

File created: 8-Sep-87 11:48:32 {DSK}<LISPPFILES>MATT>DPUPFTPPATCH.;6

changes to: (FNS \FTP.NEGOTIATED.CONNECTION.SOCKET)

previous date: 24-Jul-87 12:29:41 {DSK}<LISPPFILES>MATT>DPUPFTPPATCH.;5

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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(RPAQQ DPUPFTPPATCHCOMS

```
((DECLARE%: DOCOPY FIRST (FILES DPUPFTP))
 (FNS \FTP.NEGOTIATED.CONNECTION.SOCKET \FTP.OPEN.CONNECTION)
 (INITVARS (*FTP.NEGOTIATED.CONNECTION.HOSTS* NIL))
 (GLOBALVARS *FTP.NEGOTIATED.CONNECTION.HOSTS*)
 (CONSTANTS (\PT.NEGOTIATED.CONNECTION 128)
 (\PUPSOCKET.NEGOTIATED.CONNECTION 63))
 (DECLARE%: DONTCOPY (FILES (LOADCOMP
 DPUPFTP))
 (PROP (FILETYPE MAKEFILE-ENVIRONMENT)
 DPUPFTPPATCH)))
```

(DECLARE%: DOCOPY FIRST

(FILESLOAD DPUPFTP)
)

(DEFINEQ

(\FTP.NEGOTIATED.CONNECTION.SOCKET

```
[LAMBDA (PORT)
 (DECLARE (GLOBALVARS *FTP.NEGOTIATED.CONNECTION.HOSTS*)) ; Edited 8-Sep-87 11:46 by Matt Heffron
 (if (ZEROP (CDR PORT))
 then [CONS (CAR PORT)
 (COND
 ((EQ (CDR PORT)
 0)
 \PUPSOCKET.FTP)
 (T (CDR PORT]
 (if (MEMB (CAR PORT)
 *FTP.NEGOTIATED.CONNECTION.HOSTS*)
 then (LET ((PUP (ALLOCATE.PUP))
 RESULT.FTP.SOCKET NEGOTIATIONSOCKET)
 (CLEARPUP PUP)
 (SETQ NEGOTIATIONSOCKET (SETUPPUP PUP (CAR PORT)
 \PUPSOCKET.NEGOTIATED.CONNECTION
 \PT.NEGOTIATED.CONNECTION NIL NIL 'FREE))
 (SENDPUP NEGOTIATIONSOCKET PUP)
 (SETQ PUP (GETPUP NEGOTIATIONSOCKET 10000))
 (if PUP
 then (SETQ RESULT.FTP.SOCKET (fetch PUPSOURCESOCKET of PUP))
 (RELEASE.PUP PUP))
 else ;; Timed-out, just do it the old-fashioned way.
 (SETQ RESULT.FTP.SOCKET \PUPSOCKET.FTP))
 (CONS (CAR PORT)
 RESULT.FTP.SOCKET))
 else ;; This is not talking to a known FTP negotiated connection host. So use the standard \PUPSOCKET.FTP.
 (CONS (CAR PORT)
 \PUPSOCKET.FTP))
 else ;; If they specified an explicit SOCKET in the PORT (i.e. in the HOST argument to \FTP.OPEN.CONNECTION), just return that PORT.
 PORT])
```

(\FTP.OPEN.CONNECTION

```
[LAMBDA (HOST ECHOSTREAM FAILURESTRING) ; Edited 21-Jul-87 18:45 by Matt Heffron
 (LET ((PORT (BESTPUPADDRESS HOST PROMPTWINDOW))
 INSTREAM)
 (if [AND PORT (SETQ INSTREAM (OPENBSPSTREAM (\FTP.NEGOTIATED.CONNECTION.SOCKET PORT)
 NIL
 (FUNCTION \FTP.ERRORHANDLER)
 NIL NIL (FUNCTION \FTP.WHENCLOSED)
 (OR FAILURESTRING "Can't open FTP connection"]
 then (if (TYPENAMEP INSTREAM 'STREAM)
 then (SETQ INSTREAM (create FTPCONNECTION
 FTPIN _ INSTREAM
 FTPOUT _ (BSPOUTPUTSTREAM INSTREAM)
 FTPHOST _ [\CANONICAL.HOSTNAME (COND
 ((LITATOM HOST)
```

```
HOST)
(T (ETHERHOSTNAME PORT]

                                FTPBUSY _ T))
  (if (\FTP.SENDVERSION INSTREAM ECHOSTREAM)
      then (push \FTP.CONNECTIONS INSTREAM)
           INSTREAM
      else (CLOSEBSPSTREAM (fetch FTPIN of INSTREAM)))
  else INSTREAM])
)

(RPAQ? *FTP.NEGOTIATED.CONNECTION.HOSTS* NIL)

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS *FTP.NEGOTIATED.CONNECTION.HOSTS*)
)

(DECLARE%: EVAL@COMPILE

(RPAQQ \PT.NEGOTIATED.CONNECTION 128)

(RPAQQ \PUPSOCKET.NEGOTIATED.CONNECTION 63)

(CONSTANTS (\PT.NEGOTIATED.CONNECTION 128)
            (\PUPSOCKET.NEGOTIATED.CONNECTION 63))
)

(DECLARE%: DONTCOPY

(FILESLoad (LOADCOMP)
            DPUPFTP)
)

(PUTPROPS DPUPFTPPATCH FILETYPE :TCOMPL)

(PUTPROPS DPUPFTPPATCH MAKEFILE-ENVIRONMENT (:READTABLE "INTERLISP" :PACKAGE "INTERLISP"))

(PUTPROPS DPUPFTPPATCH COPYRIGHT ("Matt Heffron & XEROX Corporation" 1987))
```

FUNCTION INDEX

\FTP.NEGOTIATED.CONNECTION.SOCKET1 \FTP.OPEN.CONNECTION1

CONSTANT INDEX

\PT.NEGOTIATED.CONNECTION2 \PUPSOCKET.NEGOTIATED.CONNECTION2

PROPERTY INDEX

DPUPFTPPATCH2

VARIABLE INDEX

FTP.NEGOTIATED.CONNECTION.HOSTS2
