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rails / rails

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Ruby on Rails http://rubyonrails.org

51,176 commits **44** branches **259** releases **2,706** contributors

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carlosantoniodasilva authored 7 hours ago latest commit 6285fc17a9

actionmailer	not needed require's	19 hours ago
actionpack	Move `TemplateAssertions` to their own file	2 days ago
actionview	Better formatted documents [ci skip]	3 days ago
activejob	Merge pull request #20064 from kddeisz/qu_provider_job_id	3 days ago
activemodel	Stop skipping a test that now works on Rubinius	8 hours ago
activerecord	[ci skip] Fix comment of `ActiveRecord::Associations#association_inst…	16 hours ago
activesupport	as/core_ext require's not used	3 days ago
ci	Pass symbol as an argument instead of a block	5 months ago
guides	[ci skip] Improve phrasing on #explain pretty printing.	15 hours ago
railties	Refactor railties console and dbconsole commands	a day ago
tasks	activejob needs to be built before actionmailer	5 months ago
tools	Doc fix [ci skip]	2 months ago
.gitignore	Track Gemfile.lock at the repository	3 months ago
.travis.yml	Enable Active Job integration tests again	27 days ago
.yardopts	Let YARD document the railties gem	5 years ago
CONTRIBUTING.md	Changed 'ask the rubyonrails-talk mailing list.' to 'ask it on the ru…	8 days ago
Gemfile	Unlock sneakers adapter version	13 days ago
Gemfile.lock	Unlock sneakers adapter version	13 days ago
RAILS_VERSION	Start Rails 5 development 🎉	5 months ago
README.md	Remove bullet	5 months ago
RELEASING_RAILS.rdoc	Remove note about supported plugins from the releasing docs	4 months ago
Rakefile	Remove activejob integration tests	9 months ago
install.rb	Added activejob to install.rb	9 months ago
load_paths.rb	require "rubygems" is obsolete in Ruby 1.9.3	3 years ago
rails.gemspec	Upgrade to Ruby 2.2.2	27 days ago
version.rb	Start Rails 5 development 🎉	5 months ago

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README.md

Welcome to Rails

Rails is a web-application framework that includes everything needed to create database-backed web applications according to the Model-View-Controller (MVC) pattern.

Understanding the MVC pattern is key to understanding Rails. MVC divides your application into three layers, each with a specific responsibility.

The *Model layer* represents your domain model (such as Account, Product, Person, Post, etc.) and encapsulates the business logic that is specific to your application. In Rails, database-backed model classes are derived from `ActiveRecord::Base`. Active Record allows you to present the data from database rows as objects and embellish these data objects with business logic methods. You can read more about Active Record in its README. Although most Rails models are backed by a database, models can also be ordinary Ruby classes, or Ruby classes that implement a set of interfaces as provided by the Active Model module. You can read more about Active Model in its README.

The *Controller layer* is responsible for handling incoming HTTP requests and providing a suitable response. Usually this means returning HTML, but Rails controllers can also generate XML, JSON, PDFs, mobile-specific views, and more. Controllers load and manipulate models, and render view templates in order to generate the appropriate HTTP response. In Rails, incoming requests are routed by Action Dispatch to an appropriate controller, and controller classes are derived from `ActionController::Base`. Action Dispatch and Action Controller are bundled together in Action Pack. You can read more about Action Pack in its README.

The *View layer* is composed of "templates" that are responsible for providing appropriate representations of your application's resources. Templates can come in a variety of formats, but most view templates are HTML with embedded Ruby code (ERB files). Views are typically rendered to generate a controller response, or to generate the body of an email. In Rails, View generation is handled by Action View. You can read more about Action View in its README.

Active Record, Action Pack, and Action View can each be used independently outside Rails. In addition to them, Rails also comes with Action Mailer (README), a library to generate and send emails; Active Job (README), a framework for declaring jobs and making them run on a variety of queueing backends; and Active Support (README), a collection of utility classes and standard library extensions that are useful for Rails, and may also be used independently outside Rails.

Getting Started

1. Install Rails at the command prompt if you haven't yet:

   ```
   gem install rails
   ```

   RootFile

2. At the command prompt, create a new Rails application:

   ```
   rails new myapp
   ```

   RootFile

   where "myapp" is the application name.

3. Change directory to `myapp` and start the web server:

   ```
   cd myapp
   rails server
   ```

   RootFile with cd imported with reference for multiple later uses

   Run with `--help` or `-h` for options.

4. Using a browser, go to `http://localhost:3000` and you'll see: "Welcome aboard: You're riding Ruby on Rails!"

5. Follow the guidelines to start developing your application. You may find the following resources handy:

   - Getting Started with Rails
   - Ruby on Rails Guides
   - The API Documentation
   - Ruby on Rails Tutorial

Contributing

We encourage you to contribute to Ruby on Rails! Please check out the Contributing to Ruby on Rails guide for guidelines about how to proceed. Join us!

Code Status

License

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