

File created: 15-Mar-2024 14:07:55 {WMEDLEY}<library>tedit>TEDIT-FNKEYS.;74

edit by: rmk

changes to: (FNS \TEDIT.LCASE.SEL \TEDIT.UCASE.SEL \TEDIT.KEY.FIND)

previous date: 9-Mar-2024 11:47:31 {WMEDLEY}<library>tedit>TEDIT-FNKEYS.;69

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ TEDIT-FNKEYSCOMS

```
[ (COMS
;; Functions that actually implement the commands for the function keys:
(FNS \TEDIT.BOLD.SEL.OFF \TEDIT.BOLD.SEL.ON \TEDIT.CENTER.SEL \TEDIT.CENTER.SEL.REV
\TEDIT.DEFAULTS.CARET \TEDIT.DEFAULTSSEL \TEDIT.SETDEFAULT.FROM.SEL \TEDIT.KEY.FIND
\TEDIT.GET.TARGET.STRING \TEDIT.KEY.FIND.BACKWARD \TEDIT.FINDAGAIN.BACKWARD \TEDIT.FINDAGAIN
\TEDIT.ITALIC.SEL.OFF \TEDIT.ITALIC.SEL.ON \TEDIT.LARGERSEL \TEDIT.LCASE.SEL
\TEDIT.SHOWCARETLOOKS \TEDIT.SMALLERSEL \TEDIT.SUBSCRIPTSEL \TEDIT.SUPERSCRIPTSEL
\TEDIT.UCASE.SEL \TEDIT.UNDERLINE.SEL.OFF \TEDIT.UNDERLINE.SEL.ON \TEDIT.STRIKEOUT.SEL.ON
\TEDIT.STRIKEOUT.SEL.OFF \TEDIT.SELECT.ALL \TEDIT.KEY.SUBSTITUTE))

(COMS
;; Auxiliary functions used in the above main functions:
(FNS \TEDIT.BOLD.CARET.OFF \TEDIT.BOLD.CARET.ON \TEDIT.ITALIC.CARET.OFF \TEDIT.ITALIC.CARET.ON
\TEDIT.LARGER.CARET \TEDIT.SMALLER.CARET \TEDIT.SUBSCRIPT.CARET \TEDIT.SUPERSCRIPT.CARET
\TEDIT.UNDERLINE.CARET.OFF \TEDIT.UNDERLINE.CARET.ON \TEDIT.STRIKEOUT.CARET.OFF
\TEDIT.STRIKEOUT.CARET.ON)

(COMS
; little selection utilities etc., for building hacks
(FNS \TK.DESCRIBEFONT))

[ (VARS (TEDIT.FNKEY.VERBOSE T)
(\TEDIT.KEYS ' ("Function, ^D" UNDO)
("Function, $" UNDO)
("Function, ^C" FN \TEDIT.KEY.FIND)
("Function, # " FN \TEDIT.KEY.FIND)
("Function, Bs" REDO)
("Function, (" REDO)
("Function, ^R" NEXT)
("Function, 62" NEXT)
("Esc" EXPAND)
("Function, ^T" EXPAND)
("Function, A" FN \TEDIT.CENTER.SEL)
("Function, a" FN \TEDIT.CENTER.SEL.REV)
("Function, B" FN \TEDIT.BOLD.SEL.ON)
("Function, b" FN \TEDIT.BOLD.SEL.OFF)
("Function, C" FN \TEDIT.ITALIC.SEL.ON)
("Function, c" FN \TEDIT.ITALIC.SEL.OFF)
("Function, D" FN \TEDIT.UCASE.SEL)
("Function, d" FN \TEDIT.LCASE.SEL)
("Function, E" FN \TEDIT.STRIKEOUT.SEL.ON)
("Function, e" FN \TEDIT.STRIKEOUT.SEL.OFF)
("Function, F" FN \TEDIT.UNDERLINE.SEL.ON)
("Function, f" FN \TEDIT.UNDERLINE.SEL.OFF)
("Function, G" FN \TEDIT.SUBSCRIPTSEL)
("Function, g" FN \TEDIT.SUPERSCRIPTSEL)
("Function, H" FN \TEDIT.SMALLERSEL)
("Function, h" FN \TEDIT.LARGERSEL)
("Function, K" FN \TEDIT.SUPERSCRIPTSEL)
("Function, k" FN \TEDIT.SUBSCRIPTSEL)
("Function, L" FN \TEDIT.SUBSCRIPTSEL)
("Function, l" FN \TEDIT.SUPERSCRIPTSEL)
("Function, M" FN \TEDIT.DEFAULTSSEL)
("Function, m" FN \TEDIT.SETDEFAULT.FROM.SEL)
("Function, ^A" FN \TEDIT.SHOWCARETLOOKS)
("Meta, a" FN \TEDIT.SELECT.ALL)
("Meta, A" FN \TEDIT.SELECT.ALL)
("Meta, F" FN \TEDIT.KEY.FIND.BACKWARD)
("Meta, f" FN \TEDIT.KEY.FIND)
("Meta, g" FN \TEDIT.FINDAGAIN)
("Meta, G" FN \TEDIT.FINDAGAIN.BACKWARD)
("Meta, N" NEXT)
("Meta, n" NEXT)
("Meta, p" FN \TEDIT.PRINT.MENU)
("Meta, P" FN \TEDIT.PRINT.MENU)
("Meta, r" REDO)
("Meta, R" REDO)
("Meta, s" FN \TEDIT.KEY.SUBSTITUTE)
("Meta, S" FN \TEDIT.KEY.SUBSTITUTE)
("Meta, U" FN \TEDIT.UNDO.UNDO)
("Meta, u" UNDO)
("Meta, z" UNDO)
("Meta, Z" \TEDIT.UNDO.UNDO)
(P (MAPC \TEDIT.KEYS (FUNCTION (LAMBDA (ENTRY)
(SELECTQ (CADR ENTRY)
(FN (TEDIT.SETFUNCTION (CAR ENTRY)
(CADDR ENTRY))))
```

