

NAME

if - use a Perl module if a condition holds

SYNOPSIS

```
use if CONDITION, MODULE => ARGUMENTS;
```

DESCRIPTION

The `if` module is used to conditionally load another module. The construct

```
use if CONDITION, MODULE => ARGUMENTS;
```

will load `MODULE` only if `CONDITION` evaluates to true. The above statement has no effect unless `CONDITION` is true. If the `CONDITION` does evaluate to true, then the above line has the same effect as:

```
use MODULE ARGUMENTS;
```

The use of `=>` above provides necessary quoting of `MODULE`. If you don't use the fat comma (eg you don't have any `ARGUMENTS`), then you'll need to quote the `MODULE`.

EXAMPLES

The following line is taken from the testsuite for `File::Map`:

```
use if $0 ne 'MSWin32', POSIX => qw/setlocale LC_ALL/;
```

If run on any operating system other than Windows, this will import the functions `setlocale` and `LC_ALL` from `POSIX`. On Windows it does nothing.

The following is used to deprecate core modules beyond a certain version of Perl:

```
use if $] > 5.016, 'deprecate';
```

This line is taken from [Text::Soundex](#) 3.04, and marks it as deprecated beyond Perl 5.16. If you use [Text::Soundex](#) in Perl 5.18, for example, and you have used warnings, then you'll get a warning message (the `deprecate` module looks to see whether the calling module was `use`'d from a core library directory, and if so, generates a warning), unless you've installed a more recent version of [Text::Soundex](#) from CPAN.

BUGS

The current implementation does not allow specification of the required version of the module.

SEE ALSO

`Module::Requires` can be used to conditionally load one or modules, with constraints based on the version of the module. Unlike `if` though, `Module::Requires` is not a core module.

[Module::Load::Conditional](#) provides a number of functions you can use to query what modules are available, and then load one or more of them at runtime.

`provide` can be used to select one of several possible modules to load, based on what version of Perl is running.

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