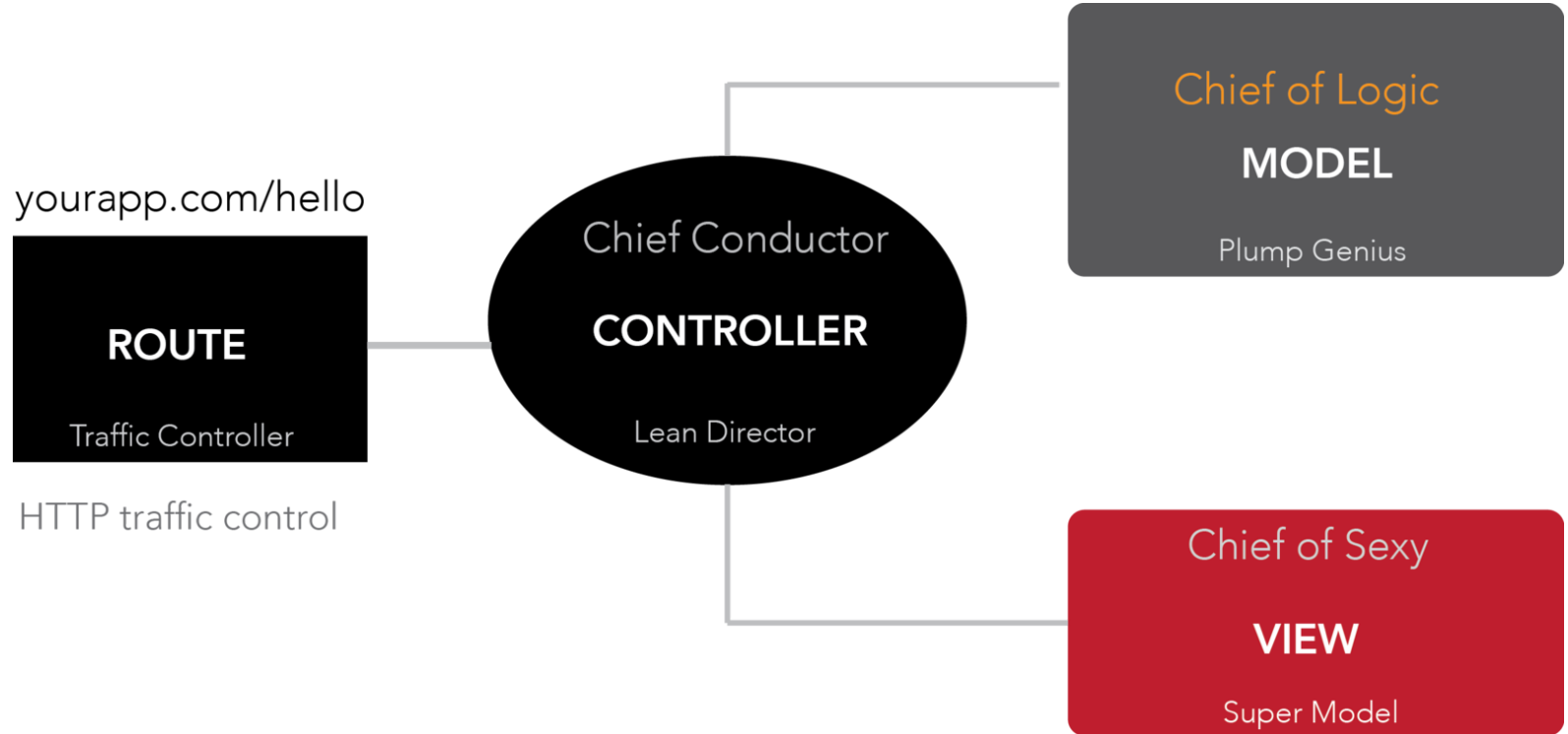# BEWD 13

FRONT END INTEGRATION 101

LEARNING GOALS

- HOW TO INTEGRATE BOOTSTRAP FRAMEWORK

- HOW TO INTEGRATE SIMPLE FORM

- PRACTICE READING DOCUMENTATION

BOOTSTRAP

FRONT END FRAMEWORK

THE BLUEPRINT

yourapp.com/hello

ROUTE

Traffic Controller

HTTP traffic control

Chief Conductor

CONTROLLER

Lean Director

Chief of Logic

MODEL

Plump Genius

Chief of Sexy

VIEW

Super Model

BOOTSTRAP

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
```

GEMFILE EXAMPLE

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

#Core libaries
gem 'rails', '4.2.6'
gem 'sqlite3'

#Front End Tools
gem 'sass-rails'
gem 'uglifier'
gem 'coffee-rails'
gem 'bootstrap-sass'
gem 'simple_form'
gem 'jquery-rails'

#Other
gem 'turbolinks'
gem 'jbuilder', '~> 2.0'
gem 'sdoc', '~> 0.4.0', group: :doc

#Debugging & Test Suite
group :development, :test do
  gem 'byebug'
  gem 'pry'
  gem 'pry-rails'
  gem 'pry-byebug'
  gem 'better_errors'
  gem 'binding_of_caller'
  gem 'annotate'
end
```

SIMPLE FORM

STEP 1

```
rails generate simple_form:install
```

STEP 2

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

 <%= f.input :name %>
 <%= f.input :image_url %>
 <%= f.association :record_label %> #just an example

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


<%end %>
```

CODE
ALONG!

MUSIC APP!

WHY TIME?

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'%>
```

MUSIC APP!

CODE ALONG & LAB TIME!

CUSTOM.CSS.SCSS

```scss
@import "bootstrap";

@import url(http://fonts.googleapis.com/css?family=Pacifico);

.pacifico_font {
  font-family: 'Pacifico'
}

.btn-black {
  color:#ffffff;
  background-color: #000000;
  border-color: #eeeeee;

}
```