYTE   0                                             ;
                                                     00  0027D          .BYTE   0                                             ;
                                               00000000  0027E          .LONG   0                                             ;
                                                         00282          .BLKB   2
                                               00000278  00284 P.ABX:   .LONG   632                                           ;
```

```
                                        05  00288          .BYTE   5
                                        02  00289          .BYTE   2
                                     57 42  0028A          .ASCII  \BW\
                                00000284   0028C P.ABY:    .LONG   644
                                        25  00290          .BYTE   37
                                        02  00291          .BYTE   2
                                     52 42  00292          .ASCII  \BR\
                                0000028C   00294 P.ABZ.    .LONG   652
                                        0B  00298          .BYTE   11
                                        02  00299          .BYTE   2
                                     4C 42  0029A          .ASCII  \BL\
                                00000294   0029C P.ACA:    .LONG   660
                                        1B  002A0          .BYTE   27
                                        04  002A1          .BYTE   4
                                  52 41 50 42  002A2       .ASCII  \BPAR\
                                               002A6       .BLKB   2
                                00000029C  002A8 P.ACB:    .LONG   668
                                        15  002AC          .BYTE   21
                                        04  002AD          .BYTE   4
                                  4E 45 53 42  002AE       .ASCII  \BSEN\
                                               002B2       .BLKB   2
                                000002A8   002B4 P.ACC:    .LONG   680
                                        21  002B8          .BYTE   33
                                        05  002B9          .BYTE   5
                               45 47 41 50 42  002BA       .ASCII  \BPAGE\
                                               002BF       .BLKB   1
                                00000278   002C0 P.ACD:    .LONG   632
                                        01  002C4          .BYTE   1
                                        01  002C5          .BYTE   1
                                        43  002C6          .ASCII  \C\
                                               002C7       .BLKB   1
                                00000278   002C8 P.ACE:    .LONG   632
                                        07  002CC          .BYTE   7
                                        02  002CD          .BYTE   2
                                     57 45  002CE          .ASCII  \EW\
                                000002C8   002D0 P.ACF:    .LONG   712
                                        11  002D4          .BYTE   17
                                        02  002D5          .BYTE   2
                                     4C 45  002D6          .ASCII  \EL\
                                000002D0   002D8 P.ACG:    .LONG   720
                                        27  002DC          .BYTE   39
                                        02  002DD          .BYTE   2
                                     52 45  002DE          .ASCII  \ER\
                                000002D8   002E0 P.ACH:    .LONG   728
                                        1D  002E4          .BYTE   29
                                        04  002E5          .BYTE   4
                                  52 41 50 45  002E6       .ASCII  \EPAR\
                                               002EA       .BLKB   2
                                000002E0   002EC P.ACI:    .LONG   736
                                        17  002F0          .BYTE   23
                                        04  002F1          .BYTE   4
                                  4E 45 53 45  002F2       .ASCII  \ESEN\
                                               002F6       .BLKB   2
                                000002EC   002F8 P.ACJ:    .LONG   748
                                        23  002FC          .BYTE   35
                                        05  002FD          .BYTE   5
                               45 47 41 50 45  002FE       .ASCII  \EPAGE\
```

```
                                                00303                .BLKB   1
                                       00000278 00304 P.ACK:         .LONG   632
                                             09 00308                .BYTE   9
                                             01 00309                .BYTE   1
                                             4C 0030A                .ASCII  \L\
                                                0030B                .BLKB   1
                                       00000278 0030C P.ACL:         .LONG   632
                                             0D 00310                .BYTE   13
                                             02 00311                .BYTE   2
                                          4C 4E 00312                .ASCII  \NL\
                                       00000278 00314 P.ACM:         .LONG   632
                                             19 00318                .BYTE   25
                                             03 00319                .BYTE   3
                                       52 41 50 0031A                .ASCII  \PAR\
                                                0031D                .BLKB   3
                                       00000314 00320 P.ACN:         .LONG   788
                                             1F 00324                .BYTE   31
                                             04 00325                .BYTE   4
                                    45 47 41 50 00326                .ASCII  \PAGE\
                                                0032A                .BLKB   2
                                       00000278 0032C P.ACO:         .LONG   632
                                             2B 00330                .BYTE   43
                                             02 00331                .BYTE   2
                                          52 53 00332                .ASCII  \SR\
                                       0000032C 00334 P.ACP:         .LONG   812
                                             13 00338                .BYTE   19
                                             03 00339                .BYTE   3
                                       4E 45 53 0033A                .ASCII  \SEN\
                                                0033D                .BLKB   3
                                       00000278 00340 P.ACQ:         .LONG   632
                                             0F 00344                .BYTE   15
                                             01 00345                .BYTE   1
                                             56 00346                .ASCII  \V\
                                                00347                .BLKB   1
                                       00000278 00348 P.ACR:         .LONG   632
                                             03 0034C                .BYTE   3
                                             01 0034D                .BYTE   1
                                             57 0034E                .ASCII  \W\
                                                0034F                .BLKB   1
00000278  00000278  000002F8  00000278  000002C0  000002B4  00350 P.ACS:   .LONG   692, 704, 632, 760, 632, 632, 632, 632, -
00000278  00000304  00000278  00000278  00000278  00000278  00368                  632, 632, 772, 632, 780, 632, 800, 632, -
00000334  00000278  00000278  00000320  00000278  0000030C  00380                  632, 820, 632, 632, 832, 840
                    00000348  00000340  00000278  00000278  00398

