```
;;
;; Copyright (c) 1985, 1987, 1990 by Venue & Xerox Corporation.  All rights reserved.


(RPAQQ DSKDISPLAYCOMS
       ((DECLARE%: EVAL@COMPILE DONTCOPY (FILES (LOADCOMP)
                                               LOCALFILE))
        (DECLARE%: (LOCALVARS . T))
        (FNS DSKDISPLAY \DSKDISPLAY.BUTTONEVENTFN \DSKDISPLAY.UPDATE \DSKDISPLAY.CREATE.WINDOW
             \DSKDISPLAY.DESTROY.WINDOW \DSKDISPLAY.REPAINTFN \DSKDISPLAY.RESHAPEFN)
        (GLOBALVARS \DSKDISPLAY.FONT \DSKDISPLAY.BOLD \DSKDISPLAY.STATE \DSKDISPLAY.WINDOW DSKDISPLAY.POSITION)
        (INITVARS (\DSKDISPLAY.FONT (FONTCREATE 'GACHA 10 'MRR))
              (\DSKDISPLAY.BOLD (FONTCREATE 'GACHA 10 'BRR))
              (DSKDISPLAY.POSITION (CONS 100 50))
```
                                                          ; Original was (CREATE POSITION XCOORD _ 100 YCOORD
                                                          ; _ 50).
                                                          ; Changed by yabu.fx, for SUNLOADUP without DWIM.
```
              (\DSKDISPLAY.STATE 'CLOSED)
              (\DSKDISPLAY.WINDOW NIL))))

(DECLARE%: EVAL@COMPILE DONTCOPY

(FILESLOAD (LOADCOMP)
      LOCALFILE)
)

(DECLARE%:

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(LOCALVARS . T)
)
)

(DEFINEQ
```

(DSKDISPLAY

```
  [LAMBDA (newState)                                            ; Edited 12-Jan-87 12:19 by amd
    ;; Returns the old state of the file system display window.  If newState is one of {ON, OFF, CLOSED}, sets this to be the new state: ON means
    ;; updates continuously, OFF means updates only when buttoned, CLOSED means the display window is indeed closed.

    (SELECTQ (MACHINETYPE)
        ((DANDELION DOVE)
          (if (\PFEnsureInitialized)
              then (LET ((oldState \DSKDISPLAY.STATE))
                        (SELECTQ newState
                            ((ON OFF)
                              (SETQ \DSKDISPLAY.STATE newState)
                              (\DSKDISPLAY.CREATE.WINDOW)
                              (WINDOWPROP \DSKDISPLAY.WINDOW 'TITLE (CONCAT "Local File System Display: "
                                                  \DSKDISPLAY.STATE))
                              (REDISPLAYW \DSKDISPLAY.WINDOW))
                            (CLOSED (SETQ \DSKDISPLAY.STATE newState)
                                (\DSKDISPLAY.DESTROY.WINDOW))
                          NIL)
                        oldState))
        NIL])
```

(\DSKDISPLAY.BUTTONEVENTFN

```
  [LAMBDA (W)                                                   ; Edited 12-Jan-87 12:19 by amd
    ;; Button event function to allow user to change file system display state with the mouse.

    (if (MOUSESTATE LEFT)
        then (\DSKDISPLAY.REPAINTFN W)
      elseif (MOUSESTATE MIDDLE)
        then (DSKDISPLAY (MENU (create MENU
                                  ITEMS _ '(ON OFF CLOSED])
```

(\DSKDISPLAY.UPDATE

```
  [LAMBDA NIL                                                   ; Edited 12-Jan-87 12:19 by amd
    ;; IF the local file system window stuff is set for continuous update, and there is a valid display window, update the display window.

    (if (AND (EQ \DSKDISPLAY.STATE 'ON)
```

```
                    (WINDOWP \DSKDISPLAY.WINDOW))
               then (REDISPLAYW \DSKDISPLAY.WINDOW])
```

