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	

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


(DEFINEQ
```

(**VANILLADISKINIT**

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

          (* * |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 NILL)
                                 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))))
```

```
                    (\\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

VARIABLE INDEX