

Ruby

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| WEBrick | A non-scalable Ruby library that provides web services. WEBrick can be used to create HTTP , HTTPS , proxy and virtual host servers. It uses the language of servlets to handle Ruby Blocks, CGI scripts, ERb pages, and directory listings on a per-path or per-host basis. |
| Ruby | A dynamic, object-oriented, general-purpose programming language with a focus on simplicity and productivity. It has an elegant syntax that is natural to read and easy to write. |
| Active Record | A Ruby library for working with Relational SQL Databases, like MySQL and Postgres . It provides an Object Relational Mapping . |
| Capistrano | Remote server automation and deployment tool written in Ruby . Capistrano automates the process of making a new version of an application available on one or more web servers. |
| Capybara | Automation library that provides a means for controlling a browser. Simulates scenarios for user stories and automates web application testing for behavior-driven software development. |
| Crystal | A dynamic, functional language designed for building scalable and maintainable applications. Leverages the Erlang VM, known for the running low-latency, distributed and fault-tolerant systems, while also being successfully used in web development and the embedded software domain. |
| EventMachine | Fast, simple event-processing library for Ruby programs. The most popular library for concurrent computing in the Ruby programming language. |
| Grape | REST -like API micro-framework for Ruby . It's designed to run on Rack or complement existing web application frameworks such as Rails and Sinatra by providing a simple DSL to easily develop RESTful APIs. |
| JRuby | Implementation of the Ruby programming language atop the Java Virtual Machine, written largely in Java . JRuby has built-in support for Rails , RSpec , Rake , and RubyGems . |
| Padrino | Ruby framework built upon the Sinatra microframework. Created to make it easy to code more advanced web applications. It leverages convention and automation to accomplish larger building tasks. |
| Passenger | A fast and robust web server and application server for Ruby , Python , Node.js and Meteor apps. It makes deploying in production much easier and is scalable. |
| Phoenix | Advance MVC web framework which implements the server-side MVC pattern. Many of its components and concepts are familiar to those who experience in other web frameworks like Django and Rails . |
| Rake | Software task management and build automation tool. It allows the user to specify tasks and describe dependencies as well as to group tasks in a namespace. Tasks and dependencies are specified in standard Ruby syntax. |
| RSpec | Testing tool for Ruby , created for behavior-driven development (BDD). Focused on writing software that emphasizes the importance of self-documenting, executable tests that drive the development process from requirements analysis through acceptance testing. Has a very rich and powerful DSL (domain-specific language). |
| RubyGems | Package manager for the Ruby programming language that provides a standard format for distributing Ruby programs and libraries (in a self-contained format called a "gem"). Designed to easily manage the installation of gems, and a server for distributing them. |
| Ruby Arrays | A list of items in order (like mangoes, apples, and oranges). Every slot in the list acts like a variable: you can see what object a particular slot points to, and you can make it point to a different object. |
| Ruby deployment | Passenger , Capistrano . |
| Ruby frameworks | Rails/Ruby on Rails , Sinatra , Padrino , JRuby . |
| Ruby on Rails | Web framework originally developed for 37signals's Basecamp application. It features "convention over configuration" for rapid prototyping and is currently on version 4.0. |
| Ruby testing tools | RSpec , Capybara , Watir , Cucumber . |
| RVM | Stands for Ruby Version Manager. A command-line tool designed to manage multiple installations of Ruby on the same device and easily switch between them. |
| Sidekiq | Background processing framework for Ruby . Multi-threaded background job and message processing gem. |
| Sinatra | DSL for quickly creating web applications in Ruby. It is an alternative to other Ruby web application frameworks such as Ruby on Rails , Merb, Nitro, and Camping. It is dependent on the Rack web server interface. Light weight, very flexible, quick for creating web apps and with minimal effort. |
| Watir | A toolkit for automating tests. Watir interacts with a browser the same way people do: clicking links, filling out forms and validating text. It uses the Ruby scripting language to drive Internet Explorer, Mozilla Firefox, Google Chrome, Opera and Safari, and is available as a RubyGems gem. |

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