NAME

Fcntl - load the C Fcntl.h defines

SYNOPSIS

    use Fcntl;
    use Fcntl qw(:DEFAULT :flock);

DESCRIPTION

This module is just a translation of the C *fcntl.h* file. Unlike the old mechanism of requiring a translated *fcntl.ph* file, this uses the **h2xs** program (see the Perl source distribution) and your native C compiler. This means that it has a far more likely chance of getting the numbers right.

NOTE

Only "#define" symbols get translated; you must still correctly pack up your own arguments to pass as args for locking functions, etc.

EXPORTED SYMBOLS

By default your system's F_* and O_* constants (eg, F_DUPFD and O_CREAT) and the FD_CLOEXEC constant are exported into your namespace.

You can request that the **flock**() constants (LOCK_SH, LOCK_EX, LOCK_NB and LOCK_UN) be provided by using the tag ":flock". See Exporter.

You can request that the old constants (FAPPEND, FASYNC, FCREAT, FDEFER, FEXCL, FNDELAY, FNONBLOCK, FSYNC, FTRUNC) be provided for compatibility reasons by using the tag ":Fcompat". For new applications the newer versions of these constants are suggested (O_APPEND, O_ASYNC, O_CREAT, O_DEFER, O_EXCL, O_NDELAY, O_NONBLOCK, O_SYNC, O_TRUNC).

For ease of use also the SEEK_* constants (for **seek**() and **sysseek**(), e.g. SEEK_END) and the S_I* constants (for **chmod**() and **stat**()) are available for import. They can be imported either separately or using the tags ":seek" and ":mode".

Please refer to your native **fcntl**(2), **open**(2), **fseek**(3), **lseek**(2) (equal to Perl's **seek**() and **sysseek**(), respectively), and **chmod**(2) documentation to see what constants are implemented in your system.

See perlopentut to learn about the uses of the O_* constants with **sysopen**().

See "seek" in perlfunc and "sysseek" in perlfunc about the SEEK_* constants.

See "stat" in perlfunc about the S_I* constants.