

BACK END WEB DEVELOPMENT

CLASS 12- INTRO TO FRONT END INTEGRATION

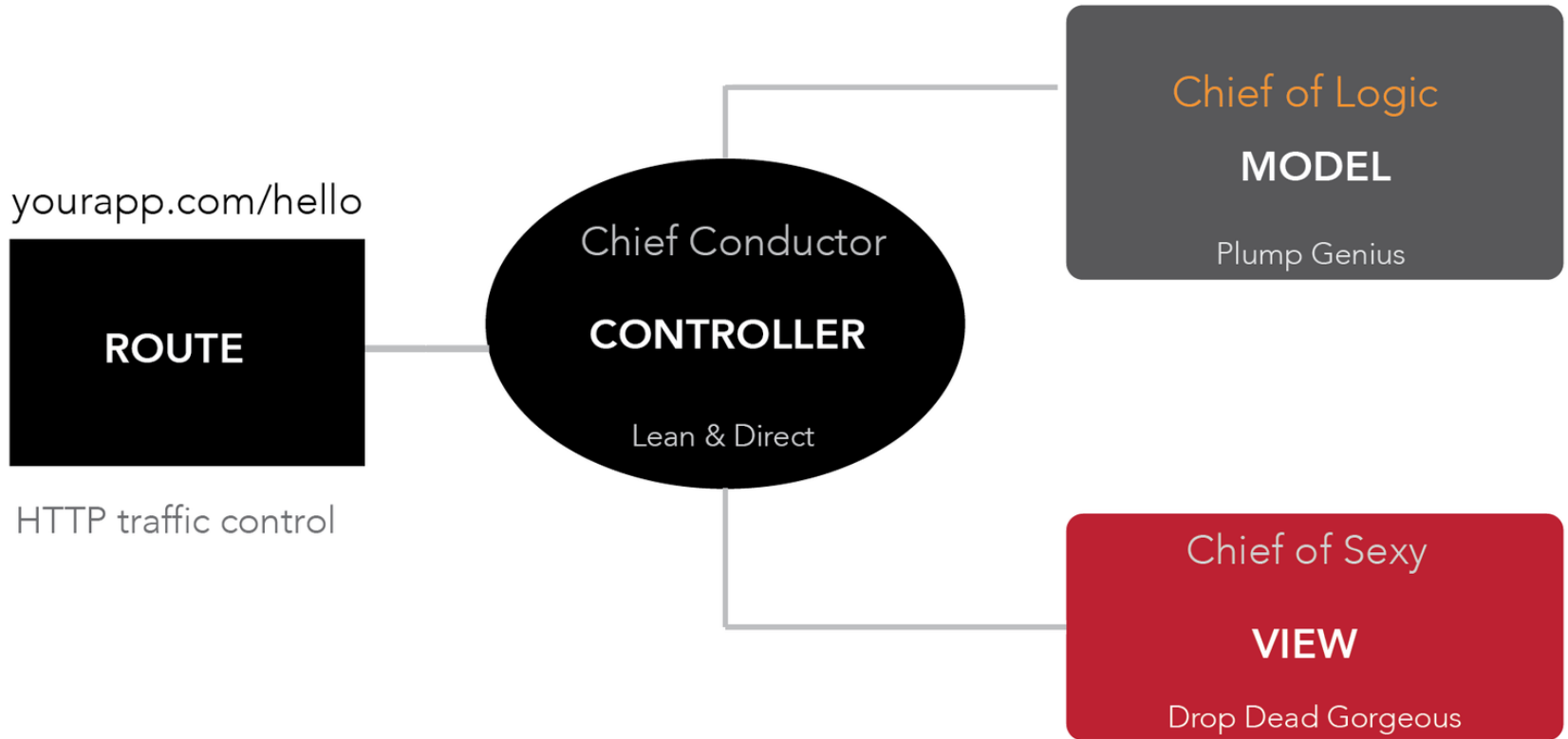
AGENDA

- **INTEGRATE BOOTSTRAP FRAMEWORK**
- **INTEGRATE SIMPLE FORM**
- **PRACTICE READING DOCUMENTATION**
- **LAB TIME**

BOOTSTRAP

FRONT END FRAMEWORK

THE BLUEPRINT



BOOTSTRAP INTEGRATION

STEP 1 - ADD BOOTSTRAP SASS OUR GEM FILE

STEP 2 - UPDATE THE ASSET PIPELINE

- application.css, application.js files

STEP 3 - ADD CUSTOM FILE TO STYLESHEETS FOLDER

```
#custom.css.scss

@import "bootstrap";

#add custom sass/scss here
```

UPDATE OUR GEMFILE

```
source 'https://rubygems.org'

#Core Management
gem 'rails', '4.1.8' #maybe 4.2.0
gem 'sqlite3' #maybe 'pg'

#Front End Management
gem 'sass-rails'
gem 'bootstrap-sass' #add this
gem 'autoprefixer-rails' #add this
gem 'simple_form' #add this
gem 'font-awesome-sass' #add this
gem 'uglifier'
gem 'coffee-rails'
gem 'jquery-rails'
gem 'turbolinks'
gem 'jbuilder'

#Testing & Debugging Tools
group :development do
  gem 'annotate'
  gem 'pry-rails'
  gem 'binding_of_caller'
  gem 'better_errors'
  gem 'pry'
  gem 'pry-byebug'
  gem 'thin'
  gem 'spring'
end
```

SIMPLE FORM INTEGRATION

STEP 1

```
rails generate simple_form:install
```

STEP 2

```
<%= simple_form_for(@artist, :html => {:class => 'form-horizontal'}) do |f| %>

  <%= f.input :name %>
  <%= f.input :profile_url %>
  <%= f.association :record_label %> #add this when associations are in place

  <%= f.submit "Submit".html_safe, :class => 'btn btn-lg btn-default' %>

<%end %>
```

CODE ALONG!

MUSIC APP!

QUESTIONS?

BOOTSTRAP: USING 'LINK_TO'

DELETE

```
<%= link_to 'Delete', artist, method: :delete,  
data: {confirm: 'Are you sure?'}, :class => 'btn btn-xs btn-danger' %>
```

SHOW

```
<%= link_to 'Show', artist, artist_path(artist),  
:class => 'btn btn-xs btn-default' %>
```

PAIR UP!

LANDING PAGE | NAV BAR | FORM BASICS

LAB TIME!

1. ADD NAVIGATION USING BOOTSTRAP
2. PRACTICE STYLING VIEWS (checkout button, image_holder & table classes)
3. INTEGRATE SIMPLE_FORM INTO YOUR VIEWS
INDEX, SHOW, EDIT, NEW PAGES

RESOURCE:

<http://getbootstrap.com/css/>

HOMEWORK

GAME PLAN & EXPECTATIONS

FINISH PART 1, 2 & 3 OF MUSIC APP

DUE 01/19/2015

github.com/ga-students/bewd_sf_7/12_Front_End_Integration/homework

MUSIC APP!

CODE ALONG & LAB TIME!

github.com/ga-students/bewd_sf_7/11_Model_Schema_Design/homework