

File created: 17-Mar-2024 18:15:40 {DSK}<Users>kaplan>Local>medley3.5>working-medley>library>tedit>TEDIT
-ABBREV.;8

edit by: rmk

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

previous date: 17-Mar-2024 12:06:12 {DSK}<Users>kaplan>Local>medley3.5>working-medley>library>tedit>TEDIT-ABBREV
.;7

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 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 NIL 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
```

; 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 CH (TEDIT.SEL.AS.STRING TSTREAM])
(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 TEXTOBJJ))
  (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")
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("=" . "357,42")
(" " . "357,41")
("DATE" . \TEDIT.EXPAND.DATE)
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```

FUNCTION INDEX

\TEDIT.ABBREV.EXPAND1 \TEDIT.EXPAND.DATE2 \TEDIT.TRY.ABBREV2

VARIABLE INDEX

TEDIT.ABBREVS2