(TEDIT.SETSYNTAX (CAR ENTRY)
(CADR ENTRY])

:: Functions that actually implement the commands for the function keys:

(DEFINEQ

(\TEDIT.BOLD.SEL.OFF

[LAMBDA (TEXTSTREAM TEXTOBJ SEL CHARCODE) ; Edited 6-Nov-87 11:00 by jds
;; Turn boldness off for the selected characters, and for future type-in.
(\TEDIT.BOLD.CARET.OFF TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(WEIGHT MEDIUM
SEL])

(\TEDIT.BOLD.SEL.ON

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 6-Nov-87 11:00 by jds
;; Turn boldness on for selected characters and for future type-in.
(\TEDIT.BOLD.CARET.ON TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(WEIGHT BOLD)
SEL])

(\TEDIT.CENTER.SEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL REVERSE) ; Edited 11-Dec-2023 11:02 by rmk
; Edited 28-Jul-2023 16:14 by rmk
; Edited 11-Apr-2023 13:22 by rmk
; Edited 10-Apr-2023 10:08 by rmk
; Edited 30-May-91 21:05 by jds
;; Changes the QUAD of the selected paragraphs in TEXTSTREAM, when the CENTER key is typed. Rotates through the sequences
;; (LEFT/RIGHT/CENTER) from the QUAD of the first paragraph to find the NEWQUAD that it will apply to all the paragraphs in SEL. If REVERSE,
;; cycles the quads in the opposite direction.
(CL:UNLESS (TEDITMENUP TEXTOBJ)
(LET [(NEWQUAD (LIST 'QUAD (OR [CADR (MEMB (LISTGET (TEDIT.GET.PARALOOKS TEXTSTREAM SEL)
'QUAD)
(CL:IF REVERSE
'(LEFT CENTERED JUSTIFIED LEFT)
'(LEFT JUSTIFIED CENTERED RIGHT))]
'LEFT]
(TEDIT.PARALOOKS TEXTSTREAM TEXTSTREAM NEWQUAD SEL)
(CL:WHEN TEDIT.FNKEY.VERBOSE (TEDIT.PROMPTPRINT TEXTSTREAM NEWQUAD T)))]])

