

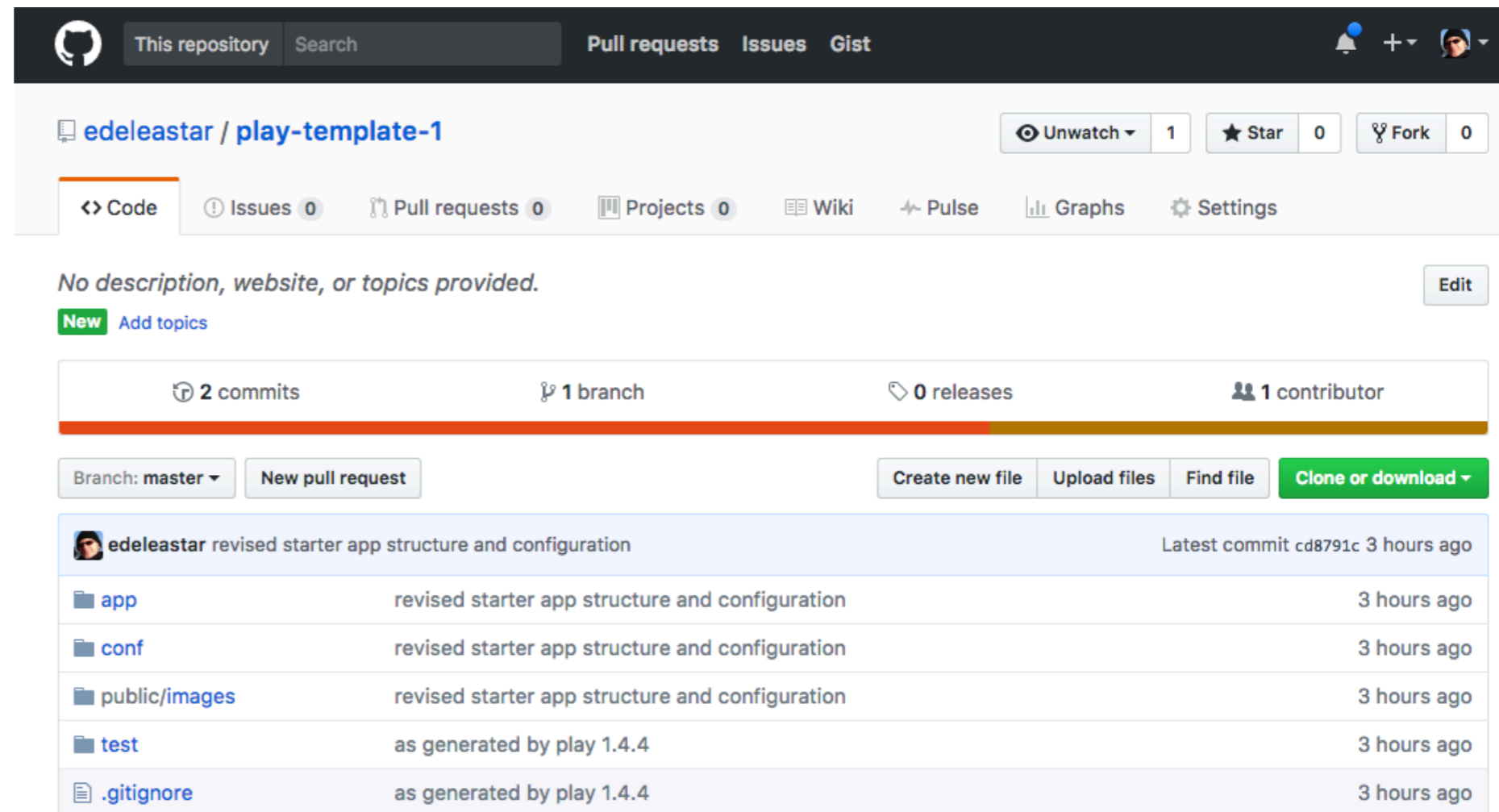
# Web App Introduction

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# Starter App

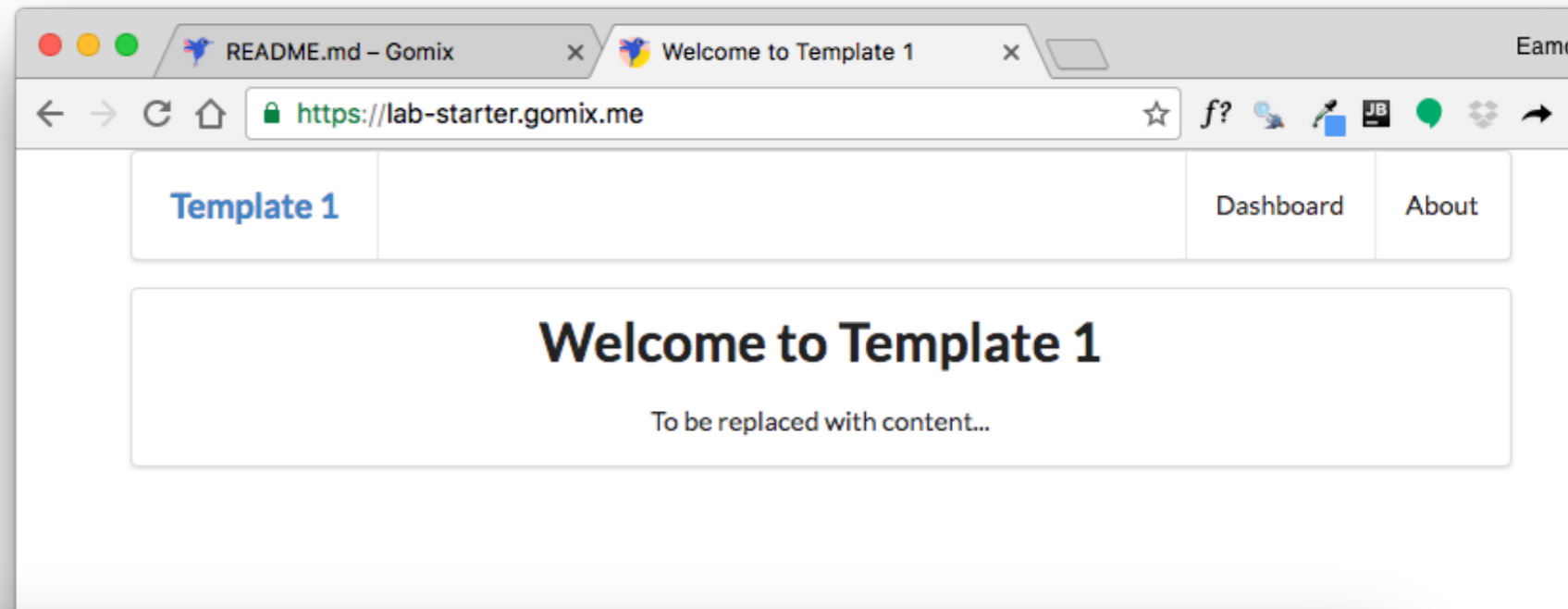
- We will always start a new project by importing a template project from github.
- play-template-1 is a 'boilerplate' project providing foundation components for a starter application.
- Extend/repurpose this project to build interesting applications.



