

BEWD 13

LESSON 12

3

LEARNING GOALS

INTRO TO RAILS

- BASIC PRINCIPLES OF MVC (MODEL, VIEW, CONTROLLER)
- CREATE A NEW RAILS APPLICATION
- RAPID PROTOTYPING WITH SCAFFOLDING

GIT TIME

MVC

<model | view | controller>

MVC : LEARNING GOAL REVIEW

- 1 - ROLE OF ROUTES
- 2 - ROLE OF CONTROLLERS
- 3 - ROLE OF MODELS
- 4 - ROLE OF VIEWS

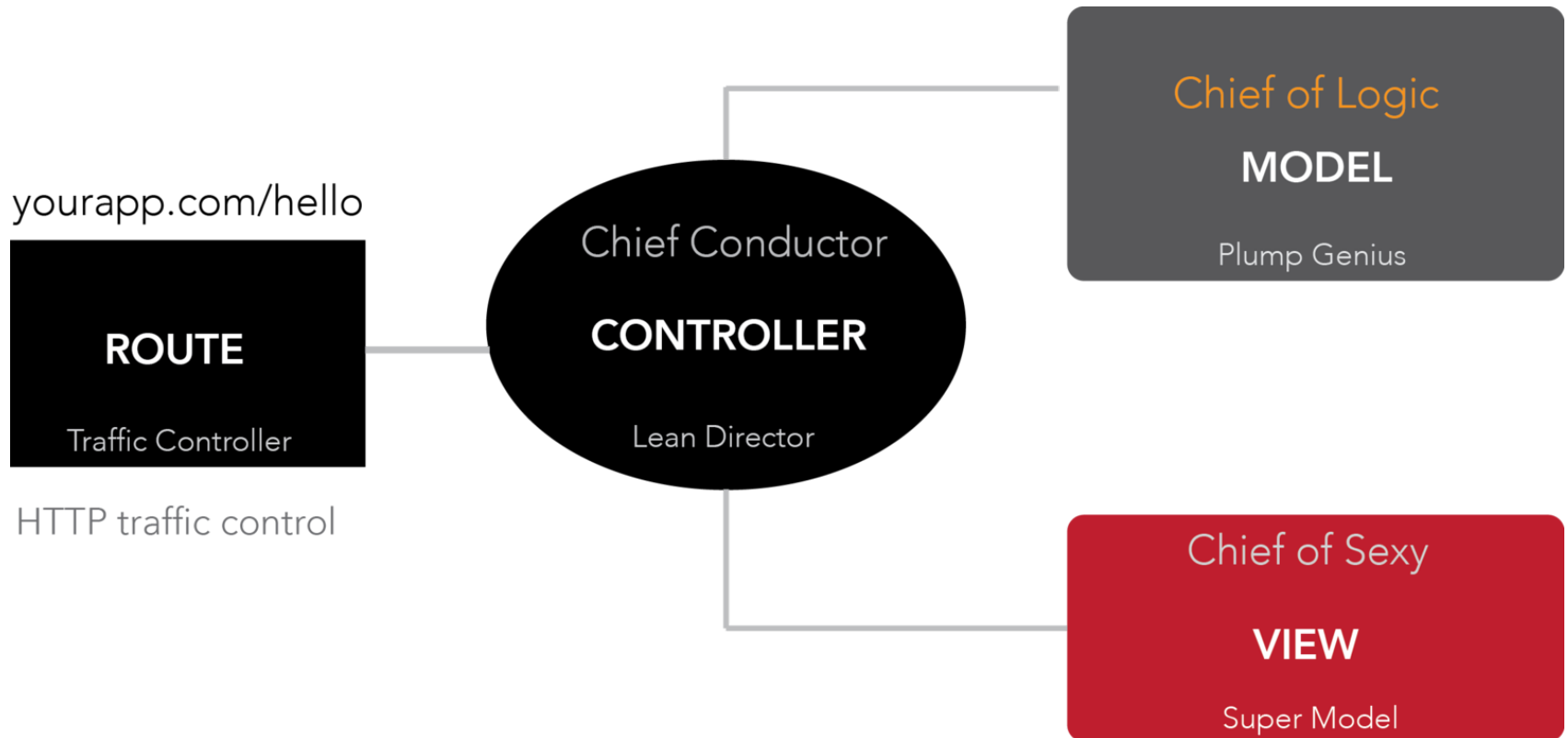
ANATOMY OF MVC

MODEL

VIEW

CONTROLLER

ANATOMY OF MVC



APP CREATION

<book_app>

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:string  
available:boolean image:string
```

KEY FOLDERS

FOLDER	PURPOSE
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APP/	CONTAINS THE CONTROLLERS, MODELS, VIEWS, HELPERS, MAILERS AND ASSETS FOR YOUR APPLICATION.
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WE WILL FOCUS ON THIS FOLDER FOR THE REMAINDER OF CLASS

CONFIG/	CONFIGURE YOUR APPLICATION'S ROUTES, DATABASE, ETC.,
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DB/	CONTAINS YOUR CURRENT DATABASE SCHEMA, AS WELL AS THE DATABASE MIGRATIONS.
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GEMFILE	THESE FILES ALLOW YOU TO INCLUDE LIBRARIES
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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