Fast and Furious:

Building Mobile API's using Rails

Chris Hallendy

- Software Developer for Compuware Ventures

- Organizer of Detroit Ruby

- github.com/challendy

- #challendy

- chris.hallendy@gmail.com

Ruby Web Options

- Ruby on Rails – Full featured web framework.

- Sinatra – DSL for quickly creating web apps in Ruby.

- Rack – A modular Ruby webserver interface.

Ruby on Rails

- Open-source web framework written in Ruby.

- Created in 2003 by David Heinemeier Hansson.

- Used by Github, Twitter, Groupon, Living Social, Hulu, etc.

- Uses Model-View-Controller design pattern.

- RESTful Web Service out of the box.

MVC

- Models
  - Represents the data and the rules to manipulate it
  - In most cases, each table in your database will correspond to one in you application.

- Views
  - Represents the UI of your app, in Rails it is often HTML.

- Controllers
  - Processes incoming requests and is the glue between the Models and Views.

RESTful Web Service

HTTP Verb	Path	action	used for
GET	/photos	index	display a list of all photos
GET	/photos/new	new	return an HTML form for creating a new photo
POST	/photos	create	create a new photo
GET	/photos/:id	show	display a specific photo
GET	/photos/:id/edit	edit	return an HTML form for editing a photo
PUT	/photos/:id	update	update a specific photo
DELETE	/photos/:id	destroy	delete a specific photo

Get Up and Running!

- gem install rails

- rails new fast_furious_api

- rails generate scaffold Person name:string occupation:string

- rake db:migrate

- rake server

Heroku

- heroku login

- git init

- git add .

- git commit –m "init"

- heroku create --stack cedar

- git push heroku master

- heroku run rake db:migrate

Resources

- http://guides.rubyonrails.org/

- http://www.heroku.com/

- https://devcenter.heroku.com/articles/rails3

Shout outs!

- www.detroitruby.org

- www.cpowerblog.com

- www.glocal.com

- www.deadlinedetroit.com

- www.iruleathome.com