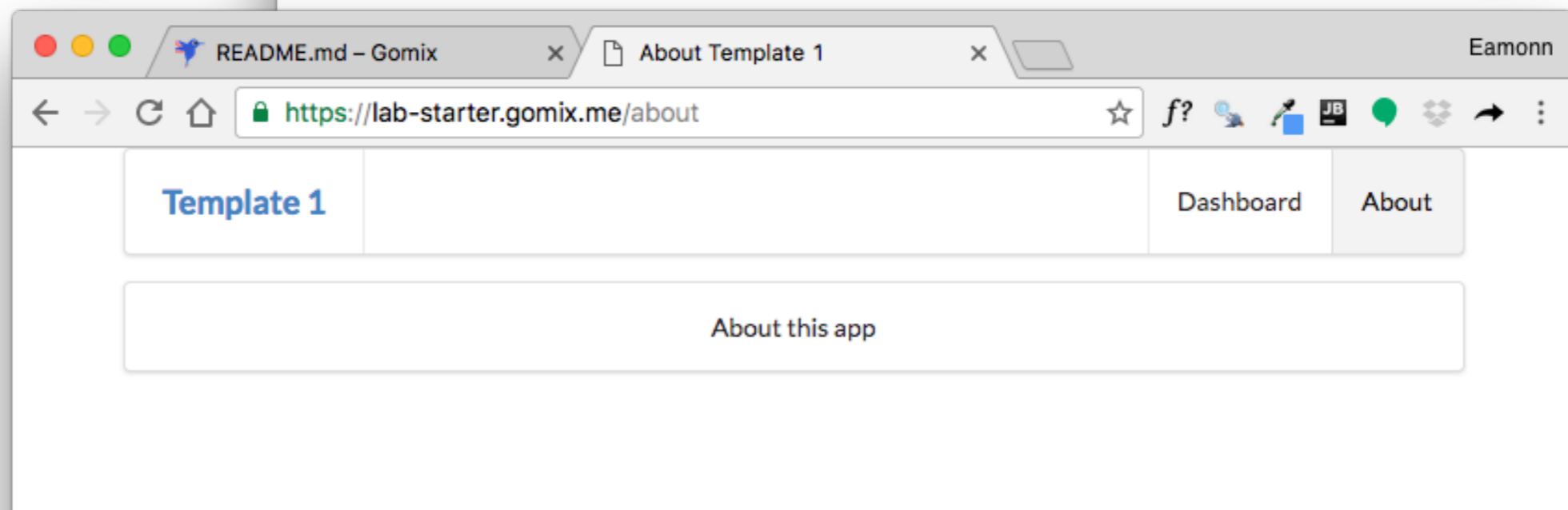
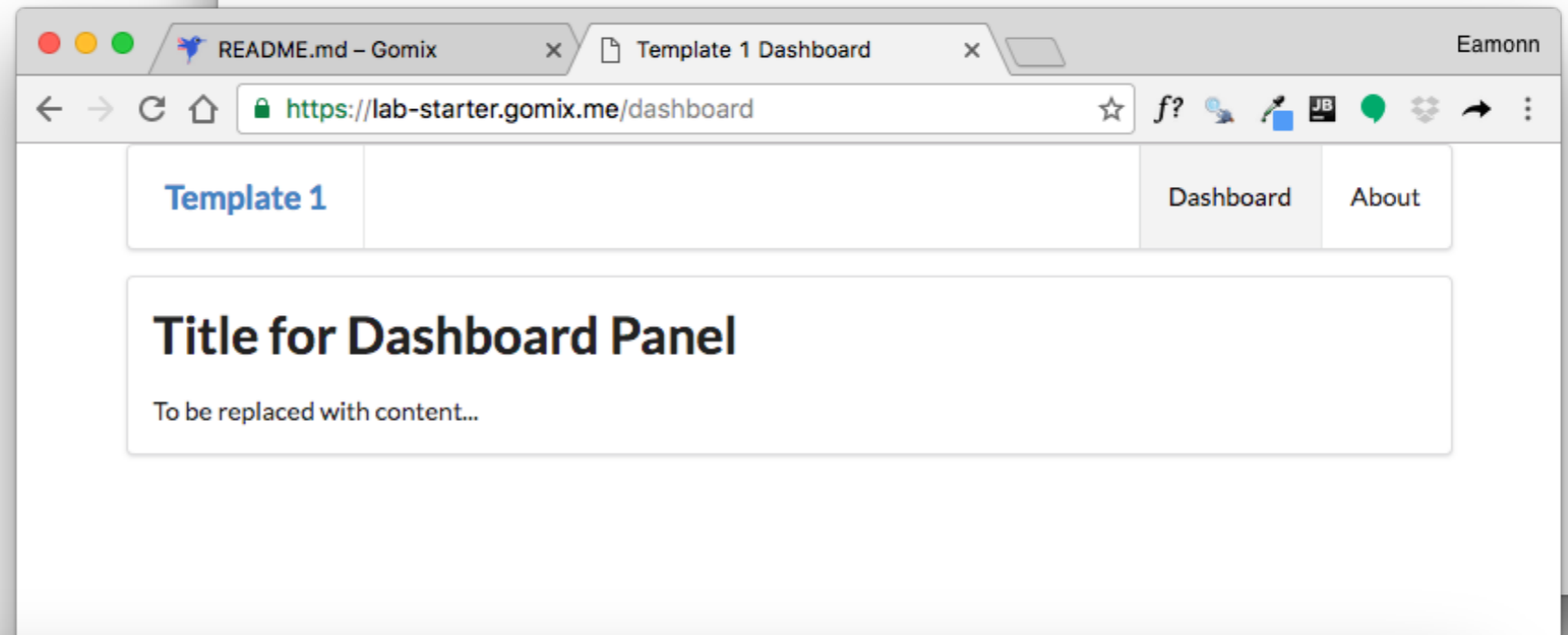
The screenshot shows the GitHub interface for the repository 'edeleastar / play-template-1'. The repository has 1 watch, 0 stars, and 0 forks. It contains 2 commits, 1 branch, 0 releases, and 1 contributor. The latest commit, 'edeleastar revised starter app structure and configuration', was made 3 hours ago. The commit history shows several files and folders being updated, including 'app', 'conf', 'public/images', 'test', and '.gitignore', all updated 3 hours ago. The commit message for the latest commit is 'revised starter app structure and configuration'.

