

File created: 31-Oct-2024 17:53:21 {WMEDLEY}<library>tedit>TEDIT-ABBREV.;9

edit by: rmk

changes to: (FNS \TEDIT.ABBREV.EXPAND)

previous date: 17-Mar-2024 18:15:40 {WMEDLEY}<library>tedit>TEDIT-ABBREV.;8

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ TEDIT-ABBREVCOMS

[(FNS \TEDIT.ABBREV.EXPAND \TEDIT.EXPAND.DATE \TEDIT.TRY.ABBREV)
(GLOBALVARS TEDIT.ABBREVS)

(INITVARS (TEDIT.ABBREVS ' ("b" . "357,146")
("n" . "357,44")
("m" . "357,45")
("T" . "357,57")
("d" . "357,60")
("D" . "357,61")
("s" . "0,247")
("r" . "0,271")
("\ " . "0,251")
("%" . "0,252")
("~" . "0,272")
("1/4" . "0,274")
("1/2" . "0,275")
("3/4" . "0,276")
("1/3" . "357,375")
("2/3" . "357,376")
("c" . "0,323")
("c/o" . "357,100")
("%%" . "357,100")
("->" . "0,256")
("ra" . "0,256")
("|" . "0,257")
("da" . "0,257")
("^" . "0,255")
("ua" . "0,255")
("<" . "0,254")
("la" . "0,254")
("\_" . "0,254")
("L" . "0,243")
("o" . "0,260")
("y" . "0,245")
("+ " . "0,261")
("x" . "0,264")
("/" . "0,270")
("=" . "357,121")
("p" . "0,266")
("r" . "0,322")
("t" . "0,324")
("tm" . "0,324")
("box" . "42,42")
("cbox" . "42,61")
("-" . "357,43")
("=" . "357,42")
(" " . "357,41")
("DATE" . \TEDIT.EXPAND.DATE)
(">>DATE<<" . \TEDIT.EXPAND.DATE])

(DEFINEQ

(\TEDIT.ABBREV.EXPAND

[LAMBDA (TSTREAM)

; Edited 31-Oct-2024 17:50 by rmk
; Edited 17-Mar-2024 12:06 by rmk
; Edited 17-May-2023 13:31 by rmk
; Edited 8-Sep-2022 23:53 by rmk
; Edited 1-Aug-2022 12:04 by rmk
; Edited 30-May-91 19:27 by jds
; Expand an abbreviation

(PROG ((TEXTOBJ (fetch (TEXTSTREAM TEXTOBJ) of TSTREAM))
SEL CH# CH OLDLOOKS EXPANSION)
(SETQ SEL (fetch (TEXTOBJ SEL) of TEXTOBJ))
(SETQ CH# (SUB1 (TEDIT.GETPOINT TSTREAM SEL)))
[COND
((ZEROP (GETSEL SEL DCH))
(CL:WHEN (ZEROP CH#)
(RETURN))
(\TEDIT.TEXTSETFILEPTR TSTREAM (SUB1 CH#)
CH#)
[SETQ CH (MKSTRING (CHARACTER (BIN TSTREAM)
(TEDIT.SETSEL TSTREAM CH# 1 'RIGHT))
(T
(SETQ CH (TEDIT.SEL.AS.STRING TSTREAM]

; Point Selection, so use the character to the left
; If we're off the front of the document, don't bother trying.

; We have a selection that isn't just a caret. Use it.

```
(SETQ EXPANSION (\TEDIT.TRY.ABBREV CH TSTREAM)) ; Find the abbreviation's expansion --first try it as-is, then try the
; upper-case version to be safe.
(CL:WHEN EXPANSION ; It exists, so insert it where the abbrev used to be
  (SETQ OLDLOOKS (TEDIT.GET.LOOKS TEXTOBJ))
  (TEDIT.DELETE TEXTOBJ SEL) ; First, delete the thing being expanded.
  (TEDIT.INSERT TSTREAM EXPANSION SEL OLDLOOKS)))
```

(\TEDIT.EXPAND.DATE

[LAMBDA (STREAM CH) ; Edited 23-Feb-88 10:41 by jds

```
;; Provide the date as the expansion for an abbreviation
(PROG* ((DATE (\UNPACKDATE))
  (YEAR (pop DATE))
  (MONTH (pop DATE))
  (DAY (pop DATE)))
  (RETURN (CONCAT (CAR (NTH '("January" "February" "March" "April" "May" "June" "July" "August"
    "September" "October" "November" "December")
    (ADD1 MONTH)))
    " " DAY " , " YEAR]))
```

(\TEDIT.TRY.ABBREV

[LAMBDA (ABBREV STREAM) ; Edited 6-Aug-2020 14:41 by rmk:
(\* jds "11-Jul-85 12:46")

;; Try expanding ABBREV as an abbreviation. Return the expansion; NIL = no such abbreviation.
;; RMK: Established that a character-code looking string ("357,201" or "02FE") or a number is a character code that converts to a character.

```
(PROG (SEL CH# (CH NIL)
  EXPANSION)
  (SETQ EXPANSION (OR (SASSOC ABBREV TEDIT.ABBREVS)
    (SASSOC (U-CASE ABBREV)
      TEDIT.ABBREVS))))
```

(\* Find the abbreviation's expansion --first try it as-is, then try the upper-case version to be safe.)

```
(RETURN (COND
  (EXPANSION ; (* There's an expansion. Turn it into an insertable string.)
    (COND
      [(STRINGP (CDR EXPANSION))
        ;; Could be a character code
        (COND
          ((SETQ CH (CHARCODE.DECODE (CDR EXPANSION)
            T))
            (CHARACTER CH))
          (T (CDR EXPANSION])
        ((SMALLP (CDR EXPANSION))
          ;; Treat a number as a character code.
          (CHARACTER (CDR EXPANSION)))
        ((AND (LITATOM (CDR EXPANSION))
          (GETD (CDR EXPANSION))) ; (* It's a function to be called.)
          (APPLY* (CDR EXPANSION)
            STREAM CH))
        (T ; (* Anything else is a form to EVAL.)
          (EVAL (CDR EXPANSION]))
```

)

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS TEDIT.ABBREVS)

)

(RPAQ? TEDIT.ABBREVS

```
'(("b" . "357,146")
  ("n" . "357,44")
  ("m" . "357,45")
  ("T" . "357,57")
  ("d" . "357,60")
  ("D" . "357,61")
  ("s" . "0,247")
  ("/'" . "0,271")
  ("\" . "0,251")
  ("%" . "0,252")
  ("~" . "0,272")
  ("1/4" . "0,274")
  ("1/2" . "0,275")
  ("3/4" . "0,276")
  ("1/3" . "357,375")
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  ("%%" . "357,100")
  (">" . "0,256")
  ("ra" . "0,256"))
```

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("da" . "0,257")
("^" . "0,255")
("ua" . "0,255")
("<" . "0,254")
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("cbox" . "42,61")
("-" . "357,43")
("=" . "357,42")
(" " . "357,41")
("DATE" . \TEDIT.EXPAND.DATE)
(">>DATE<<" . \TEDIT.EXPAND.DATE)))
```

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