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.