

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

[ (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 (TEDIT.MENUP 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 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 readtable, 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)
      (PUTTEXTPROP TEXTOBJ 'TEDIT.LAST.FIND.STRING TARGET)
      (SETQ CH (if BACKWARD
        then (TEDIT.PROMPTPRINT TEXTOBJ (CONCAT "Searching backward for %" TARGET "%"))
        (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)

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

(\TEDIT.ITALIC.CARET.OFF TEXTSTREAM TEXTOBJ SEL)

(TEDIT.LOOKS TEXTSTREAM ' (SLOPE REGULAR)  
SEL])**(\TEDIT.ITALIC.SEL.ON**

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

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

(TEDIT.LOOKS TEXTSTREAM ' (SLOPE ITALIC)

SEL])

**(\TEDIT.LARGERSEL**

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

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

(COND

((SHIFTDOWNP 'META)

(\TEDIT.LARGER.CARET TEXTSTREAM TEXTOBJ SEL))

(T (TEDIT.LOOKS TEXTSTREAM (LIST 'SIZEINCREMENT 2)  
SEL]))**(\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)

(SETTH (\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)

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

(TEDIT.LOOKS TEXTSTREAM (LIST 'OFFSETINCREMENT -2)

SEL])

**(\TEDIT.SUPERSCRIPSEL**

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

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

(TEDIT.LOOKS TEXTSTREAM (LIST 'OFFSETINCREMENT 2)

SEL])

**(\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)  
(SETTH (\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 ' (OFFSETINCREMENT -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 ' (OFFSETINCREMENT 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")

(\* \* 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.DEFAULTSEL)
 ("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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