(\TEDIT.CENTER.SEL.REV

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 11-Dec-2023 11:02 by rmk
; Edited 30-May-91 21:05 by jds
(\TEDIT.CENTER.SEL TEXTSTREAM TEXTOBJ SEL T])

(\TEDIT.DEFAULTS.CARET

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 26-Feb-2024 08:45 by rmk
; Edited 11-Nov-2023 16:00 by rmk
(* jds "21-Sep-85 11:24")
(TEDIT.CARETLOOKS TEXTSTREAM (create CHARLOOKS using (GETTOBJ TEXTOBJ DEFAULTCHARLOOKS))
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL])

(\TEDIT.DEFAULTSSEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 11-Nov-2023 15:55 by rmk
; Edited 20-Oct-87 11:12 by jds
; acts on the selection
(TEDIT.LOOKS TEXTSTREAM (create CHARLOOKS using (GETTOBJ TEXTOBJ DEFAULTCHARLOOKS))
SEL])

(\TEDIT.SETDEFAULT.FROM.SEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 12-Nov-2023 16:40 by rmk
; Edited 11-Nov-2023 16:03 by rmk
(* jds "8-Nov-85 15:22")
; Set the defaults from the current selection.
(SETTOBJ TEXTOBJ DEFAULTCHARLOOKS (\TEDIT.PARSE.CHARLOOKS.LIST (TEDIT.GET.LOOKS TEXTSTREAM SEL)
NIL TEXTOBJ])

(\TEDIT.KEY.FIND

[LAMBDA (TEXTSTREAM TEXTOBJ SEL AGAIN BACKWARD) ; Edited 15-Mar-2024 13:36 by rmk
; Edited 9-Mar-2024 11:36 by rmk
; Edited 29-Feb-2024 17:06 by rmk
; Edited 27-Feb-2024 00:22 by rmk
; Edited 16-Feb-2024 23:43 by rmk
; Edited 14-Dec-2023 21:14 by rmk
; Edited 12-Jul-2023 08:26 by rmk
; Edited 20-Jun-2023 13:06 by rmk
; Edited 6-May-2018 17:14 by rmk

; Edited 30-May-91 21:05 by jds

:: just calls the normal tedit.find starting at the right of the current selection. SEL is passed from the FN key in the readable, presumably always
:: (fetch SEL of TEXTOBJ).

:: AGAIN suppresses confirmation of a previous target, but also assumes that the user is not interested in trying again at the current character
:: position--starts forward or backward from there.

```
(LET ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
      TARGET CH)
      ; Case sensitive search, with * and # wildcards
      ; TEDIT.LAST.FIND.STRING used to be stored as a window property. But then it would only pertain to a particular pane. Better store it on
      ; the textobj.
      (CL:WHEN AGAIN
        (SETQ TARGET (GETTEXTPROP TEXTOBJ 'TEDIT.LAST.FIND.STRING)))
      (CL:UNLESS TARGET
        (SETQ AGAIN NIL)
        [SETQ TARGET (TEDIT.GETINPUT TEXTOBJ (CL:IF BACKWARD
                                                    "Backward search string: "
                                                    "Search string: ")
                    (\TEDIT.GET.TARGET.STRING TEXTOBJ 'TEDIT.LAST.FIND.STRING))]
      (CL:WHEN TARGET
        (CL:UNLESS SEL
          (SETQ SEL (FGETTOBJ TEXTOBJ SEL)))
          (\TEDIT.SHOWSEL SEL NIL)
          ; Save for next search, even if not found
          (PUTTEXTPROP TEXTOBJ 'TEDIT.LAST.FIND.STRING TARGET)
          (SETQ CH (if BACKWARD
                      then (TEDIT.PROMPTPRINT TEXTOBJ (CONCAT "Searching backward for %" TARGET "%")
                                                             T)
                      (TEDIT.FIND.BACKWARD TEXTOBJ (MKSTRING TARGET)
                                                    NIL NIL T)
                      else (TEDIT.PROMPTPRINT TEXTOBJ (CONCAT "Searching for %" TARGET "%")
                                                       T)
                      (TEDIT.FIND TEXTOBJ (MKSTRING TARGET)
                                           NIL NIL T)))
          (COND
            (CH (TEDIT.PROMPTPRINT TEXTOBJ (CONCAT "%" TARGET "%" found")
                                           T)
                ; We found the target text.
                (\TEDIT.RESET.EXTEND.PENDING.DELETE SEL TEXTOBJ)
                ; Set up SELECTION to be the found text
                (\TEDIT.UPDATE.SEL SEL (CAR CH)
                                       (ADD1 (IDIFFERENCE (CADR CH)
                                                         (CAR CH)))
                                       (CL:IF BACKWARD
                                             'LEFT
                                             'RIGHT))
                (TEDIT.SET.SEL.LOOKS SEL (CL:IF (FGETTOBJ TEXTOBJ TXTREADONLY)
                                                'PENDINGDEL
                                                'NORMAL))
                [SETSEL SEL SELKIND (CL:IF (IGREATERP (CADR CH)
                                                       (CAR CH))
                                           'WORD
                                           'CHAR]
                (FSETTOBJ TEXTOBJ CARETLOOKS (\TEDIT.GET.INSERT.CHARLOOKS TEXTOBJ SEL))
                (\TEDIT.FIXSEL SEL TEXTOBJ)
                (TEDIT.NORMALIZECARET TEXTOBJ)
                (T (TEDIT.PROMPTPRINT TEXTOBJ (CONCAT "%" TARGET "%" not found")
                                             T)))
            (\TEDIT.SHOWSEL SEL T)))
      ))
```