File/Folder	Commit Message	Time
app	revised starter app structure and configuration	3 hours ago
conf	revised starter app structure and configuration	3 hours ago
public/images	revised starter app structure and configuration	3 hours ago
test	as generated by play 1.4.4	3 hours ago
.gitignore	as generated by play 1.4.4	3 hours ago

- The starter app has a menu + 3 'Views':

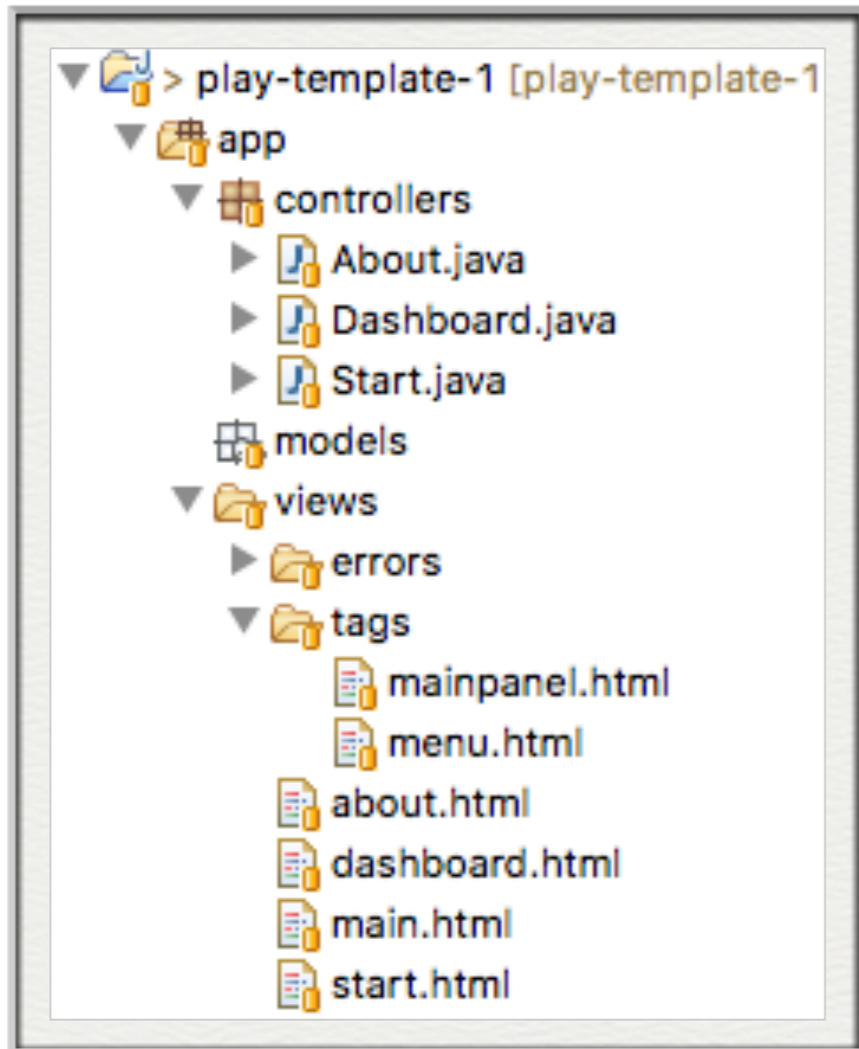


- Start
- Dashboard
- About



# Application Structure

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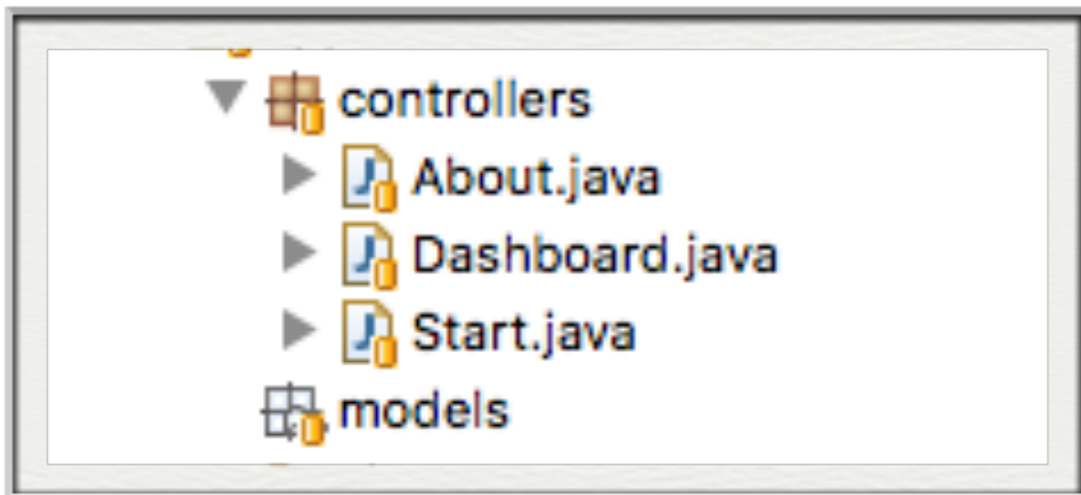
