

NAME

Errno - System errno constants

SYNOPSIS

```
use Errno qw(EINTR EIO :POSIX);
```

DESCRIPTION

`Errno` defines and conditionally exports all the error constants defined in your system `errno.h` include file. It has a single export tag, `:POSIX`, which will export all POSIX defined error numbers.

`Errno` also makes `%!` magic such that each element of `%!` has a non-zero value only if `$!` is set to that value. For example:

```
use Errno;

unless (open(FH, "/fangorn/spouse")) {
  if ($!{ENOENT}) {
    warn "Get a wife!\n";
  } else {
    warn "This path is barred: $!";
  }
}
```

If a specified constant `EFOO` does not exist on the system, `$!{EFOO}` returns `""`. You may use `exists $!{EFOO}` to check whether the constant is available on the system.

CAVEATS

Importing a particular constant may not be very portable, because the import will fail on platforms that do not have that constant. A more portable way to set `$!` to a valid value is to use:

```
if (exists &Errno::EFOO) {
  $! = &Errno::EFOO;
}
```

AUTHOR

Graham Barr <gbarr@pobox.com>

COPYRIGHT

Copyright (c) 1997-8 Graham Barr. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.