

File created: 7-Jun-93 15:34:58 {DSK}<project>medley2.0>lispusers>SETDEFAULTPRINTER.;7

changes to: (VARS SETDEFAULTPRINTERCOMS)
(FNS \sdp.menu.subitems)

previous date: 29-May-93 15:44:06 {DSK}<project>medley2.0>lispusers>SETDEFAULTPRINTER.;6

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

;;
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(RPAQQ SETDEFAULTPRINTERCOMS

;; the regular DEFAULTSUBITEMFN modified to recognize EVAL as a key to EVAL the CADR of the list to get the subitems

(FILES DEFAULTSUBITEMFN)

;; the setdefaultprinter functions

(FNS \sdp.menu.subitems \sdp.set.printer)

;; SDP.PRINTERINFO is the place to look up things like printer location, it also looks on the name of the printer for a LOCATION property

(INITVARS (SDP.PRINTERINFO NIL))

;; insinuate self into background menu

[ADDVARS (BackgroundMenuCommands ("Set Default Printer" (\sdp.set.printer (GetNewPrinterFromUser))
"Asks for (new) default printer name. <cr> without entering
name aborts change."
(EVAL (\sdp.menu.subitems]

;; reset the background menu so our change takes effect, and remove space from the separators when reading printer names

(P (SETQ BackgroundMenu)))

;; the regular DEFAULTSUBITEMFN modified to recognize EVAL as a key to EVAL the CADR of the list to get the subitems

(FILESLOAD DEFAULTSUBITEMFN)

;; the setdefaultprinter functions

(DEFINEQ

(\sdp.menu.subitems

[LAMBDA NIL

(NCONC1 [FOR P PNAME INSIDE DEFAULTPRINTINGHOST COLLECT (LIST (IF (NLISTP P)
THEN P
ELSEIF (CADDR P)
THEN (CONCAT (CADR P)
" "
(CADDR P))
ELSE (CADR P))
(LIST '\sdp.set.printer (KWOTE P))
(OR (GETPROP (U-CASE P)
'LOCATION)
(CDR (ASSOC (U-CASE P)
SDP.PRINTERINFO])
(LIST "Other..." '\sdp.set.printer (GetNewPrinterFromUser))
"Asks for (new) default printer name. <cr> without entering name aborts change.])

; Edited 7-Jun-93 15:30 by rmk:
(* N.H.Briggs "24-Mar-86 16:09")

(\sdp.set.printer

[LAMBDA (PRINTER)

;; CANONICAL.HOSTNAME is NIL except for XNS hosts

(SETQ DEFAULTPRINTINGHOST (MKLIST DEFAULTPRINTINGHOST))

[IF PRINTER

THEN ;; Convert to canonical name

(SETQ PRINTER (IF (LISTP PRINTER)
THEN (LIST (CAR PRINTER)

; Edited 29-May-93 15:11 by rmk:
(* N.H.Briggs "8-Jul-86 12:29")

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(OR (CANONICAL.HOSTNAME (CADR PRINTER))
    (CADR PRINTER))
(CADDR PRINTER))
ELSE (OR (CANONICAL.HOSTNAME PRINTER)
          PRINTER))
(LET ((TOP (CAR DEFAULTPRINTINGHOST))
      (CANONICALPRINTERNAME (IF (LISTP PRINTER)
                                THEN (CADR PRINTER)
                                ELSE PRINTER)))
      (IF (IF (LISTP PRINTER)
              THEN [AND (LISTP TOP)
                        (EQ (CAR TOP)
                            (CAR PRINTER))
                        (EQ (CADDR TOP)
                            (CADDR PRINTER))
                        (STRING-EQUAL CANONICALPRINTERNAME (OR (CANONICAL.HOSTNAME (CADR TOP))
                                                                (CADR TOP))
                                (AND (NLISTP TOP)
                                    (STRING-EQUAL (OR (CANONICAL.HOSTNAME TOP)
                                                       TOP)
                                                  CANONICALPRINTERNAME)))
              THEN (PROMPTPRINT "default printer not changed")
              ELSE [SETQ DEFAULTPRINTINGHOST
                    (CONS PRINTER (IF (LISTP PRINTER)
                                      THEN (FOR P IN DEFAULTPRINTINGHOST
                                             UNLESS [AND (LISTP P)
                                                         (EQ (CAR P)
                                                             (CAR PRINTER))
                                                         (EQ (CADDR P)
                                                             (CADDR PRINTER))
                                                         (STRING-EQUAL CANONICALPRINTERNAME
                                                                     (OR (CANONICAL.HOSTNAME (CADR P))
                                                                     (CADR P])
                                             COLLECT P)
                                      ELSE (FOR P IN DEFAULTPRINTINGHOST
                                             UNLESS (AND (NLISTP P)
                                                         (STRING-EQUAL CANONICALPRINTERNAME
                                                                     (OR (CANONICAL.HOSTNAME P)
                                                                     P)))
                                             COLLECT P]
                    (PROMPTPRINT "default printer set to " PRINTER]
      NIL])
)

```

;;; SDP.PRINTERINFO is the place to look up things like printer location, it also looks on the name of the printer for a LOCATION property

```
(RPAQ? SDP.PRINTERINFO NIL)
```

;;; insinuate self into background menu

```

(ADDTOVAR BackgroundMenuCommands ("Set Default Printer" (\sdp.set.printer (GetNewPrinterFromUser))
                                  "Asks for (new) default printer name. <cr> without entering name
                                  aborts change."
                                  (EVAL (\sdp.menu.subitems))))

```

;;; reset the background menu so our change takes effect, and remove space from the separators when reading printer names

```
(SETQ BackgroundMenu)
```

```
(PUTPROPS SETDEFAULTPRINTER COPYRIGHT ("Xerox Corporation" 1985 1986 1987 1993))
```

FUNCTION INDEX

\sdp.menu.subitems1 \sdp.set.printer1

VARIABLE INDEX

BackgroundMenuCommands2 SDP.PRINTERINFO2
