

Forum:[Hack Forums](#)

Thread: [\[Ruby\] Begining with Rails](#)

Rubymine - June 24, 2019, 11:58 pm

Hello Everyone

In this little thread, i wanna giving short tutorial to start using Ruby On Rails as Web application. I hope you enjoy it.

? Table of Content ?

? About Rails

What is Ruby on Rails

Who famous app made by it

Why Rails

? Getting Started

What the hell is MVC , ORM ? ?

Installing Rails

Build you Little App

? Making a mini stuff

Blog CRUD

About Rails

1. What is Ruby on Rails

Ruby on Rails , "RoR" / "Rails" for short. is a Full-stack Web Framework using Ruby programming language as base, Founded by David Heinemeier Hansson (DHH) and license with MIT License

2. Who Famous app using Rails

Web app like GitHub , GitLab , Twitter and Shopify they uses Ruby on Rails in their codebase, but not just ruby on their code , of course using combination of many language with microservices implementation.

3. Why Rails

I no had many reason to choosing rails , i just select it because it use Ruby . but as long i use it , i can comparing Rails had fast development speed and many magic in there : Auto Generate , Simplify CRUD. The main intention is write less and edit more from app skeleton.

Getting Starting

1. What the hell is MVC , ORM ?

MVC is shorted from "Model-View-Controller" , breakdown you application into 3 consent layer . Model consent for handling database business , View handling consent for Front-page : HTML,CSS and JS , Controller consent for connecting Model and View section and place you logic here. The benefit of this paradigm you have code which had single responsibility with it action and ease to understand with team work , once you understand MVC.

ORM is short for "Object Relational Mapping", This method to turn you database table in class object which representation of your table on database , just call method to do your database transaction.

2. Installing Rails

This is a little difficult for me to explain, but you need system dependencies -- which mean you need installing on your operating system.

the system dependencies : gcc , ruby development library , nodejs , libsqlite3.

If you use arch linux you can simply follow this :

Code `pacman -S base-devel nodejs ruby-dev`

`gem install bundler rails`

if you windows better you try linux , installing using cygwin then follow archlinux command.

if you mac , ruby bundled with your OS ,so just :

Code `gem install rails`

3 . Building your first app

in this you just build skeleton of your web application , which means just a place for you generate all MVC scheme you need.

Code `rails new < your app name here >`

< your app name here > replace this , with your application name.

then get into your < your app name here > directory.

to measure if it's working or not , run it

Code `rails s`

[b]Making your mini application[/b]

1. Blog CRUD

make sure you follow previous article , i just generate scaffold -- is full MVC generation to provide CRUD action on your app.

Code `rails generate scaffold Blog title:text content:text`

`rake db:migrate`

`rails s`

`rails generate scaffold <Table Name> <Column On Database>`

scaffold needs parameter to pass, it is Table name and Column inside it.

`rake db:migrate`

work for populate generated model scheme on db/schema to database , and used by model.

`rails s`

starting your server.

we had generate scaffold . to access it , open browser with this address :

<localhost:3000>/<Scaffold Table Name> -- localhost:3000/Blog.

for more resource you can visit:

[Ruby on Rails Guides](#)

Derek Banas on YouTubes
[Reversed , for future improvement]

TGibb94 - *June 30, 2019, 3:57 pm*

Thanks for time.

Rails has been nice to me most of the time, I prefer over React.