ADDR_BASE=          P.AAA
END_VERBS=          P.AAB
ASC_VERB=           P.AAC
ADV_VERB=           P.AAD
A_VERBS=            P.AAE
BELL_VERB=          P.AAF
B_VERBS=            P.AAG
COT_VERB=           P.AAH
CLSS_VERB=          P.AAI
CHGL_VERB=          P.AAJ
CHGU_VERB=          P.AAK
C_VERBS=            P.AAL
D_VERB=             P.AAM
```

```
DUPC_VERB=          P.AAN
DMOV_VERB=          P.AAO
DLWC_VERB=          P.AAP
DEFK_VERB=          P.AAQ
DATE_VERB=          P.AAR
D_VERBS=            P.AAS
EX_VERB=            P.AAT
E_VERBS=            P.AAU
F_VERBS=            P.AAV
H_VERBS=            P.AAW
I_VERBS=            P.AAX
K_VERBS=            P.AAY
P_VERBS=            P.AAZ
Q_VERBS=            P.ABA
R_VERB=             P.ABB
R_VERBS=            P.ABC
S_VERB=             P.ABD
SN_VERB=            P.ABE
SHR_VERB=           P.ABF
SHL_VERB=           P.ABG
SEL_VERB=           P.ABH
S_VERBS=            P.ABI
TI_VERB=            P.ABJ
TD_VERB=            P.ABK
TC_VERB=            P.ABL
TOP_VERB=           P.ABM
TAB_VERB=           P.ABN
TADJ_VERB=          P.ABO
T_VERBS=            P.ABP
UNDW_VERB=          P.ABQ
UNDL_VERB=          P.ABR
U_VERBS=            P.ABS
X_VERBS=            P.ABT
CARET_VERB=         P.ABU
VERB_TABLE=         P.ABV
END_ENTITY=         P.ABW
BW_ENT=             P.ABX
BR_ENT=             P.ABY
BL_ENT=             P.ABZ
BPAR_ENT=           P.ACA
BSEN_ENT=           P.ACB
B_ENTS=             P.ACC
C_ENTS=             P.ACD
EQ_ENT=             P.ACE
EL_ENT=             P.ACF
ER_ENT=             P.ACG
EPAR_ENT=           P.ACH
ESEN_ENT=           P.ACI
E_ENTS=             P.ACJ
L_ENTS=             P.ACK
N_ENTS=             P.ACL
PAR_ENT=            P.ACM
P_ENTS=             P.ACN
SR_ENT=             P.ACO
S_ENTS=             P.ACP
V_ENTS=             P.ACQ
W_ENTS=             P.ACR
```

```
                                                ENTITY_TABLE=       P.ACS
                                                        .EXTRN  EDT$$B_CHAR_INFO
                                                        .EXTRN  EDT$$A_CMD_END, EDT$$A_CMD_BUF
                                                        .EXTRN  EDT$$INTER_ERR

