

## NAME

ModuleInfo - Gather package and POD information from a perl module file

## DESCRIPTION

`new_from_file($filename, collect_pod => 1)`

Construct a `ModuleInfo` object given the path to a file. Takes an optional argument `collect_pod` which is a boolean that determines whether POD data is collected and stored for reference. POD data is not collected by default. POD headings are always collected.

`new_from_module($module, collect_pod => 1, inc => \@dirs)`

Construct a `ModuleInfo` object given a module or package name. In addition to accepting the `collect_pod` argument as described above, this method accepts a `inc` argument which is a reference to an array of directories to search for the module. If none are given, the default is `@INC`.

`name()`

Returns the name of the package represented by this module. If there are more than one packages, it makes a best guess based on the filename. If it's a script (i.e. not a \*.pm) the package name is 'main'.

`version($package)`

Returns the version as defined by the `$VERSION` variable for the package as returned by the `name` method if no arguments are given. If given the name of a package it will attempt to return the version of that package if it is specified in the file.

`filename()`

Returns the absolute path to the file.

`packages_inside()`

Returns a list of packages.

`pod_inside()`

Returns a list of POD sections.

`contains_pod()`

Returns true if there is any POD in the file.

`pod($section)`

Returns the POD data in the given section.

`find_module_by_name($module, \@dirs)`

Returns the path to a module given the module or package name. A list of directories can be passed in as an optional parameter, otherwise `@INC` is searched.

Can be called as either an object or a class method.

`find_module_dir_by_name($module, \@dirs)`

Returns the entry in `@dirs` (or `@INC` by default) that contains the module `$module`. A list of directories can be passed in as an optional parameter, otherwise `@INC` is searched.

Can be called as either an object or a class method.

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**SEE ALSO**

`perl(1)`, `Module::Build(3)`