```
EEEEEEEEEEEEEEEE   DDDDDDDDDDD        TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD        TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD        TTTTTTTTTTTTTTT
EEE                DDD        DDD         TTT
EEE                DDD        DDD         TTT
EEE                DDD        DDD         TTT
EEE                DDD        DDD         TTT
EEE                DDD        DDD         TTT
EEE                DDD        DDD         TTT
EEEEEEEEEEEE       DDD        DDD         TTT
EEEEEEEEEEEE       DDD        DDD         TTT
EEEEEEEEEEE        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
EEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
```

```
CCCCCCCC  HH      HH  MM      MM  EEEEEEEEEE  NN      NN  TTTTTTTTTT  TTTTTTTTTT  RRRRRRR   MM      MM
CCCCCCCC  HH      HH  MM      MM  EEEEEEEEEE  NN      NN  TTTTTTTTTT  TTTTTTTTTT  RRRRRRR   MM      MM
CC        HH      HH  MMMM  MMMM  EE          NN      NN      TT          TT      RR    RR  MMMM  MMMM
CC        HH      HH  MMMM  MMMM  EE          NN      NN      TT          TT      RR    RR  MMMM  MMMM
CC        HH      HH  MM  MM  MM  EE          NNNN    NN      TT          TT      RR    RR  MM  MM  MM
CC        HH      HH  MM  MM  MM  EE          NNNN    NN      TT          TT      RR    RR  MM  MM  MM
CC        HHHHHHHHHH  MM      MM  EEEEEEE     NN  NN  NN      TT          TT      RRRRRRR   MM      MM
CC        HHHHHHHHHH  MM      MM  EEEEEEE     NN  NN  NN      TT          TT      RRRRRRR   MM      MM
CC        HH      HH  MM      MM  EE          NN    NNNN      TT          TT      RR  RR    MM      MM
CC        HH      HH  MM      MM  EE          NN    NNNN      TT          TT      RR  RR    MM      MM
CC        HH      HH  MM      MM  EE          NN      NN      TT          TT      RR    RR  MM      MM
CC        HH      HH  MM      MM  EE          NN      NN      TT          TT      RR    RR  MM      MM
CCCCCCCC  HH      HH  MM      MM  EEEEEEEEEE  NN      NN      TT          TT      RR    RR  MM      MM
CCCCCCCC  HH      HH  MM      MM  EEEEEEEEEE  NN      NN      TT          TT      RR    RR  MM      MM


LL              IIIIII    SSSSSSSS
LL              IIIIII    SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II            SS
LL                II            SS
LL                II            SS
LL                II            SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
   1    0001   0 %TITLE 'EDT$CHMENTTRM - test for entity delimiter'
   2    0002   0 MODULE EDT$CHMENTTRM (                           ! Test for entity delimiter
   3    0003   0                 IDENT = 'V04-000'                       ! File: CHMENTTRM.BLI Edit: JBS1003
   4    0004   0                 ) =
   5    0005   1 BEGIN
   6    0006   1 !
   7    0007   1 !*****************************************************************************
   8    0008   1 !*                                                                           *
   9    0009   1 !*    COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                 *
  10    0010   1 !*    DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                  *
  11    0011   1 !*    ALL RIGHTS RESERVED.                                                    *
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  19    0019   1 !*                                                                           *
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  21    0021   1 !*    AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
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  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 determines if the current character is an
  37    0037   1 !       entity delimiter.
  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$$TST_ENTDELIM  from module CHANGE.BLI.
  47    0047   1 ! 1-002 - Regularize headers.  JBS 02-Mar-1981
  48    0048   1 ! 1-003 - Improve the appearance of the listing.  JBS 13-Jun-1983
  49    0049   1 !--
  50    0050   1
```

```
  52        0051  1  %SBTTL 'Declarations'
  53        0052  1  !
  54        0053  1  ! TABLE OF CONTENTS:
  55        0054  1  !
  56        0055  1
  57        0056  1  REQUIRE 'EDTSRC:TRAROUNAM';
  58        0495  1
  59        0496  1  FORWARD ROUTINE
  60        0497  1      EDT$$TST_ENTDELIM;                                    . Determine if the current character is an entity delimiter
  61        0498  1
  62        0499  1  !
  63        0500  1  ! INCLUDE FILES:
  64        0501  1  !
  65        0502  1
  66        0503  1  REQUIRE 'EDTSRC:EDTREQ';
  67        0638  1
  68        0639  1  !
  69        0640  1  ! MACROS:
  70        0641  1  !
  71        0642  1  !     NONE
  72        0643  1  !
  73        0644  1  ! EQUATED SYMBOLS:
  74        0645  1  !
  75        0646  1  !     NONE
  76        0647  1  !
  77        0648  1  ! OWN STORAGE:
  78        0649  1  !
  79        0650  1  !     NONE
  80        0651  1  !
  81        0652  1  ! EXTERNAL REFERENCES:
  82        0653  1  !
  83        0654  1  !     In the routine
```