                                      03FC 00000        .ENTRY  EDT$$KEY_WORD, Save R2,R3,R4,R5,R6,R7,R8,R9 ; 0897
                    59 00000000G   00   9E 00002        MOVAB   EDT$$B_CHAR_INFO, R9
                    58 00000000G   00   9E 00009        MOVAB   EDT$$A_CMD_BUF, R8
                               08   BC   D4 00010        CLRL    @KEY_NUM                                    ; 0958
                    53              68   D0 00013        MOVL    EDT$$A_CMD_BUF, C_POINTER                   ; 0959
                    52              83   9A 00016        MOVZBL  (C_POINTER)+, FIRST_CHAR                    ; 0960
            03    6942              00   E1 00019        BBC     #0, EDT$$B_CHAR_INFO[FIRST_CHAR], 1$        ; 0965
                    52              20   C2 0001E        SUBL2   #32, FIRST_CHAR
            01      01        04    AC   CF 00021 1$:     CASEL   TABLE_NO, #1, #1                            ; 0973
                  002A              000D   00026 2$:     .WORD   3$-2$,-
                                                          4$-2$
       000000000G   00              00   FB 0002A        CALLS   #0, EDT$$INTER_ERR                          ; 0997
                                     48   11 00031        BRB     8$                                          ; 0973
       00000041     8F              52   D1 00033 3$:     CMPL    FIRST_CHAR, #65                             ; 0979
                                    1B   19 0003A        BLSS    5$
       0000005E     8F              52   D1 0003C        CMPL    FIRST_CHAR, #94
                                    1B   14 00043        BGTR    6$
                    50      FE0F    CF   9E 00045        MOVAB   VERB_TABLE, TABLE                           ; 0981
                    52        BF    A2   9E 0004A        MOVAB   -65(R2), R2                                 ; 0982
                                    1B   11 0004E        BRB     7$
       00000042     8F              52   D1 00050 4$:     CMPL    FIRST_CHAR, #66                             ; 0989
                                    73   19 00057 5$:     BLSS    13$
       00000057     8F              52   D1 00059        CMPL    FIRST_CHAR, #87
                                    6A   14 00060 6$:     BGTR    13$
                    50      FF42    CF   9E 00062        MOVAB   ENTITY_TABLE, TABLE                         ; 0991
                    52        BE    A2   9E 00067        MOVAB   -66(R2), R2                                 ; 0992
            51      52              02   78 0006B 7$:     ASHL    #2, R2, TABLE_OFFSET
                    52      FBE5    CF   9E 0006F        MOVAB   ADDR_BASE, R2                               ; 0993
                          6140      9F   00074        PUSHAB  (TABLE_OFFSET)[TABLE]
            50      52              9E   C1 00077        ADDL3   @(SP)+, R2, TABLE_PTR
                    54        05    A0   9A 0007B 8$:     MOVZBL  5(TABLE_PTR), R4                            ; 1000
                                    4B   13 0007F        BEQL    13$
                    51        06    A0   9E 00081        MOVAB   6(R0), KW_POINTER                           ; 1002
                    53              68   D0 00085        MOVL    EDT$$A_CMD_BUF, C_POINTER                   ; 1003
                    57              01   D0 00088        MOVL    #1, FOUND                                   ; 1004
            52      53              54   C1 0008B        ADDL3   R4, C_POINTER, R2                           ; 1006
       00000000G    00              52   D1 0008F        CMPL    R2, EDT$$A_CMD_END
                                    29   1A 00096        BGTRU   12$
                                    55   D4 00098        CLRL    I                                           ; 1010
                                    15   11 0009A        BRB     11$
                    52              83   9A 0009C 9$:     MOVZBL  (C_POINTER)+, CHAR                          ; 1016
            03    6942              00   E1 0009F        BBC     #0, EDT$$B_CHAR_INFO[CHAR], 10$             ; 1021
                    52              20   C2 000A4        SUBL2   #32, CHAR
                    56              81   9A 000A7 10$:    MOVZBL  (KW_POINTER)+, R6                           ; 1029
                    56              52   D1 000AA        CMPL    CHAR, R6
                                    02   13 000AD        BEQL    11$
                                    57   D4 000AF        CLRL    FOUND
            E7      55              54   F3 000B1 11$:    AOBLEQ  R4, I, 9$                                   ; 1010
                    09              57   E9 000B5        BLBC    FOUND, 12$                                  ; 1033
              08    BC        04    A0   9A 000B8        MOVZBL  4(TABLE_PTR), @KEY_NUM                      ; 1036
                    68              54   C0 000BD        ADDL2   R4, EDT$$A_CMD_BUF                          ; 1040
                                         04 000C0        RET                                                 ; 1035
```

```
                          54      FB93    CF  9E 000C1 12$:     MOVAB   ADDR_BASE, R4                                  ; 1046
                    50    54              60  C1 000C6          ADDL3   (TABLE_PTR), R4, TABLE_PTR                      ;
                                            AF  11 000CA          BRB     8$                                            ; 1000
                                                04 000CC 13$:     RET                                                   ; 1050

; Routine Size:  205 bytes,    Routine Base:  _EDT$CODE + 03A8

;  481          1051  1
;  482          1052  1 !<BLF/PAGE>
```

```
;  484          1053  1 END                                   . of module EDT$CHMKEYWRD
;  485          1054  1
;  486          1055  0 ELUDOM
```

```
;                                  PSECT SUMMARY

;       Name                    Bytes                           Attributes

;  _EDT$CODE                      1141  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        68        18          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         0         0          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$:CHMKEYWRD/OBJ=OBJ$:CHMKEYWRD MSRC$:CHMKEYWRD.BLI/UPDATE=(ENH$:C
;       HMKEYWRD)

; Size:          205 code + 936 data bytes
; Run Time:        00:29.1
; Elapsed Time:    00:33.8
; Lines/CPU Min:    2175
; Lexemes/CPU-Min: 11420
; Memory Used:  180 pages
; Compilation Complete
```

CHMFINENT
LIS

CHMINIT
LIS

CHMGCOUNT
LIS

CHMGINSTR
LIS

CHMGSUSTR
LIS

CHMINSMOD
LIS

CHMEMESS
LIS

CHMINSTAB
LIS

CHMENTTRM
LIS

CHMGBUF
LIS

CHMINSCHR
LIS

CHMINDATE
LIS

CHMEXVERB
LIS

CHMFINSTR
LIS

CHMGDIR
LIS

CHMGQUSTR
LIS

CHMHLPKPD
LIS

CHMINSSTR
LIS

CHMKEYWRD
LIS

CHMENDWRD
LIS

CHMEXCOM
LIS

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