(\TEDIT.GET.TARGET.STRING

[LAMBDA (TEXTOBJ PROP) ; Edited 29-Feb-2024 17:08 by rmk

:: This is called from \TEDIT.KEY.FIND, TEDIT.DEFAULT.MENUFN, TEDIT.SUBSTITUTE. It tries to determine the best tentative target string for
:: a search. PROP is either TEDIT.LAST.FIND.STRING or TEDIT.LAST.SUBSTITUTE.STRING.

:: Current heuristic: use selection if longer than 1 character, otherwise last search string. Note that meta-G goes directly to the last search.

```
(if (GETTEXTPROP TEXTOBJ PROP)
    then (if (IGREATERP (GETSEL (GETTOBJ TEXTOBJ SEL)
                              DCH)
                1)
            then (TEDIT.SEL.AS.STRING TEXTOBJ)
            else (GETTEXTPROP TEXTOBJ PROP))
    else (TEDIT.SEL.AS.STRING TEXTOBJ))
```

(\TEDIT.KEY.FIND.BACKWARD

[LAMBDA (TEXTSTREAM TEXTOBJ SEL AGAIN) ; Edited 20-Jun-2023 13:57 by rmk

; Edited 18-Jun-2023 17:59 by rmk

```
(\TEDIT.KEY.FIND TEXTSTREAM TEXTOBJ SEL AGAIN T))
```

(\TEDIT.FINDAGAIN.BACKWARD

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 20-Jun-2023 13:57 by rmk

; Edited 18-Jun-2023 18:03 by rmk

; Edited 6-May-2018 17:12 by rmk:

```
(\TEDIT.KEY.FIND TEXTSTREAM TEXTOBJ SEL T T))
```

(\TEDIT.FINDAGAIN

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

; Edited 20-Jun-2023 13:57 by rmk
; Edited 6-May-2018 17:12 by rmk:

(\TEDIT.KEY.FIND TEXTSTREAM TEXTOBJ SEL T])

(\TEDIT.ITALIC.SEL.OFF

[LAMBDA (TEXTSTREAM TEXTOBJ SEL CHARCODE)
(\TEDIT.ITALIC.CARET.OFF TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(SLOPE REGULAR)
SEL])

; Edited 20-Oct-87 10:43 by jds

(\TEDIT.ITALIC.SEL.ON

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(SLOPE ITALIC)
SEL])

