

File created: 31-May-90 12:23:59 {DSK}<users>mitani>medley>system>DSK.;1

changes to: (FNS \DSKEventFn)

previous date: 16-May-90 16:13:07 {DSK}<usr>local>lde>lispcore>sources>DSK.;2

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::  
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```
(RPAQQ DSKCOMS
  ((PROP (FILETYPE MAKEFILE-ENVIRONMENT)
         DSK)
   ;; Create FDEV function.
   (FNS \DSKCreateDevice \DSKOpenDevice \DSKCloseDevice)
   ;; UNIX File System's FDEV methods. Only one here--the rest are shared with UFS
   (FNS \DSKEventFn)
   ;; Variables for UFS.
   (INITVARS (\DSKDefaultConnDir "~/")
             (\DSKdevice)
             (\DSKtopMonitor (CREATE.MONITORLOCK "DSKTopMonitor")))
   (DECLARE%: EVAL@COMPILE DONTCOPY (GLOBALVARS \DSKdevice \DSKtopMonitor \DSKDefaultConnDir)
             (FILES (LOADCOMP)
                    UFS))))

(PUTPROPS DSK FILETYPE :BCOMPL)

(PUTPROPS DSK MAKEFILE-ENVIRONMENT (:PACKAGE "INTERLISP" :READTABLE "INTERLISP" :BASE 10))

;; Create FDEV function.

(DEFINEQ

(\DSKCreateDevice
 [LAMBDA NIL
   ; Edited 27-Feb-89 18:29 by bvm
   ;; Creates and remembers the local hard disk file device, but does not open the device or any of its associated directories.
   (if (AND (BOUNDP '\DSKdevice)
            (type? FDEV \DSKdevice))
       then \DSKdevice
       else (SETQ \DSKdevice (\UFS.CREATE.DEVICE 'DSK (FUNCTION \DSKEventFn))

(\DSKOpenDevice
 [LAMBDA NIL
   ; Edited 12-Apr-88 18:05 by HH
   (WITH.MONITOR \DSKtopMonitor
    (LET ((DEV (\DSKCreateDevice))
          (\DEFINEDEVICE 'DSK DEV)
          DEV)))

(\DSKCloseDevice
 [LAMBDA NIL
   ; Edited 28-Mar-88 11:11 by HH
   (WITH.MONITOR \DSKtopMonitor
    (\REMOVEDEVICE \DSKdevice)
    NIL)))

)

;; UNIX File System's FDEV methods. Only one here--the rest are shared with UFS

(DEFINEQ

(\DSKEventFn
 [LAMBDA (Dev Event)
   (DECLARE (GLOBALVARS \UFS.GFS.TABLE))
   ; Edited 3-May-90 17:37 by nm
   (WITH.MONITOR \DSKtopMonitor
    (SELECTQ Event
      ((AFTERLOGOUT AFTERSYSOUT AFTERSYSOUT AFTERSAVEVM)
       (\DSKCloseDevice)
       (SELECTQ (MACHINETYPE)
                (MAIKO (\DSKOpenDevice)
                       ;; revalidate open streams
                       (\UNVISIBLE.PAGED.REVALIDATEFILELST Dev)
                       (\PAGED.REVALIDATEFILELST Dev))
                ))
      ))

```

```
                [MAPHASH \UFS.GFS.TABLE (FUNCTION (LAMBDA (VAL KEY)
                                                    (\UFS.UNREGISTER.GFS VAL]
                (CLRHASH \UFS.GFS.TABLE))
                NIL))
  ((BEFORELOGOUT
    (\UNVISIBLE.FLUSH.OPEN.STREAMS Dev)           ; flush output buffers.
    (\FLUSH.OPEN.STREAMS Dev))
  NIL))] )
```

:: Variables for UFS.

```
(RPAQ? \DSKDefaultConnDir "~/")
(RPAQ? \DSKdevice )
(RPAQ? \DSKtopMonitor (CREATE.MONITORLOCK "DSKTopMonitor"))
(DECLARE%: EVAL@COMPILE DONTCOPY
(DECLARE%: DOEVAL@COMPILE DONTCOPY
(GLOBALVARS \DSKdevice \DSKtopMonitor \DSKDefaultConnDir)
)
(FILESLoad (LOADCOMP)
  UFS)
)
(PUTPROPS DSK COPYRIGHT ("Venue & Xerox Corporation" 1988 1989 1990))
```

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**FUNCTION INDEX**

\DSKCloseDevice .....1    \DSKCreateDevice .....1    \DSKEventFn .....1    \DSKOpenDevice .....1

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**VARIABLE INDEX**

\DSKDefaultConnDir .....2    \DSKdevice .....2    \DSKtopMonitor .....2

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**PROPERTY INDEX**

DSK .....1

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