

File created: 24-Jun-2024 00:05:09 {WMEDLEY}<library>tedit>TEDIT-CHAT.;16

edit by: rmk

changes to: (FNS TEDITCHAT.CHARFN)

previous date: 2-May-2024 18:09:26 {WMEDLEY}<library>tedit>TEDIT-CHAT.;15

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ TEDIT-CHATCOMS

```
((FNS TEDITSTREAM.INIT TEDITCHAT.MENUFN TEDITCHAT.CHARFN)
 (COMS ; WHO CALLS TEDIT.DISPLAYTEXT ?
  (FNS TEDIT.DISPLAYTEXT))
 (GLOBALVARS TEDITCHAT.MENU CHAT.DRIVERTYPES CHAT.DISPLAYTYPES)
 (VARS TEDITCHAT.MENUITEMS (TEDITCHAT.MENU))
 (ADDVARS (CHAT.DRIVERTYPES (TEDIT TEDITCHAT.CHARFN NIL)))
 (DECLARE%: EVAL@COMPILE DONTCOPY (FILES (SOURCE)
  CHATDECLS))))
```

(DEFINEQ

(TEDITSTREAM.INIT

```
[LAMBDA (WINDOW MENUFN) ; Edited 23-Dec-2023 09:06 by rmk
 ; Edited 4-Nov-2022 17:21 by rmk
 ; Edited 12-Jun-90 18:01 by mitani

;; Initialize and return TEDIT TEXTSTREAM on WINDOW.
(LET [(TEXTSTREAM (OPENTEXTSTREAM NIL WINDOW NIL NIL ' (COPYBYBKSYSEBUF T)
 ; force shift select typein to be put in keyboard buffer
 ; hookup middle button menu instead of TEDIT menu

(WINDOWPROP WINDOW 'TEDIT.TITLEMENUFN MENUFN)
TEXTSTREAM])
```

(TEDITCHAT.MENUFN

```
[LAMBDA (WINDOW) (* || "20-Oct-86 15:03")
 (DECLARE (GLOBALVARS TEDITCHAT.MENU) (* MIDDLEBUTTON)
 (SPECVARS WINDOW STATE)
 (PROG ((STATE (WINDOWPROP WINDOW 'CHATSTATE))
 COMMAND)
 [COND
 ((NOT STATE) (* No Connection here; try to reestablish)
 (RETURN (COND
 ((LASTMOUSESTATE MIDDLE)
 (CHAT.RECONNECT WINDOW))
 (T (TOTOPW WINDOW)
 (replace (CHAT.STATE HELD) of STATE with T)
 (\CHECKCARET WINDOW)
 (SELECTQ [SETQ COMMAND (MENU (OR TEDITCHAT.MENU (SETQ TEDITCHAT.MENU (create MENU
 ITEMS _
 TEDITCHAT.MENUITEMS])
 (Close (replace (CHAT.STATE RUNNING?) of STATE with 'CLOSE)
 (* Ask CHAT.TYPEIN to shut things down.)
 )
 (New (replace (CHAT.STATE RUNNING?) of STATE with 'CLOSE)
 (WINDOWPROP WINDOW 'KEEPCHAT 'NEW))
 (Suspend (replace (CHAT.STATE RUNNING?) of STATE with 'CLOSE)
 (WINDOWPROP WINDOW 'KEEPCHAT T))
 (Freeze (* Leave in HELD state)
 (RETURN))
 (NIL)
 (APPLY* COMMAND STATE WINDOW))
 (replace (CHAT.STATE HELD) of STATE with NIL])
```

(TEDITCHAT.CHARFN

```
[LAMBDA (CH CHAT.STATE) ; Edited 24-Jun-2024 00:04 by rmk
 ; Edited 2-May-2024 18:09 by rmk
 ; Edited 22-Dec-2023 23:57 by rmk
 ; Edited 18-Mar-2023 20:08 by rmk
 ; Edited 12-Jun-90 18:00 by mitani

(LET* ((TSTREAM (fetch (CHAT.STATE TEXTSTREAM) of CHAT.STATE))
 (TEXTOBJ (TEXTOBJ TSTREAM))
 (\CARET.DOWN (FGETTOBJ TEXTOBJ DS))
 (SELCHARQ CH
 (BS (\TEDIT.CHARDELETE TSTREAM (FGETTOBJ TEXTOBJ SEL)))
 (LF NIL)
 (BOUT TSTREAM CH])

)
```

:: WHO CALLS TEDIT.DISPLAYTEXT ?

(DEFINEQ

(TEDIT.DISPLAYTEXT

[LAMBDA (TEXTOBJ CH CHWIDTH LINE XPOINT DS SEL)

; Edited 23-Dec-2023 09:15 by rmk
; Edited 6-Apr-2023 21:39 by rmk
; Edited 4-Nov-2022 17:18 by rmk
; Edited 25-Sep-2022 13:34 by rmk
; Edited 6-Aug-2022 13:28 by rmk
; Edited 12-Jun-90 18:01 by mitani
(* This function does the actual displaying of typed-in text on the

edit window.)