; Edited 20-Oct-87 10:43 by jds

(\TEDIT.LARGERSEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(COND
((SHIFTDOWNP 'META)
(\TEDIT.LARGER.CARET TEXTSTREAM TEXTOBJ SEL))
(T (TEDIT.LOOKS TEXTSTREAM (LIST 'SIZEINCREMENT 2)
SEL]))

(* jds "21-Sep-85 08:58")

(\TEDIT.LCASE.SEL

[LAMBDA (STREAM TEXTOBJ SEL)

; Edited 15-Mar-2024 13:57 by rmk
; Edited 3-Mar-2024 12:28 by rmk
; Edited 28-May-2023 00:34 by rmk
; Edited 24-May-2023 22:46 by rmk

:: uppercasifies the selection. This changes the :Replace THACTION to :LowerCase for REDO. That could be stored in another field, in which case
:: undo wouldn't need to know. Or maybe the transformation function should be stored.

(\TEDIT.REPLACE.SELPIECES (\TEDIT.SELPIECES.CHARTRANSFORM (\TEDIT.SELPIECES.COPY (\TEDIT.SELPIECES SEL))
(FUNCTION L-CASECODE)
NIL TEXTOBJ)
TEXTOBJ SEL)
(SETH (\TEDIT.LASTEVENT TEXTOBJ)
THACTION :LowerCase])

(\TEDIT.SHOWCARETLOOKS

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

; Edited 14-Dec-2023 21:07 by rmk
; Edited 30-May-91 21:09 by jds

(LET ((LOOKS (FGETTOBJ TEXTOBJ CARETLOOKS)))
(TEDIT.PROMPTPRINT TEXTSTREAM (CONCAT (\TK.DESCRIBEFONT (fetch (CHARLOOKS CLFONT) of LOOKS))
(COND
(AND (fetch (CHARLOOKS CLOFFSET) of LOOKS)
(NEQ (fetch (CHARLOOKS CLOFFSET) of LOOKS)
0))
(CONCAT " offset " (fetch (CHARLOOKS CLOFFSET) of LOOKS)))
(T ""))
(COND
(fetch (CHARLOOKS CLOLINE) of LOOKS)
" overlined")
(T ""))
(COND
(fetch (CHARLOOKS CLULINE) of LOOKS)
" underlined")
(T "")))
T])

(\TEDIT.SMALLERSEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

(* jds "21-Sep-85 08:58")

(COND
((SHIFTDOWNP 'META)
(\TEDIT.SMALLER.CARET TEXTSTREAM TEXTOBJ SEL))
(T (TEDIT.LOOKS TEXTSTREAM (LIST 'SIZEINCREMENT -2)
SEL]))

(\TEDIT.SUBSCRIPTSEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM (LIST 'OFFSETINCREMENT -2)
SEL])

; Edited 20-Oct-87 11:12 by jds

(\TEDIT.SUPERSCRIPSEL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM (LIST 'OFFSETINCREMENT 2)
SEL])

; Edited 20-Oct-87 11:13 by jds

(\TEDIT.UCASE.SEL

[LAMBDA (STREAM TEXTOBJ SEL)

; Edited 15-Mar-2024 13:57 by rmk
; Edited 3-Mar-2024 12:56 by rmk
; Edited 28-May-2023 00:33 by rmk
; Edited 24-May-2023 22:45 by rmk

;; uppercasifies the selection. This changes the :Replace THACTION to :UpperCase for REDO. That could be stored in another field, in which case
;; undo wouldn't need to know.

(\TEDIT.REPLACE.SELPIECES (\TEDIT.SELPIECES.CHARTRANSFORM (\TEDIT.SELPIECES.COPY (\TEDIT.SELPIECES SEL))
(FUNCTION U-CASECODE)
NIL TEXTOBJ)
TEXTOBJ SEL)
(SETH (\TEDIT.LASTEVENT TEXTOBJ)
THACTION :UpperCase])

(\TEDIT.UNDERLINE.SEL.OFF

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(UNDERLINE OFF)
SEL])

; Edited 20-Oct-87 11:26 by jds

(\TEDIT.UNDERLINE.SEL.ON

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(UNDERLINE ON)
SEL])