K 2

EDT$CHMENTTRM   EDT$CHMENTTRM - test for entity delimiter   15-Sep-1984 23:52:23   VAX-11 Bliss-32 V4.0-742   Page 3
V04-000   EDT$$TST_ENTDELIM - test for entity delimiter 14-Sep-1984 12:22:28   [EDT.SRC]CHMENTTRM.BLI;1   (3)

```
   85    0655   1  %SBTTL 'EDT$$TST_ENTDELIM - test for entity delimiter'
   86    0656   1
   87    0657   1  GLOBAL ROUTINE EDT$$TST_ENTDELIM (                        ! Test for entity delimiter
   88    0658   1      TERM_STRING                                           ! Counted string of delimiter characters
   89    0659   1      ) =
   90    0660   1
   91    0661   1  !++
   92    0662   1  ! FUNCTIONAL DESCRIPTION:
   93    0663   1  !
   94    0664   1  !     This function returns a 1 if the current character is an entity delimiter.
   95    0665   1  !
   96    0666   1  ! FORMAL PARAMETERS:
   97    0667   1  !
   98    0668   1  !  TERM_STRING            a counted string of valid delimiter characters
   99    0669   1  !
  100    0670   1  ! IMPLICIT INPUTS:
  101    0671   1  !
  102    0672   1  !     EDT$$A_LN_PTR
  103    0673   1  !
  104    0674   1  ! IMPLICIT OUTPUTS:
  105    0675   1  !
  106    0676   1  !     NONE
  107    0677   1  !
  108    0678   1  ! ROUTINE VALUE:
  109    0679   1  !
  110    0680   1  !     1              Character is a delimiter
  111    0681   1  !     0              Character is not a delimiter
  112    0682   1  !
  113    0683   1  ! SIDE EFFECTS:
  114    0684   1  !
  115    0685   1  !     NONE
  116    0686   1  !
  117    0687   1  !--
  118    0688   1
  119    0689   2      BEGIN
  120    0690   2
  121    0691   2      EXTERNAL
  122    0692   2          EDT$$A_LN_PTR;                               ! Current character pointer
  123    0693   2
  124    0694   2      LOCAL
  125    0695   2          NT,
  126    0696   2          TS;
  127    0697   2
  128    0698   2      TS = .TERM_STRING;
  129    0699   2      NT = CH$RCHAR_A (TS);
  130    0700   2
  131    0701   2      DECR I FROM .NT - 1 TO 0 DO
  132    0702   2
  133    0703   2          IF (CH$RCHAR (.EDT$$A_LN_PTR) EQL CH$RCHAR_A (TS)) THEN RETURN (1);
  134    0704   2
  135    0705   2      RETURN (0);
  136    0706   1      END;                                            ! of routine EDT$$TST_ENTDELIM


                                           .TITLE   EDT$CHMENTTRM EDT$CHMENTTRM - test for entity d
                                                                          elimiter
                                           .IDENT   \V04-000\
```

```
                                                            .EXTRN    EDT$$A_LN_PTR

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

                                   000C 00000               .ENTRY    EDT$$TST_ENTDELIM, Save R2,R3            ; 0657
            53          04   AC  D0 00002                   MOVL      TERM_STRING, TS                         ; 0698
            50               83  9A 00006                   MOVZBL    (TS)+, NT                               ; 0699
            52 00000000G     00  D0 00009                   MOVL      EDT$$A_LN_PTR, R2                        ; 0703
                             0C  11 00010                   BRB       2$
            51               83  9A 00012  1$:              MOVZBL    (TS)+, R1
            51               62  91 00015                   CMPB      (R2), R1
                             04  12 00018                   BNEQ      2$
            50               01  D0 0001A                   MOVL      #1, R0
                             04  0001D                      RET
            F1               50  F4 0001E  2$:              SOBGEQ    I, 1$                                   ; 0705
                             50  D4 00021                   CLRL      R0                                      ; 0706
                             04  00023                      RET
```

; Routine Size: 36 bytes,   Routine Base: _EDT$CODE + 0000

;   137   0707 1
;   138   0708 1 !<BLF/PAGE>

M 2

EDT$CHMENTTRM   EDT$CHMENTTRM - test for entity delimiter   15-Sep-1984 23:52:23   VAX-11 Bliss-32 V4.0-742   Page 5
V04-000   EDT$$TST_ENTDELIM - test for entity delimiter 14-Sep-1984 12:22:28   [EDT.SRC]CHMENTTRM.BLI;1   (4)

```
: 140        0709  1 END                                          . of module EDT$CHMENTTRM
: 141        0710  1
: 142        0711  0 ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
_EDT$CODE	36	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	-------- Symbols --------			Pages	Processing
	Total	Loaded	Percent	Mapped	Time
_255DUA28:[EDT.SRC]EDT.L32;1	377	0	0	40	00:00.2
_255DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

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

```
Size:         36 code + 0 data bytes
Run Time:         00:09.5
Elapsed Time:     00:12.2
Lines/CPU Min:    4514
Lexemes/CPU-Min: 12165
Memory Used:  57 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