(HELP 'TEDIT.DISPLAYTEXT 'NOTUSED?)

(PROG ((LOOKS (\TEDIT.APPLY.STYLES (**fetch** (TEXTOBJ CARETLOOKS) **of** TEXTOBJ)

(\TEDIT.CARETPIECE TEXTOBJ)

(**fetch** (TEXTOBJ STREAMHINT) **of** TEXTOBJ)))

(TERMSA (**fetch** (TEXTOBJ TXTTERMSA) **of** TEXTOBJ))

DY FONT)

(MOVETO XPOINT (IPLUS (**fetch** YBASE **of** LINE)

(OR (**fetch** CLOFFSET **of** LOOKS)

0))

DS)

(* Set the display stream position)

(COND

[TERMSA

(* Special terminal table for controlling character display.
Use it.)

(RESETLST

(RESETSAVE \PRIMTERMSA TERMSA)

[COND

[(STRINGP CH)

(**for** CHAR instring CH **do** (SELCHARQ CHAR

(TAB (* Put down white)

(BITBLT NIL 0 0 DS XPOINT (**fetch** YBOT **of** LINE)

36

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE)

(RELMOVETO 36 0 DS))

(CR (BITBLT NIL 0 0 DS XPOINT (**fetch** YBOT **of** LINE)

(IMAX 6 (CHARWIDTH CHAR FONT))

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE))

(\DSPPRINTCHAR (**fetch** (TEXTOBJ STREAMHINT) **of** TEXTOBJ)
CHAR]

(T (SELCHARQ CH

(TAB

(* Put down white)

(BITBLT NIL 0 0 DS XPOINT (**fetch** YBOT **of** LINE)

36

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE)

(RELMOVETO 36 0 DS))

(EOL (BITBLT NIL 0 0 DS XPOINT (**fetch** YBOT **of** LINE)

(IMAX 6 (CHARWIDTH CH FONT))

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE))

(\DSPPRINTCHAR (**fetch** (TEXTOBJ STREAMHINT) **of** TEXTOBJ)
CH]])

(T

(* No special handling; just use native character codes)

(COND

[(STRINGP CH)

(**for** CHAR instring CH **do** (SELCHARQ CHAR

(TAB

(* Put down white)

(BITBLT NIL 0 0 DS (DSPXPOSITION NIL DS)

(**fetch** YBOT **of** LINE)

36

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE)

(RELMOVETO 36 0 DS))

(EOL (BITBLT NIL 0 0 DS (DSPXPOSITION NIL DS)

(**fetch** YBOT **of** LINE)

(IMAX 6 (CHARWIDTH CHAR FONT))

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE))

(BLTCHAR CHAR DS]

(T (SELCHARQ CH

(TAB

(* Put down white)

(BITBLT NIL 0 0 DS (DSPXPOSITION NIL DS)

(**fetch** YBOT **of** LINE)

36

(**fetch** LHEIGHT **of** LINE)

'TEXTURE

'REPLACE WHITESHADE)

(RELMOVETO 36 0 DS))

```
(EOL (* Blank out the CR's width.)
      (BITBLT NIL 0 0 DS (DSPXPOSITION NIL DS)
        (fetch YBOT of LINE)
        (IMAX 6 (CHARWIDTH CH FONT))
        (fetch LHEIGHT of LINE)
        'TEXTURE
        'REPLACE WHITESHAE))
      (BLTCHAR CH DS])
)

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS TEDITCHAT.MENU CHAT.DRIVERTYPES CHAT.DISPLAYTYPES)
)

(RPAQQ TEDITCHAT.MENUITEMS
  ((Close 'Close "Closes the connection and returns")
    (Suspend 'Suspend "Closes the connection but leaves window up")
    (New 'New "Closes this connection and prompts for a new host")
    (Freeze 'Freeze "Holds typeout in this window until you bug it again")
    ("Dribble" (FUNCTION CHAT.TYPESCRIPT)
      "Starts a typescript of window typeout")
    ("Input" (FUNCTION CHAT.TAKE.INPUT)
      "Allows input from a file")
    ("Option" (FUNCTION DO.CHAT.OPTION)
      "Do protocol specific option")))
)

(RPAQQ TEDITCHAT.MENU NIL)

(ADDTOVAR CHAT.DRIVERTYPES (TEDIT TEDITCHAT.CHARFN NIL))

(DECLARE%: EVAL@COMPILE DONTCOPY

(FILESLoad (SOURCE)
  CHATDECLS)
)
```

FUNCTION INDEX

TEDIT.DISPLAYTEXT2 TEDITCHAT.CHARFN1 TEDITCHAT.MENUFN1 TEDITSTREAM.INIT1

VARIABLE INDEX

CHAT.DRIVERTYPES3 TEDITCHAT.MENU3 TEDITCHAT.MENUITEMS3
