

File created: 17-May-90 16:13:16 {DSK}<usr>local>lde>lispcore>sources>VANILLADISK.;2

changes to: (VARS VANILLADISKCOMS)

previous date: 7-Apr-88 17:53:38 {DSK}<usr>local>lde>lispcore>sources>VANILLADISK.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

; Copyright (c) 1985, 1986, 1988, 1990 by Venue & Xerox Corporation. All rights reserved.

```
(RPAQQ VANILLADISKCOMS ((FNS \\VANILLADISKINIT \\VANILLAHOSTNAMEP \\VANILLAEVENTFN)
  (INITVARS (\\PSEUDODSK))
  (GLOBALVARS \\PSEUDODSK \\DISKNAMECASEARRAY)
  (DECLARE\ : DONTEVAL@LOAD (P (\\VANILLADISKINIT)))
  (LOCALVARS . T)))
```

(DEFINEQ

(\\VANILLADISKINIT

```
(LAMBDA NIL (PROG ((ARR (COPYARRAY UPPER CASEARRAY))) (* |bvm:| "30-Jan-85 21:43")
```

```
(* |Set| |up| |array| |that| |maps| |illegal| |filename| |chars| |to| 0 |and| |synonymous| |characters| |to| \a |canonical| |char|)
```

```
(|for| I |from| 0 |to| (SUB1 (CHARCODE 0)) |do| (SETCASEARRAY ARR I 0)) (* |Non-printing| |characters| |verboten|)
```

```
(|for| I |from| (ADD1 (CHARCODE 9)) |to| (SUB1 (CHARCODE A)) |do| (SETCASEARRAY ARR I 0))
```

```
(|for| I |from| (ADD1 (CHARCODE Z)) |to| (SUB1 (CHARCODE \a)) |do| (SETCASEARRAY ARR I 0))
```

```
(|for| I |from| (ADD1 (CHARCODE \z)) |to| \\MAXCHAR |do| (SETCASEARRAY ARR I 0))
```

```
(SETCASEARRAY ARR (CHARCODE \;))
```

```
(CHARCODE \;))
```

```
(SETCASEARRAY ARR (CHARCODE !))
```

```
(CHARCODE \;))
```

```
(SETCASEARRAY ARR (CHARCODE *))
```

```
(CHARCODE *))
```

```
(SETCASEARRAY ARR (CHARCODE ESCAPE))
```

```
(CHARCODE *))
```

```
(SETCASEARRAY ARR (CHARCODE ?))
```

```
(CHARCODE \#))
```

```
(SETCASEARRAY ARR (CHARCODE \.))
```

```
(CHARCODE \.))
```

```
(SETCASEARRAY ARR (CHARCODE -))
```

```
(CHARCODE -))
```

```
(SETCASEARRAY ARR (CHARCODE +))
```

```
(CHARCODE +))
```

```
(SETCASEARRAY ARR (CHARCODE $))
```

```
(CHARCODE $))
```

```
(SETQ \\DISKNAMECASEARRAY ARR)
```

```
(* |Define| \a |device| |whose| |sole| |purpose| |is| |to| |select| |the| |appropriate| DSK |device| |depending| |on| |which|
|machine| |you're| |on|)
```

```
(\\DEFINEDEVICE NIL (|create| FDEV
  DEVICENAME _ "VANILLADISK"
  EVENTFN _ (FUNCTION NIL)
  HOSTNAMEP _ (FUNCTION \\VANILLAHOSTNAMEP))))
```

(\\VANILLAHOSTNAMEP

```
(LAMBDA (NAME)
```

; Edited 7-Apr-88 17:20 by masinter

```
(* |bvm:| "30-Jan-85 21:57")
```

;;; Fires up the appropriate file system for the machine you're running on

```
(SELECTQ (MACHINETYPE)
  (( DANDELION DOVE)
```

;;; If there is a valid Lisp directory on the disk, use that; otherwise use the pseudo-disk coredevice

```
(COND
  (( (NEQ NAME 'DSK) ; Not interested in any other names
    NIL)
  (( (AND (GETD ' |\\LFOpenDevice|)
    ( |\\LFOpenDevice| )))
  (T
```

;;; Define the PSEUDO-DSK device, if it hasn't been defined yet, and make DSK synonymous with it. On LOGOUT, the name DSK is disassociated with
;;; this device, but the device remains

```
(COND
  (( (NOT \\PSEUDODSK)
    (COREDEVICE ' PSEUDO-DSK)
    (SETQ \\PSEUDODSK (\\GETDEVICEFROMNAME ' PSEUDO-DSK))
    (|replace| (FDEV EVENTFN) |of| \\PSEUDODSK |with| (FUNCTION \\VANILLAEVENTFN))))
```

{MEDLEY}<sources>VANILLADISK.;1 (\\VANILLAHOSTNAMEP cont.)

Page 2

```
(\\DEFINEDEVICE 'DSK \\PSEUDODSK)
  \\PSEUDODSK))
(MAIKO (SELECTQ NAME
  (UNIX (|\\UFSOpenDevice|))
  (DSK (|\\DSKOpenDevice|))
  NIL))
((DOLPHIN DORADO)
  (\\M44HOSTNAMEP NAME))
NIL))
```

(\\VANILLAEVENTFN

(LAMBDA (FDEV EVENT)

(* |bvm:| "30-Jan-85 21:54")

(* * |Disassociates| |the| |name| DSK |from| |the| |pseudo| |disk,| |in| |case| |there's| \\a |real| |disk| |on| |the| |machine| |now|)

```
(SELECTQ EVENT
  ((AFTERLOGOUT AFTERSYSOUT AFTERMAKESYS AFTERSAVEVM)
  (\\REMOVEDEVICE.NAMES FDEV 'DSK))
  NIL))
```

)

(RPAQ? \\PSEUDODSK)

(DECLARE\ : DOEVAL@COMPILE DONTCOPY

(GLOBALVARS \\PSEUDODSK \\DISKNAMECASEARRAY)

(DECLARE\ : DONTEVAL@LOAD

(\\VANILLADISKINIT)

)

(DECLARE\ : DOEVAL@COMPILE DONTCOPY

(LOCALVARS . T)

)

(PUTPROPS VANILLADISK COPYRIGHT ("Venue & Xerox Corporation" 1985 1986 1988 1990))

FUNCTION INDEX

\\VANILLADISKINIT1 \\VANILLAEVENTFN2 \\VANILLAHOSTNAMEP1

VARIABLE INDEX

\\PSEUDODSK2