(**DSKDISPLAY.CREATE.WINDOW**

```
  [LAMBDA NIL                                                        ; Edited 12-Jan-87 15:35 by amd

     ;; Creates the local file system display window.

      (if (NOT (WINDOWP \DSKDISPLAY.WINDOW))
          then (SETQ \DSKDISPLAY.WINDOW (CREATEW (create REGION
                                                     WIDTH _ 300
                                                     HEIGHT _ (IPLUS (ITIMES (FONTPROP \DSKDISPLAY.FONT
                                                                                'HEIGHT)
                                                                             (IPLUS (LENGTH (\PFGetVols))
                                                                                    2))
                                                                     (ITIMES WBorder 2)
                                                                     (FONTPROP WindowTitleDisplayStream
                                                                               'HEIGHT))
                                                     LEFT _ (fetch (POSITION XCOORD) of DSKDISPLAY.POSITION)
                                                     BOTTOM _ (fetch (POSITION YCOORD) of DSKDISPLAY.POSITION))
                                              "1108 Local File System"))
                 (WINDOWPROP \DSKDISPLAY.WINDOW 'REPAINTFN (FUNCTION \DSKDISPLAY.REPAINTFN))
                 [WINDOWPROP \DSKDISPLAY.WINDOW 'RESHAPEFN (FUNCTION (LAMBDA (W)
                                                                (\DSKDISPLAY.REPAINTFN W)
                                                                (LET [(REG (WINDOWPROP W 'REGION]
                                                                     (SETQ DSKDISPLAY.POSITION
                                                                       (create POSITION
                                                                               XCOORD _ (fetch (REGION LEFT)
                                                                                           of REG)
                                                                               YCOORD _ (fetch (REGION BOTTOM)
                                                                                           of REG]
                 [WINDOWPROP \DSKDISPLAY.WINDOW 'MOVEFN (FUNCTION (LAMBDA (W POS)
                                                                (SETQ DSKDISPLAY.POSITION POS]
                 (WINDOWPROP \DSKDISPLAY.WINDOW 'BUTTONEVENTFN (FUNCTION \DSKDISPLAY.BUTTONEVENTFN))
                 (WINDOWPROP \DSKDISPLAY.WINDOW 'CLOSEFN (FUNCTION (LAMBDA NIL
                                                                (DSKDISPLAY 'CLOSED])
```

(**DSKDISPLAY.DESTROY.WINDOW**

```
  [LAMBDA NIL                                                        (* edited%: " 4-Jul-85 02:35")

            (* * Purges the local file system display window)

      (if [AND (WINDOWP \DSKDISPLAY.WINDOW)
               (NULL (WINDOWPROP \DSKDISPLAY.WINDOW 'CLOSING]
          then (WINDOWPROP \DSKDISPLAY.WINDOW 'CLOSING T)
               (CLOSEW \DSKDISPLAY.WINDOW)
               (SETQ \DSKDISPLAY.WINDOW NIL])
```

(**DSKDISPLAY.REPAINTFN**

```
  [LAMBDA (W)                                                        (* edited%: " 4-Jul-85 03:08")
      (CLEARW W)
      (printout W .FONT \DSKDISPLAY.FONT "Default directory: " .FONT \DSKDISPLAY.BOLD (DIRECTORYNAME '{DSK})
             .FONT \DSKDISPLAY.FONT T "Logical Volumes:" T)
      (for vol in (\PFGetVols) do (printout W .FONT \DSKDISPLAY.FONT (if (\LFDirectoryP vol)
                                                                        then "* "
                                                                        else "  ")
                                    (\PFVolumeNumber vol)
                                    " " .FONT \DSKDISPLAY.BOLD (fetch (LogicalVolumeDescriptor LVlabel)
                                                                 of vol)
                                    "  " .FONT \DSKDISPLAY.FONT .FR 22 (fetch (LogicalVolumeDescriptor
                                                                               volumeSize)
                                                                         of vol)
                                    " Pages" .FR 35 (fetch (LogicalVolumeDescriptor freePageCount) of vol)
                                    " Free" T])
```

(**DSKDISPLAY.RESHAPEFN**

```
  [LAMBDA (W)                                                        (* hts%: " 6-Aug-85 14:11")

            (* * Takes care of the necessary glop after reshaping the display window%: redisplays it and remembers the new position.)

      (\DSKDISPLAY.REPAINTFN W)
      [LET [(REG (WINDOWPROP W 'REGION]
           (SETQ DSKDISPLAY.POSITION (create POSITION
                                             XCOORD _ (fetch (REGION LEFT) of REG)
                                             YCOORD _ (fetch (REGION BOTTOM) of REG]
      NIL])
)

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS \DSKDISPLAY.FONT \DSKDISPLAY.BOLD \DSKDISPLAY.STATE \DSKDISPLAY.WINDOW DSKDISPLAY.POSITION)
)
```

(RPAQ? **\DSKDISPLAY.FONT** (FONTCREATE 'GACHA 10 'MRR))

(RPAQ? **\DSKDISPLAY.BOLD** (FONTCREATE 'GACHA 10 'BRR))

(RPAQ? **DSKDISPLAY.POSITION** (CONS 100 50))

(RPAQ? **\DSKDISPLAY.STATE** 'CLOSED)

(RPAQ? **\DSKDISPLAY.WINDOW** NIL)

(PUTPROPS **DSKDISPLAY COPYRIGHT** ("Venue & Xerox Corporation" 1985 1987 1990))

FUNCTION INDEX

VARIABLE INDEX