

File created: 30-Sep-2021 19:23:57 {DSK}<Users>briggs>Projects>medley>library>UNIXTELNET.;2

changes to: (FNS UNIX-TCPCHAT.OPEN)

previous date: 16-Feb-90 17:00:31 {DSK}<Users>briggs>Projects>medley>library>UNIXTELNET.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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(RPAQQ **UNIXTELNETCOMS**

```
[ (FNS UNIX-TCPCHAT.HOST.FILTER UNIX-TCPCHAT.OPEN UNIX-TCPCHAT.GET.LOGIN UNIX-TCPCHAT.INIT)
  (INITVARS (CHAT.LOGINS)
    (CHAT.LOGINS.MENU))
  (GLOBALVARS CHAT.LOGINS CHAT.LOGINS.MENU)
  (DECLARE%: DONTEVAL@LOAD DOCOPY (FILES (SYSLOAD)
    UNIXCHAT)
    (ADDVARS (AROUNDEXITFNS UNIX-TCPCHAT.INIT))
    (P (UNIX-TCPCHAT.INIT))
```

(DEFINEQ

(**UNIX-TCPCHAT.HOST.FILTER**

```
[LAMBDA (HOST)
  (if (NOT (STRPOSL (CHARCODE (" " SPACE))
    HOST))
```

; Edited 14-Feb-90 15:17 by bvm

then ;; At least reject XNS names or things that will give RLOGIN a syntactic problem. Really should test whether HOST is a valid ip host
;; name, but I don't know how to do that from here.

```
[LET [(UPHOST (MKATOM (U-CASE HOST)
  (if (NOT (ASSOC UPHOST NETWORKKOSTYPES))
    then (push NETWORKKOSTYPES ` (,UPHOST . UNIX]
  (LIST HOST (FUNCTION UNIX-TCPCHAT.OPEN))
```

(**UNIX-TCPCHAT.OPEN**

```
[LAMBDA (HOST TERMTYPE LOGOPTION)
```

; Edited 30-Sep-2021 19:23 by briggs
; Edited 14-Feb-90 18:36 by bvm

;; For use on Maiko: chat to HOST by using ssh in a shell window.

```
(LET (NAME STR)
  (if [AND (OR (NEQ LOGOPTION 'NONE)
    (SETQ NAME (UNIX-TCPCHAT.GET.LOGIN HOST)))
    (SETQ STR (CREATE-SHELL-STREAM TERMTYPE (CL:FORMAT NIL "exec ssh ~@[-l ~A ~]~A" NAME HOST)
  then (STREAMPROP STR 'SENDSCREENPARAMS (FUNCTION UNIX.SENDSCREENPARAMS))
    (STREAMPROP STR 'SETDISPLAYTYPE (FUNCTION UNIX.SETDISPLAYTYPE))
    (LIST STR STR 'LOGOPTION 'NONE))
```

(**UNIX-TCPCHAT.GET.LOGIN**

```
[LAMBDA (HOST)
  (LET (NAME)
    (if (OR (NULL CHAT.LOGINS)
      (EQ [SETQ NAME (MENU (OR CHAT.LOGINS.MENU (SETQ CHAT.LOGINS.MENU
        (create MENU
          ITEMS _ [APPEND CHAT.LOGINS
            ' ("**other**" T "Prompts for a
              name to login as"]
          CENTERFLG _ T
          TITLE _ "Log in as:")
        T))
      then ; Prompt for a name
        (if (SETQ NAME (CHAT.PROMPT.FOR.INPUT (CL:FORMAT NIL "Log in to ~A as user: " HOST)
          NIL 16))
          then (SETQ CHAT.LOGINS (SORT (CONS NAME CHAT.LOGINS)
            (FUNCTION UALPHORDER)))
            (SETQ CHAT.LOGINS.MENU NIL)))
        NAME]))
```

; Edited 15-Feb-90 11:28 by bvm

(**UNIX-TCPCHAT.INIT**

```
[LAMBDA (EVENT)
```

; Edited 26-Oct-89 15:24 by bvm

;; If we wake up on Sun, install a new version of the tcp chat host filter.

```
(SELECTQ EVENT
  ((AFTERLOGOUT AFTERSYSOUT AFTERMAKESYS AFTERSAVEVM NIL)
    (if (EQ (MACHINETYPE)
      'MAIKO)
      then [if (NOT (CL:ASSOC 'N CHAT.PROTOCOL.ABBREVS :TEST 'STRING-EQUAL))
        then ; TCPCHAT wasn't loaded--make sure that /n works
          (push CHAT.PROTOCOL.ABBREVS ' (N . TCP]
```

```
(PUTASSOC 'TCP (FUNCTION UNIX-TCPCHAT.HOST.FILTER)
           CHAT.PROTOCOLTYPES) ; Won't need to do this again, as you can't run a Sun sysout on a
                               ; D machine.
(SETQ AROUNDEXITFNS (DREMOVE (FUNCTION UNIX-TCPCHAT.INIT)
                              AROUNDEXITFNS)))
NIL])

)

(RPAQ? CHAT.LOGINS )

(RPAQ? CHAT.LOGINS.MENU )

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS CHAT.LOGINS CHAT.LOGINS.MENU)
)

(DECLARE%: DONTEVAL@LOAD DOCOPY

(FILESLoad (SYSLOAD)
           UNIXCHAT)

(ADDTovar AROUNDEXITFNS UNIX-TCPCHAT.INIT)

(UNIX-TCPCHAT.INIT)
)

(PUTPROPS UNIXTELNET COPYRIGHT ("Xerox Corporation" 1989 1990))
```

FUNCTION INDEX

UNIX-TCPCHAT.GET.LOGIN ..1 UNIX-TCPCHAT.HOST.FILTER 1 UNIX-TCPCHAT.INIT1 UNIX-TCPCHAT.OPEN1

VARIABLE INDEX

AROUNDEXITFNS2 CHAT.LOGINS2 CHAT.LOGINS.MENU2