- App implements Routes + Model/View/Controller Architecture
- Back-end + Front-end collaborate to support structured, predictable application workflow

# Back-end

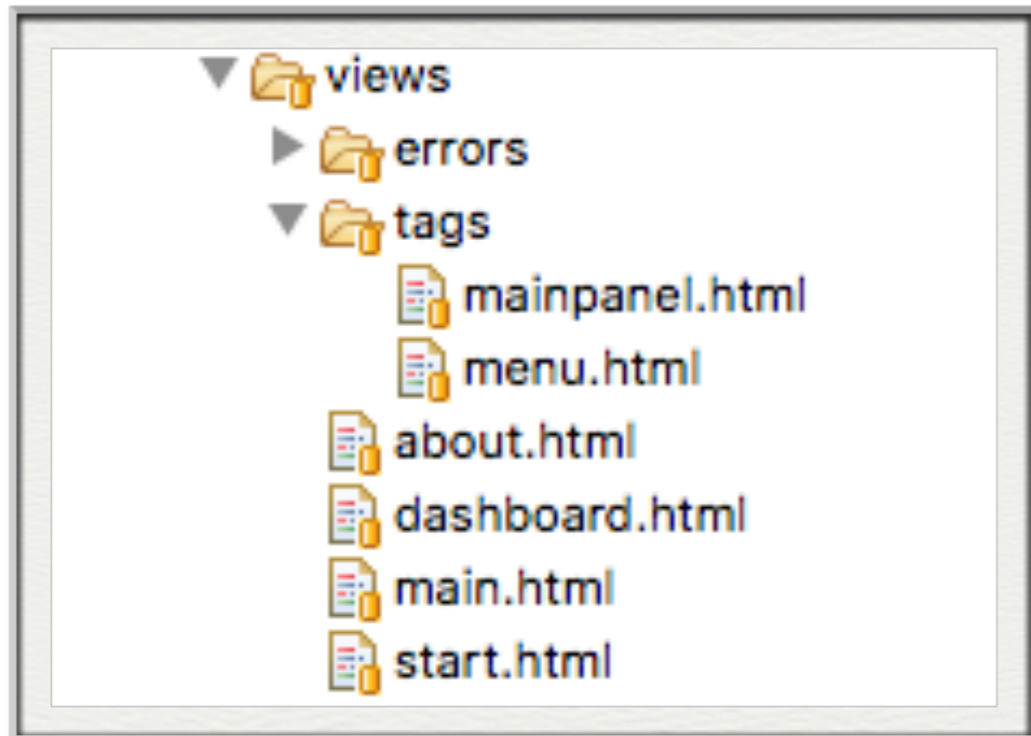
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- All written in Java
- Consists of:
  - **Server** - main entry point
  - **Routes** - supported urls
  - **Controllers** - objects to handle the routes
  - **Config** - system wide config of application
- Will include **Models** later...