; Edited 20-Oct-87 11:27 by jds

(\TEDIT.STRIKEOUT.SEL.ON

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(STRIKEOUT ON)
SEL])

; Edited 20-Oct-87 11:27 by jds

(\TEDIT.STRIKEOUT.SEL.OFF

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.LOOKS TEXTSTREAM '(STRIKEOUT OFF)
SEL])

; Edited 20-Oct-87 11:27 by jds

(\TEDIT.SELECT.ALL

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(TEDIT.SETSEL TEXTSTREAM 0 (ADD1 (fetch TEXTLEN of TEXTOBJ)
'LEFT])

; Edited 6-May-2018 12:41 by rmk:

(\TEDIT.KEY.SUBSTITUTE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
;; Stub for function-key
(TEDIT.SUBSTITUTE TEXTSTREAM NIL NIL T])

; Edited 8-May-2023 09:35 by rmk

;; Auxiliary functions used in the above main functions:

(DEFINEQ

(\TEDIT.BOLD.CARET.OFF

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST '(WEIGHT MEDIUM)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ)))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]

; Edited 14-Dec-2023 21:08 by rmk
; Edited 12-Jun-90 18:32 by mitani

(\TEDIT.BOLD.CARET.ON

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST '(WEIGHT BOLD)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ)))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]

; Edited 14-Dec-2023 21:09 by rmk
; Edited 12-Jun-90 18:32 by mitani

(\TEDIT.ITALIC.CARET.OFF

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST '(SLOPE REGULAR)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ)))

; Edited 14-Dec-2023 21:09 by rmk
; Edited 12-Jun-90 18:32 by mitani

```
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.ITALIC.CARET.ON

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:15 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (SLOPE ITALIC)
(GETTOBJ TEXTOBJ CARETLOOKS TEXTOBJ)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.LARGER.CARET

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:15 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (SIZEINCREMENT 2)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.SMALLER.CARET

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:15 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (SIZEINCREMENT -2)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.SUBSCRIPT.CARET

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:16 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (OFFSEINCREMENT -2)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.SUPERSCRIP.T.CARET

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:16 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (OFFSEINCREMENT 2)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.UNDERLINE.CARET.OFF

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:17 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (UNDERLINE OFF)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.UNDERLINE.CARET.ON

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:17 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (UNDERLINE ON)
(GETTOBJ TEXTOBJ CARETLOOKS)
TEXTOBJ))
(CL:WHEN LOOKS
(TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
(\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL)))]
```

(\TEDIT.STRIKEOUT.CARET.OFF

```
[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Dec-2023 21:18 by rmk
; Edited 12-Jun-90 18:32 by mitani
(LET ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (STRIKEOUT OFF)
(GETTOBJ TEXTOBJ CARETLOOKS)
```

```

        TEXTOBJ)))
(CL:WHEN LOOKS
 (TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
 (\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL]]))

```

(\TEDIT.STRIKEOUT.CARET.ON

; Edited 12-Jun-90 18:32 by mitani

```

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)
 (PROG ((LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ' (STRIKEOUT ON)
          (fetch (TEXTOBJ CARETLOOKS) of TEXTOBJ)
          TEXTOBJ)))
 (COND
  (LOOKS (TEDIT.CARETLOOKS TEXTSTREAM LOOKS)
   (\TEDIT.SHOWCARETLOOKS TEXTSTREAM TEXTOBJ SEL])
 )
 )

```

)

:: little selection utilities etc., for building hacks

(DEFINEQ

(\TK.DESCRIBEFONT

(* gbn "15-Dec-84 17:54")

```

[LAMBDA (FONT)
 (* * returns a string which describes a font (in short. If it's not italic then no mention is made of slope, etc.))

