ioctl FILEHANDLE,FUNCTION,SCALAR

Not implemented. (VMS)

Available only for socket handles, and it does what the ioctlsocket() call in the Winsock API does. (Win32)

Available only for socket handles. (RISC OS)

kill SIGNAL, LIST

`kill(0, LIST)` is implemented for the sake of taint checking; use with other signals is unimplemented. (Mac OS)

Not implemented, hence not useful for taint checking. (RISC OS)

`kill()` doesn't have the semantics of `raise()`, i.e. it doesn't send a signal to the identified process like it does on Unix platforms. Instead `kill($sig, $pid)` terminates the process identified by $pid, and makes it exit immediately with exit status $sig. As in Unix, if $sig is 0 and the specified process exists, it returns true without actually terminating it. (Win32)

link OLDFILE,NEWFILE

Not implemented. (Mac OS, MPE/iX, VMS, RISC OS)

Link count not updated because hard links are not quite that hard (They are sort of half-way between hard and soft links). (AmigaOS)

Hard links are implemented on Win32 (Windows NT and Windows 2000) under NTFS only.

lstat FILEHANDLE

lstat EXPR

lstat

Not implemented. (VMS, RISC OS)

Return values (especially for device and inode) may be bogus. (Win32)

msgctl ID,CMD,ARG

msgget KEY,FLAGS

msgsnd ID,MSG,FLAGS

msgrcv ID,VAR,SIZE,TYPE,FLAGS

Not implemented. (Mac OS, Win32, VMS, Plan 9, RISC OS, VOS)

open FILEHANDLE,EXPR

open FILEHANDLE

The | variants are supported only if ToolServer is installed. (Mac OS)

open to |- and -| are unsupported. (Mac OS, Win32, RISC OS)

Opening a process does not automatically flush output handles on some platforms. (SunOS, Solaris, HP-UX)

pipe READHANDLE,WRITEHANDLE

Very limited functionality. (MiNT)

readlink EXPR

readlink

Not implemented. (Win32, VMS, RISC OS)

select RBITS,WBITS,EBITS,TIMEOUT

Only implemented on sockets. (Win32, VMS)

Only reliable on sockets. (RISC OS)

Note that the `select FILEHANDLE` form is generally portable.