

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")
```

```

                                (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])
              ELSE (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

```

(ADDTOTVAR 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

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