BEWD 10

LESSON 9

3 LEARNING GOALS

INTRO TO RAILS

- BASIC PRINCIPLES OF MVC (MODEL, VIEW, CONTROLLER)

- CREATE A NEW RAILS APPLICATION

- RAPID PROTOTYPING WITH SCAFFOLDING

GIT TIME

GIT TIME

YOU SHOULD KNOW HOW TO

- CREATE A REMOTE BRANCH

- PULL FROM THE UPSTREAM REPO

- PUSH THE CODE TO YOUR FORKED MASTER BRANCH

MVC

MVC : LEARNING GOAL REVIEW

1 - ROLE OF ROUTES

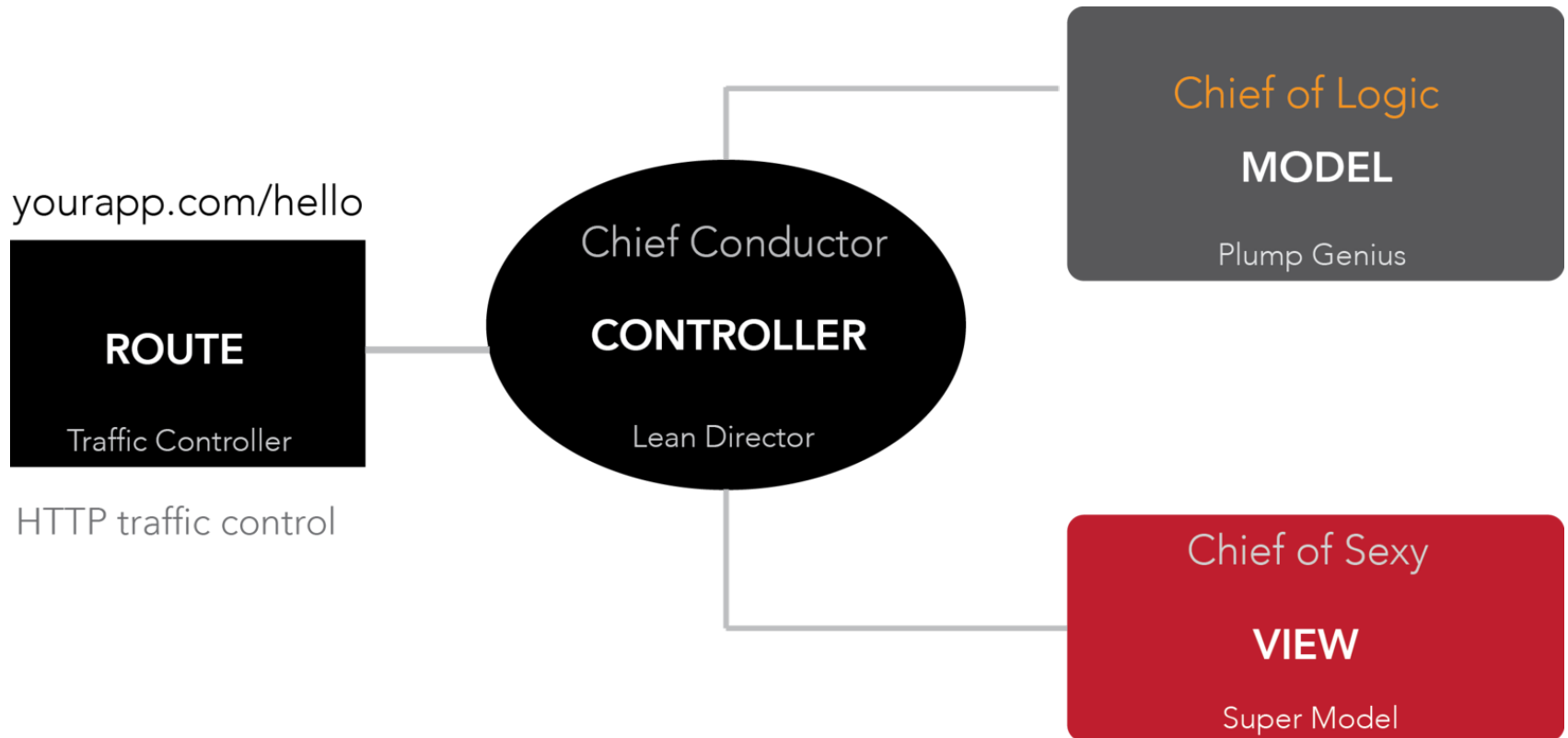2 - ROLE OF CONTROLLERS

3 - ROLE OF MODELS

4 - ROLE OF VIEWS

ANATOMY OF MVC

MODEL
VIEW
CONTROLLER

ANATOMY OF MVC

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

APP CREATION

APP CREATION: LEARNING GOALS REVIEW

1 - CREATE A NEW RAILS APP

2 - BASIC RAILS COMMANDS

3 - RAPID PROTOTYPING USING SCAFFOLDING TECHNIQUES

APP CREATION - RAPID PROTOTYPE

STEP 1 - CREATE A NEW APP

```
rails new book_app
```

STEP 2 - TURN ON SERVER

```
rails server
```

STEP 3 - MVC SCAFFOLD

```
rails generate scaffold Book title:string author:string year_published:integer genre:str
available:boolean image:string
```

KEY FOLDERS

FOLDER	PURPOSE
APP/	CONTAINS THE CONTROLLERS, MODELS, VIEWS, HELPERS, MAILERS AND ASSETS FOR YOUR APPLICATION. *WE WILL FOCUS ON THIS FOLDER FOR THE REMAINDER OF CLASS*
CONFIG/	CONFIGURE YOUR APPLICATION'S ROUTES, DATABASE, ETC.,
DB/	CONTAINS YOUR CURRENT DATABASE SCHEMA, AS WELL AS THE DATABASE MIGRATIONS.
GEMFILE	THESE FILES ALLOW YOU TO INCLUDE LIBRARIES

WHY TIME?

LAB TIME

<pet_app>

```
1 - Create a new app called animal_app
2 - Using the scaffold technique create an Animal model with the following attributes:
    - name, animal_type, age, available, image
```

HOMEWORK

1 - COMPLETE ANIMAL APP

2- READ & COMPLETE THE GETTING STARTED SECTION

- HTTP://GUIDES.RUBYONRAILS.ORG/GETTING_STARTED.HTML

*** DUE DATE - MONDAY **