

Ruby on Rails for Beginners

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大纲

- Ruby on Rails是什么?
- 谁在用?
- Philosophy
- Agile Development 敏捷开发
- 从本地开发到线上
- Pages & Assets
- 从开发到测试
- 脚本和自动化
- Libraries

Ruby on Rails是什么?

- Web application framework
- Written in Ruby
- 2004/07
- Shipped with OSX Leopard
- DHH



谁在用?

ask.fm

YOTTAA 友盟 UMENG



fiverr®

GitHub



hulu

twitch

FreeWheel

KICKSTARTER

GROUPON



zendesk

yammer
The Enterprise Social Network

Demo

Building a Rails App

Philosophy

- Follow web standards and HTTP
- CoC (Convention over Configuration)
- MVC (Model-View-Controller)
- DRY
- Software Engineering Patterns
- Assets
- Restful
- Testing
- Deployment
- Automation

Agile Development

敏捷开发

- Philosophy
- DRY
- Ecosystem
 - Gems
 - Community

快速迭代

创意或者想法 —> 线上 —> 修改 —> 线上
—> 下一次迭代

Startups 创业公司最爱

从本地开发到线上

- Develop Environment
 - Development
 - Test
 - Production
- Configurations
- Deployment

Pages & Assets

- Dynamic pages
 - Routes
 - Restful
 - Inheritance
- Assets
 - Asset Pipeline(Javascripts, CSS, Images)
 - Minify
 - Combine

Dynamic Pages

- Routes
 - HTTP GET/POST/PUT/DELETE
 - Custom routes
 - Easy to refactor
- Inheritance
- Filter
 - before_filter, around_filter and after_filter
- Cache
 - Page Cache, Fragment Cache
- Response
 - JSON
 - XML
 - HTML
 - etc.

Assets

- Javascript/CSS minify and combine
- Assets URL
- ETag
- SASS & SCSS
- CoffeeScript

从开发到测试

- Test environment
- Unit Test
 - rspec
 - minitest
- Smoke Test / Continuous Integration
 - cucumber
 - selenium

脚本和自动化

- rails command
 - rails c
 - rails g
 - rails s
 - etc.
- rake task
 - rake routes
 - rake db:create
 - rake db:migrate
 - etc.

Libraries

- gem
- bundle
- rails是很多gems的组合
- 创建自己的gem

Q & A

谢谢!