# Front-end

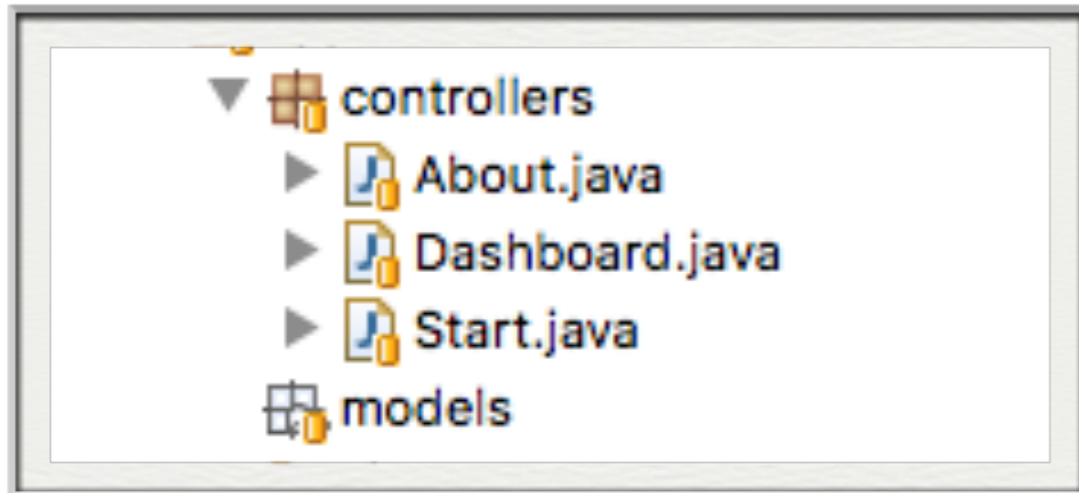


- All written in HTML + templating
- Templating language supports:
  - **Layouts**
  - **Partials**
  - **Views**
- These are similar to EJS equivalents

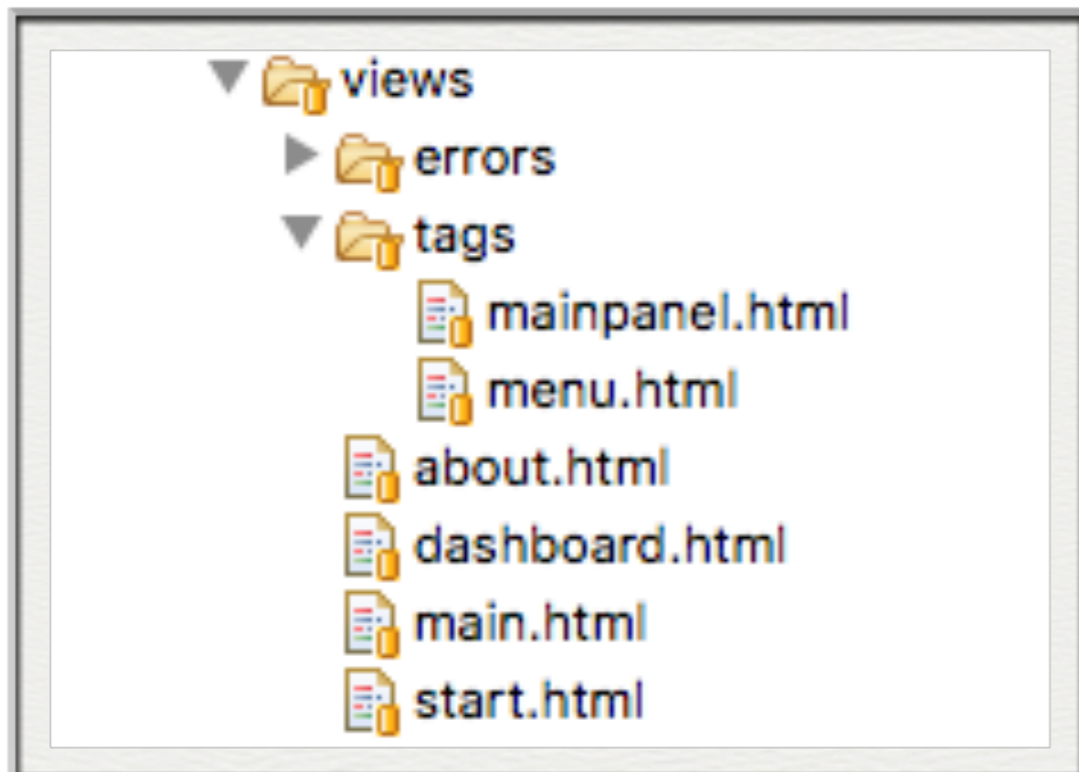
# Back-end + Front-end

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- To build a new app:
  - Extend, modify, replace and create new routes + controllers
  - Rewrite templates to support new features, data and user experience.



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