

# RAILS SPRING 2014

WEEK 2

# REVIEW

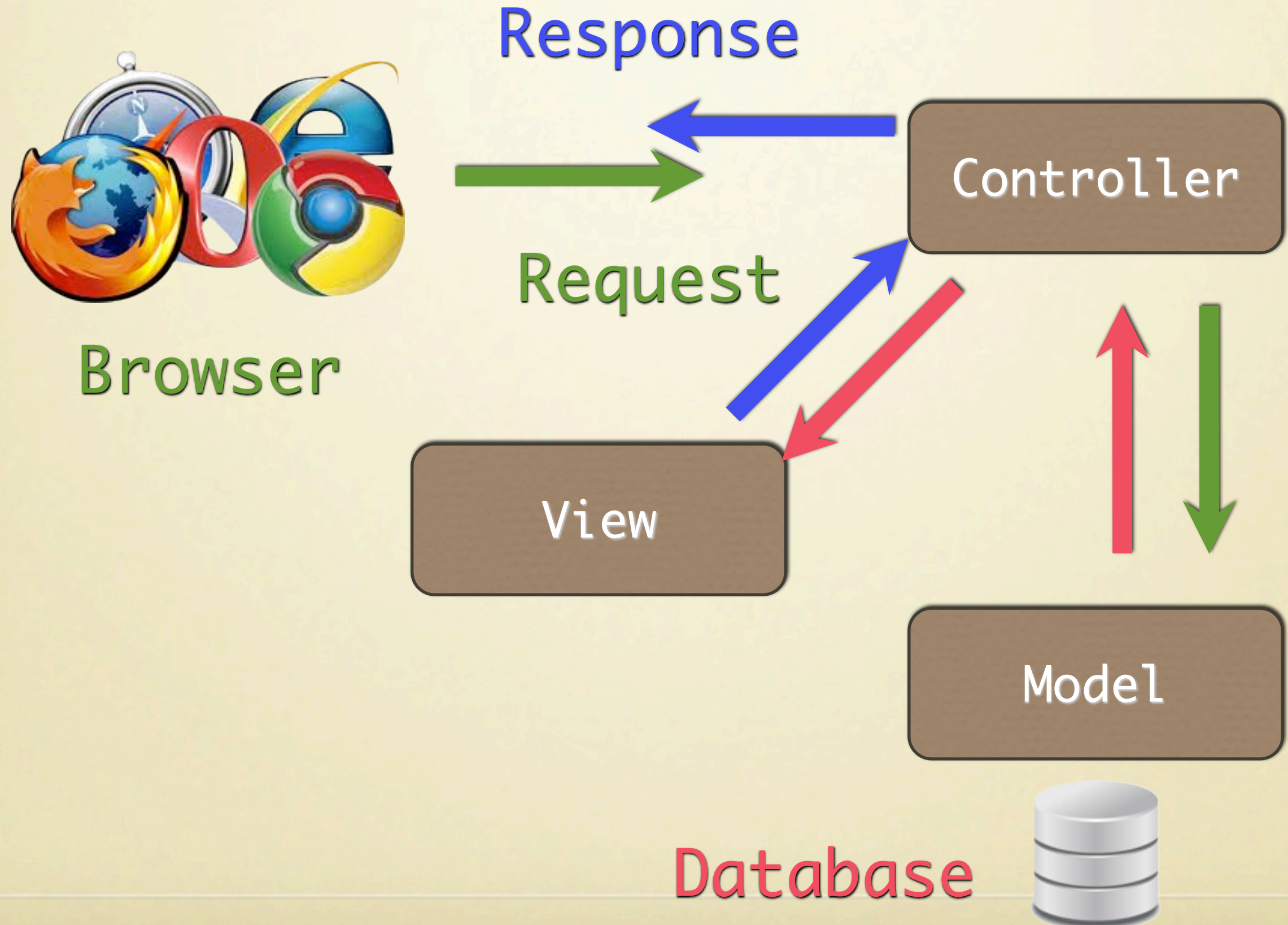
- Homework Questions
- Last week: RVM, Scaffolding



# AGENDA

- MVC in Rails
- Views and Helpers
- Controllers
- RESTful Routing

# MVC



# VIEW EXERCISE

- On the Students List page:
  - Shorten the bio to the first 15 characters
  - Put ‘...’ for any bios that are more than 15 characters



# RAILS VIEW HELPERS

- <http://api.rubyonrails.org/>
- ActionView → Helpers → TextHelper

# CUSTOM HELPERS

- Presentation Logic
- Presenter Pattern
- Ruby Module - Included on all views
- Method Definitions
- Help generate html

# READ MORE LINK

- Complex View Logic
- Controller - View relationship
- Params hash



# ROUTING

- Rake routes - displays all the routes for the app
  - Routing table created from Routes.rb
- Public folder - static content

# HELLO VIEW

- Static Hello
- Welcome Controller
- Hello View
- Route



# NEW CONTROLLER

 rails g controller Welcome

# WELCOME

- 📌 put hello.html in the welcome folder
- 📌 app/views/welcome/hello.html



# FIND IT!



<http://localhost:3000/welcome/hello>

# RESTFUL ROUTES

- 📌 Representational State Transfer (REST)
- 📌 [guides.rubyonrails.org/routing.html](http://guides.rubyonrails.org/routing.html)



# CONTROLLER ACTIONS

 index, show, new, edit, create, update, destroy

# HOMework

- Reading:
  - Chapter 4 Working with Controllers: 4.3 - 4.7 (Skip the rack console exercise - unless you really want to)
  - Chapter 2 Routing: 2.1, 2.2, 2.4, 2.6, 2.7
- Code:
  - Setup a root route to a home or welcome controller
  - Have a link on your homepage to your scaffolded resource from last week
  - Have a link on your homepage that triggers a change on your homepage (wording change, expansion of text, change a color, etc...)
  - Create a view helper that will generate different content on your homepage based on a param value