```

```

(CONCAT (L-CASE (FONTPROP FONT 'FAMILY))
 " "
 (FONTPROP FONT 'SIZE)
 (COND
  [(NEQ (FONTPROP FONT 'WEIGHT)
        'MEDIUM)
   (CONCAT " " (L-CASE (FONTPROP FONT 'WEIGHT)
                       (T " ")))
  ]
 (COND
  [(NEQ (FONTPROP FONT 'SLOPE)
        'REGULAR)
   (CONCAT " " (L-CASE (FONTPROP FONT 'SLOPE)
                       (T " ")))
  ]
 )
 )

```

)

(RPAQQ TEDIT.FNKEY.VERBOSE T)

(RPAQQ \TEDIT.KEYS

```

(("Function,^D" UNDO)
 ("Function,$" UNDO)
 ("Function,^C" FN \TEDIT.KEY.FIND)
 ("Function,#" FN \TEDIT.KEY.FIND)
 ("Function,Bs" REDO)
 ("Function,(" REDO)
 ("Function,^R" NEXT)
 ("Function,62" NEXT)
 ("Esc" EXPAND)
 ("Function,^T" EXPAND)
 ("Function,A" FN \TEDIT.CENTER.SEL)
 ("Function,a" FN \TEDIT.CENTER.SEL.REV)
 ("Function,B" FN \TEDIT.BOLD.SEL.ON)
 ("Function,b" FN \TEDIT.BOLD.SEL.OFF)
 ("Function,C" FN \TEDIT.ITALIC.SEL.ON)
 ("Function,c" FN \TEDIT.ITALIC.SEL.OFF)
 ("Function,D" FN \TEDIT.UCASE.SEL)
 ("Function,d" FN \TEDIT.LCASE.SEL)
 ("Function,E" FN \TEDIT.STRIKEOUT.SEL.ON)
 ("Function,e" FN \TEDIT.STRIKEOUT.SEL.OFF)
 ("Function,F" FN \TEDIT.UNDERLINE.SEL.ON)
 ("Function,f" FN \TEDIT.UNDERLINE.SEL.OFF)
 ("Function,G" FN \TEDIT.SUBSCRIPTSEL)
 ("Function,g" FN \TEDIT.SUPERSCRIPSEL)
 ("Function,H" FN \TEDIT.SMALLERSEL)
 ("Function,h" FN \TEDIT.LARGERSEL)
 ("Function,K" FN \TEDIT.SUPERSCRIPSEL)
 ("Function,k" FN \TEDIT.SUBSCRIPTSEL)
 ("Function,L" FN \TEDIT.SUBSCRIPTSEL)
 ("Function,l" FN \TEDIT.SUPERSCRIPSEL)
 ("Function,M" FN \TEDIT.DEFAULTSSEL)
 ("Function,m" FN \TEDIT.SETDEFAULT.FROM.SEL)
 ("Function,^A" FN \TEDIT.SHOWCARETLOOKS)
 ("Meta,a" FN \TEDIT.SELECT.ALL)
 ("Meta,A" FN \TEDIT.SELECT.ALL)
 ("Meta,F" FN \TEDIT.KEY.FIND.BACKWARD)
 ("Meta,f" FN \TEDIT.KEY.FIND)
 ("Meta,g" FN \TEDIT.FINDAGAIN)
 ("Meta,G" FN \TEDIT.FINDAGAIN.BACKWARD)
 ("Meta,N" NEXT)
 ("Meta,n" NEXT)
 ("Meta,p" FN \TEDIT.PRINT.MENU)

```

```
("Meta,P" FN \TEDIT.PRINT.MENU)
("Meta,r" REDO)
("Meta,R" REDO)
("Meta,s" FN \TEDIT.KEY.SUBSTITUTE)
("Meta,S" FN \TEDIT.KEY.SUBSTITUTE)
("Meta,U" FN \TEDIT.UNDO.UNDO)
("Meta,u" UNDO)
("Meta,z" UNDO)
("Meta,Z" \TEDIT.UNDO.UNDO))
```

```
[MAPC \TEDIT.KEYS (FUNCTION (LAMBDA (ENTRY)
  (SELECTQ (CADR ENTRY)
    (FN (TEDIT.SETFUNCTION (CAR ENTRY)
      (CADDR ENTRY))))
    (TEDIT.SETSYNTAX (CAR ENTRY)
      (CADR ENTRY])
```

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