

NAME

Module::Used – Find modules loaded by Perl code without running it.

VERSION

This document describes Module::Used version 1.3.0.

SYNOPSIS

```
use Module::Used qw< :all >;

@modules = modules_used_in_files(@files);
@modules = modules_used_in_modules(@module_names);

# "strict", "Find::Bin", "warnings"
@modules = modules_used_in_string(
    'use strict; require Find::Bin; no warnings;'
);

# "Exporter"
@modules = modules_used_in_string( 'use parent 0.221 qw< Exporter >;' );
```

DESCRIPTION

Modules are found statically based upon `use` and `require` statements. If use of the base or parent is found, both that module and the referenced ones will be returned. If Moose or Moose::Role are found, this will look for `extends` and with sugar will be looked for; presently, this will miss modules listed in parentheses.

Dynamically loaded modules will not be found.

INTERFACE

Nothing is exported by default, but you can import everything using the `:all` tag.

```
modules_used_in_files( @files )
    Return a list of modules used in the specified files.

    dies if there is a problem reading a file.

modules_used_in_modules( @module_names )
    Return a list of modules used in the specified modules.

    dies if there any of the modules weren't found in @INC.

modules_used_in_string( $string )
    Return a list of modules used in the code in the parameter.

modules_used_in_document( $document )
    Return a list of modules used in the specified PPI::Document.
```

DIAGNOSTICS

Could not find module “%s” in @INC.
 Cannot find the location of the named module. Note that this module will not find any dynamically loaded modules.

“%s” does not exist.
 Cannot find the file.

“%s” is not readable.
 Cannot read the file.

“%s” is a directory.
 The “file” was actually a directory.

Could not parse “%s”.
 PPI could not interpret the file as a Perl document.

CONFIGURATION AND ENVIRONMENT

None, currently.



DEPENDENCIES

Const::Fast Module::Path PPI::Document version

INCOMPATIBILITIES

None reported.

BUGS AND LIMITATIONS

None reported.

Please report any bugs or feature requests to `bug-module-used AT rt DOT cpan DOT org`, or through the web interface at [<http://rt.cpan.org>](http://rt.cpan.org).

SEE ALSO

Devel::Loaded Module::Extract::Namespaces Module::ScanDeps Module::PrintUsed

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