

# Ruby

A PROGRAMMER'S BEST FRIEND

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## Documentation

Here you will find pointers to manuals, tutorials and references that will come in handy when you feel like coding in Ruby.

### Installing Ruby

Unless you only want to try Ruby in the browser (see the links below) you need to have Ruby installed on your computer. You can check whether Ruby already is available by opening a terminal and typing

```
ruby -v
```

This should output some information on the installed Ruby version. If not, see the [installation page](#) for various options of getting Ruby.

### Getting Started

#### [Try Ruby!](#)

An interactive tutorial that lets you try out Ruby right in your browser. This 15-minute tutorial is aimed at beginners who want to get a feeling of the language.

#### [Ruby Koans](#)

The Koans walk you along the path to enlightenment in order to learn Ruby. The goal is to learn the Ruby language, syntax, structure, and some common functions and libraries. We also teach you culture.

#### [RubyMonk](#)

Discover Ruby idioms, learn lessons and solve problems, all in your browser!

#### [Hackety Hack](#)

**Get Started**, it's easy!

[Try Ruby! \(in your browser\)](#)

[Ruby in Twenty Minutes](#)

[Ruby from Other Languages](#)

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**Participate** in a friendly and growing community.

[Mailing Lists](#): Talk about Ruby with programmers from all around the world.

[User Groups](#): Get in contact with Rubyists in your area.

[Weblogs](#): Read about what's happening right now in the Ruby community.

[Ruby Core](#): Help polish

"The little coder's starter kit". A fun and easy way to learn about programming (through Ruby) using the Shoes GUI Toolkit.

#### [Why's \(Poignant\) Guide to Ruby](#)

An unconventional but interesting book that will teach you Ruby through stories, wit, and comics. Originally created by *why the lucky stiff*, this guide remains a classic for Ruby learners.

#### [Ruby in Twenty Minutes](#)

A nice tutorial covering the basics of Ruby. From start to finish it shouldn't take you more than twenty minutes.

#### [Ruby from Other Languages](#)

Coming to Ruby from another language? Whether it's C, C++, Java, Perl, PHP, or Python, this article has you covered!

#### [Learning Ruby](#)

A thorough collection of Ruby study notes for those who are new to the language and in search of a solid introduction to Ruby's concepts and constructs.

#### [Ruby Essentials](#)

Ruby Essentials is a free on-line book designed to provide a concise and easy to follow guide to learning Ruby.

#### [Learn to Program](#)

A wonderful little tutorial by Chris Pine for programming newbies. If you don't know how to program, start here.

#### [Learn Ruby the Hard Way](#)

A very good set of exercises with explanations that guide you from the absolute basics of Ruby all the way to OOP and web development.

## Manuals

#### [Programming Ruby](#)

The seminal work on Ruby in English, this first edition of the [Pragmatic Programmers' book](#) is available for free online.

#### [Ruby User's Guide](#)

Translated from the original Japanese version written by Yukihiro Matsumoto (the creator of Ruby), this version, by Goto Kentaro and Mark Slagell, is a nice overview of many aspects of the Ruby language.

#### [The Ruby Programming Wikibook](#)

A free online manual with beginner and intermediate content plus a thorough language reference.

the rough edges of the latest Ruby.

[Issue Tracking](#): Report or help solve issues in Ruby.

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## Reference Documentation

### [Ruby Core Reference](#)

Pulled straight from the source code using [RDoc](#), this reference work documents all of the core classes and modules (like String, Array, Symbol, etc...).

### [Ruby Standard Library Reference](#)

Also pulled from the source code using RDoc, this reference work documents the standard library.

### [Ruby C API Reference](#)

The official introduction to Ruby's C API. Great if you want to write C extensions or contribute to Ruby's development.

### [RubyDoc.info](#)

The one-stop web site for reference documentation about Ruby gems and GitHub-hosted Ruby projects.

### [Ruby & Rails Searchable API Docs](#)

Rails and Ruby documentation with smart searching.

### [APIdock](#)

Ruby, Rails and RSpec documentation with users' notes.

### [Omniref: Annotated Ruby, Rails, and Gem Documentation](#)

Documentation for every version of Ruby, and every version of every RubyGem. A comprehensive reference manual for Ruby, with code search, source annotations, and Q&A features.

## Editors and IDEs

For coding in Ruby you can use the default editor of your operating system. By the way, to be more effective in coding, it is worth to choose a source code editor with basic Ruby support (e.g. syntax-highlighting, file browsing) or an integrated development environment with advanced features (e.g. code completion, refactoring, testing support).

Here is a list of popular tools used by Rubyists:

- Linux and cross-platform tools:
  - [Aptana Studio](#)
  - [Emacs](#) with [Ruby mode](#) and [Rsense](#)
  - [Geany](#)
  - [gedit](#)
  - [Vim](#) with [vim-ruby](#) plugin and [Rsense](#)
  - [RubyMine](#)

- [SciTe](#)
- [NetBeans](#)
- [Sublime Text](#)
- [Atom](#)
- On Windows:
  - [Notepad++](#)
  - [E-TextEditor](#)
  - [Ruby In Steel](#)
  - [Atom](#)
- On Mac OS X:
  - [TextMate](#)
  - [TextWrangler](#)
  - [Dash](#) (documentation browser)
  - [Atom](#)

## Further Reading

[Ruby-doc.org](#) maintains a comprehensive list of English documentation sources. There are also plenty of [books about Ruby](#). If you have questions about Ruby the [mailing list](#) is a great place to start.

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[This website](#) is proudly maintained by members of the Ruby community.