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

(**sdp.set.printer**
```
  [LAMBDA (PRINTER)                                        ; Edited 29-May-93 15:11 by rmk:
                                                           (* N.H.Briggs " 8-Jul-86 12:29")

    ;; 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)
```

```
                                                (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

```
(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))
```