


```

                                (fetch PUPIDHI of OPUP))
                                (EQ (fetch PUPIDLO of IPUP)
                                     (fetch PUPIDLO of OPUP))
                                (EQ (fetch PUPLength of IPUP)
                                     ECHOPUPLength)
                                (IEQP (GETPUPWORD IPUP 0)
                                     1))
                                (RELEASE.PUP IPUP))
                                (RETURN T]
                                (SETQ i (ADD1 i))
                                (SETQ interval (ITIMES interval 2))
                                (GO TryAgain)))
(NSFILING (RESETLST
            (PROG ((i 1)
                    (interval initialInterval)
                    (ECHOADDRESS (OR (COERCE-TO-NSADDRESS name \NS.WKS.Echo)
                                     (\ILLEGAL.ARG name)))
                    NSOC OXIP ECHOXIPLength IXIP)
                    (OR ECHOADDRESS (RETURN NIL))
                    [RESETSAVE NIL (LIST 'CLOSENSOCKET (SETQ NSOC (OPENNSOCKET)
                    (if (IGREATERP i retryCount)
                        then (RETURN NIL))
                    (SETQ OXIP (\FILLINXIP \XIPT.ECHO NSOC ECHOADDRESS))
                    (XIPAPPEND.WORD OXIP \XECHO.OP.REQUEST)
                    (XIPAPPEND.WORD OXIP 1)
                    (SETQ ECHOXIPLength (fetch XIPLength of OXIP))
TryAgain
                    (if (IGREATERP i retryCount)
                        then (RETURN NIL))
                    (SENDXIP NSOC OXIP)
                    [COND
                    ((SETQ IXIP (GETXIP NSOC interval))
                     (COND
                      ((PROG1 (AND (EQ (fetch XIPTYPE of IXIP)
                                       \XIPT.ECHO)
                                   (EQ (fetch XIPLength of IXIP)
                                       ECHOXIPLength)
                                   (EQ (\GETBASE (fetch XIPCONTENTS of IXIP)
                                                0)
                                       \XECHO.OP.REPLY))
                                   (RELEASE.XIP IXIP))
                       (RETURN T]
                      (SETQ i (ADD1 i))
                      (SETQ interval (LLSH interval 1))
                      (GO TryAgain))))
(FLOPPY ;; the FLOPPY disk
        ;; Should be (FLOPPY.CAN.READP) but this triggers a bug in the Floppy handler
        T)
(TCP ;; A TCP device. Punt on them
  T)
(NOFDEV ;; we can't create an FDEV for the device, so it can't be up
  NIL)
T])

)

(RPAQ? HOSTUP.TIMEOUT 15000)

(RPAQ? HOSTUP.RETRYCNT 5)

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS HOSTUP.TIMEOUT HOSTUP.RETRYCNT)
)

(DECLARE%: DONTVAL@LOAD DONTCOPY EVAL@COMPILE

(FILESLoad SYSEDIT [FROM VALUEOF (for D in LISPUSERSDIRECTORIES
                                until (INFILEP (PACKFILENAME 'NAME 'LLNSDECLS 'BODY
                                                         (SETQ $$VAL (PACKFILENAME 'HOST (FILENAMEFIELD
                                                                 D
                                                                 'HOST)
                                                         'DIRECTORY
                                                         (CONCAT "LISP>" MAKESYSNAME
                                                         ">SOURCES"]

LLNSDECLS
(LOADCOMP)
LLNS)
)

(PUTPROPS HOSTUP COPYRIGHT ("Johannes A. G. M. Koomen" 1988 1989))

```

FUNCTION INDEX

HOSTUP?1

VARIABLE INDEX

HOSTUP.RETRYCNT2 HOSTUP.TIMEOUT2
