

File created: 2-Aug-89 13:02:26 {DSK}<LISPPFILES>PS>PS-SEND.;9

changes to: (VARS PS-SENDCOMS)
(PROPS (PS-SEND MAKEFILE-ENVIRONMENT))

previous date: 27-Jan-89 12:09:04 {DSK}<LISPPFILES>PS>PS-SEND.;8

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::
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(RPAQQ PS-SENDCOMS

```
( (FNS POSTSCRIPT.SEND SUN.PS.SEND)
  [P ;; "load the unixcomm software if you are on a sun.
    (IF (EQ (MACHINETYPE)
            'MAIKO)
      THEN
        (FILESLOAD 'UNIXCOMM)
    (PROP (FILETYPE MAKEFILE-ENVIRONMENT)
          PS-SEND)))
```

(DEFINEQ

(POSTSCRIPT.SEND

```
[LAMBDA (HOST FILE PRINTOPTIONS)
  (if (EQ (MACHINETYPE)
        'MAIKO)
```

; Edited 27-Jan-89 10:53 by Matt Heffron

```
  then ;; Sun code compliments of Will Snow @ Envos.
        ;; we're on a SUN, let's print this file as directly as possible.
```

```
    (SUN.PS.SEND HOST FILE PRINTOPTIONS)
  else [OR HOST (SETQ HOST (CAR (MKLIST DEFAULTPRINTINGHOST)
                                (if (LISTP HOST)
                                    then (SETQ HOST (CADR HOST))))
        (LET* ([INFILE (OPENSTREAM FILE 'INPUT NIL ' ((TYPE TEXT)
                                                         (SEQUENTIAL T)
                                                         (SPOOLDIRECTORY (GETPROP HOST 'SPOOLDIRECTORY))
                                                         (SPOOLFILE (GETPROP HOST 'SPOOLFILE))
                                                         (SPOOLOPTIONS (GETPROP HOST 'SPOOLOPTIONS))
                                                         (OUTFILE (if SPOOLFILE
                                                                    then (OPENSTREAM SPOOLFILE 'OUTPUT NIL (APPEND ' ((TYPE TEXT)
                                                                                                     (SEQUENTIAL T)
                                                                                                     SPOOLOPTIONS))
                                                                    elseif SPOOLDIRECTORY
                                                                    then (OPENSTREAM (CONCAT SPOOLDIRECTORY (GENSYM USERNAME)
                                                                                                     ".PS")
                                                                    'OUTPUT NIL (APPEND ' ((TYPE TEXT)
                                                                                                     (SEQUENTIAL T)
                                                                                                     SPOOLOPTIONS))
                                                                    else (CL:ERROR "~&Don't know how to send to: ~S" HOST)))
          (PRETTYDEST (if (OR SPOOLFILE SPOOLDIRECTORY)
                          then (CONCAT (FULLNAME OUTFILE)
                                         " (" HOST ")")
                          else HOST)))
    (if OUTFILE
      then (printout PROMPTWINDOW "[Sending " FILE " to " PRETTYDEST "...]" T)
            (LET [(POSTSCRIPTSTRING (LISTGET PRINTOPTIONS 'POSTSCRIPT.CONTROL.STRING)
              (PRIN1 (GET HOST 'HOST.CONTROL.STRING "")
                     OUTFILE)
              (if POSTSCRIPTSTRING
                then (PRIN1 (CL:READ-LINE INFILE)
                             OUTFILE)
                     (TERPRI OUTFILE)
                     (PRIN1 POSTSCRIPTSTRING OUTFILE)))
            (COPYBYTES INFILE OUTFILE)
            (CLOSEF INFILE)
            (PRIN1 (GET HOST 'HOST.CONTROL.AFTER.STRING "")
                   OUTFILE)
            (CLOSEF OUTFILE)
            (printout PROMPTWINDOW "[Finished sending " FILE " to " PRETTYDEST ".]" T)
      else (printout PROMPTWINDOW "[Unable to send " FILE " to " PRETTYDEST ".]" T])
```

(SUN.PS.SEND

```
[LAMBDA (HOST FILE PRINTOPTIONS)
```

; Edited 30-Dec-88 18:59 by demo

```
  ;; print a postscript file when you're on a sun. The printoptions get
  ;; dropped for now.
```

```
  [IF (NULL HOST)
    THEN (SETQ HOST (OR DEFAULTPRINTINGHOST (UNIX-GETENV "PRINTER"]
```

```
(IF (LISTP HOST)
  THEN (SETQ HOST (CAR HOST)))
(CL:UNLESS (STRINGP HOST)
  (L-CASE (MKSTRING HOST)))
;; now we have a "real" host name for the printer
(CL:WITH-OPEN-STREAM [INSTREAM (OPENSTREAM FILE 'INPUT NIL ' ((TYPE TEXT)
  (SEQUENTIAL T)
  (CL:WITH-OPEN-STREAM (OUTSTREAM (CREATE-PROCESS-STREAM (CONCAT "/usr/ucb/lpr -P" HOST)))
    (PRINTOUT PROMPTWINDOW "[Sending " FILE " to " HOST "...]" T)
    (COPYBYTES INSTREAM OUTSTREAM)
    (PRINTOUT PROMPTWINDOW "[Finished sending " FILE " to " HOST ".]" T))
  )
)

;; "load the unixcomm software if you are on a sun.
(IF (EQ (MACHINETYPE)
  'MAIKO)
  THEN (FILESLOAD 'UNIXCOMM))

(PUTPROPS PS-SEND FILETYPE :TCOMPL)
(PUTPROPS PS-SEND MAKEFILE-ENVIRONMENT (:PACKAGE "INTERLISP" :READTABLE "INTERLISP"))
(PUTPROPS PS-SEND COPYRIGHT ("Beckman Instruments, Inc" 1988 1989))
```

FUNCTION INDEX

POSTSCRIPT.SEND1 SUN.PS.SEND1

PROPERTY INDEX

PS-SEND2
