ruby /
rdoc

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RDoc produces HTML and online documentation for Ruby projects.

🔗 ruby.github.io/rdoc/

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RDoc - Ruby Documentation System¶ ↑

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Description¶ ↑

RDoc produces HTML and command-line documentation for Ruby projects. RDoc
includes the `rdoc` and `ri` tools for generating and displaying documentation
from the command-line.

Generating Documentation¶ ↑

Once installed, you can create documentation using the `rdoc` command

```
$ rdoc [options] [names...]
```

For an up-to-date option summary, type

```
$ rdoc --help
```

A typical use might be to generate documentation for a package of Ruby source
(such as RDoc itself).

```
$ rdoc
```

This command generates documentation for all the Ruby and C source files in and
below the current directory. These will be stored in a documentation tree
starting in the subdirectory `doc`.

You can make this slightly more useful for your readers by having the index page
contain the documentation for the primary file. In our case, we could type

```
% rdoc --main README.rdoc
```

You'll find information on the various formatting tricks you can use in comment
blocks in the documentation this generates.

RDoc uses file extensions to determine how to process each file. File names
ending `.rb` and `.rbw` are assumed to be Ruby source. Files ending `.c` are parsed
as C files. All other files are assumed to contain just Markup-style markup (with
or without leading '#' comment markers). If directory names are passed to RDoc,
they are scanned recursively for C and Ruby source files only.

To generate documentation using `rake` see `RDoc::Task`.

To generate documentation programmatically:

```
gem 'rdoc'
require 'rdoc/rdoc'

options = RDoc::Options.new
# see RDoc::Options

rdoc = RDoc::RDoc.new
rdoc.document options
# see RDoc::RDoc
```

Writing Documentation¶ ↑

To write documentation for RDoc place a comment above the class, module, method, constant, or attribute you want documented:

```
##
# This class represents an arbitrary shape by a series of points.

class Shape

  ##
  # Creates a new shape described by a +polyline+.
  #
  # If the +polyline+ does not end at the same point it started at the
  # first pointed is copied and placed at the end of the line.
  #
  # An ArgumentError is raised if the line crosses itself, but shapes may
```

☰　README.rdoc

```
    def initialize polyline
      # ...
    end

  end
```

The default comment markup format is the RDoc::Markup format. TomDoc, Markdown and RD format comments are also supported. You can set the default comment format for your entire project by creating a .rdoc_options file. See RDoc::Options@Saved+Options for instructions on creating one. You can also set the comment format for a single file through the :markup: directive, but this is only recommended if you wish to switch markup formats. See RDoc::Markup@Other+directives.

Comments can contain directives that tell RDoc information that it cannot
otherwise discover through parsing. See RDoc::Markup@Directives to control what
is or is not documented, to define method arguments or to break up methods in a
class by topic. See RDoc::Parser::Ruby for directives used to teach RDoc about
metaprogrammed methods.

See RDoc::Parser::C for documenting C extensions with RDoc.

To determine how well your project is documented run `rdoc -C lib` to get a
documentation coverage report. `rdoc -C1 lib` includes parameter names in the
documentation coverage report.

Bugs¶ ↑

See CONTRIBUTING@Bugs for information on filing a bug report. It's OK to file a
bug report for anything you're having a problem with. If you can't figure out how
to make RDoc produce the output you like that is probably a documentation bug.

License¶ ↑

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fitness for a particular purpose.

Releases 84

🏷 v6.6.0 (Latest)
     last month

+ 83 releases

Packages

No packages published

Used by 693k

+ 693,468

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