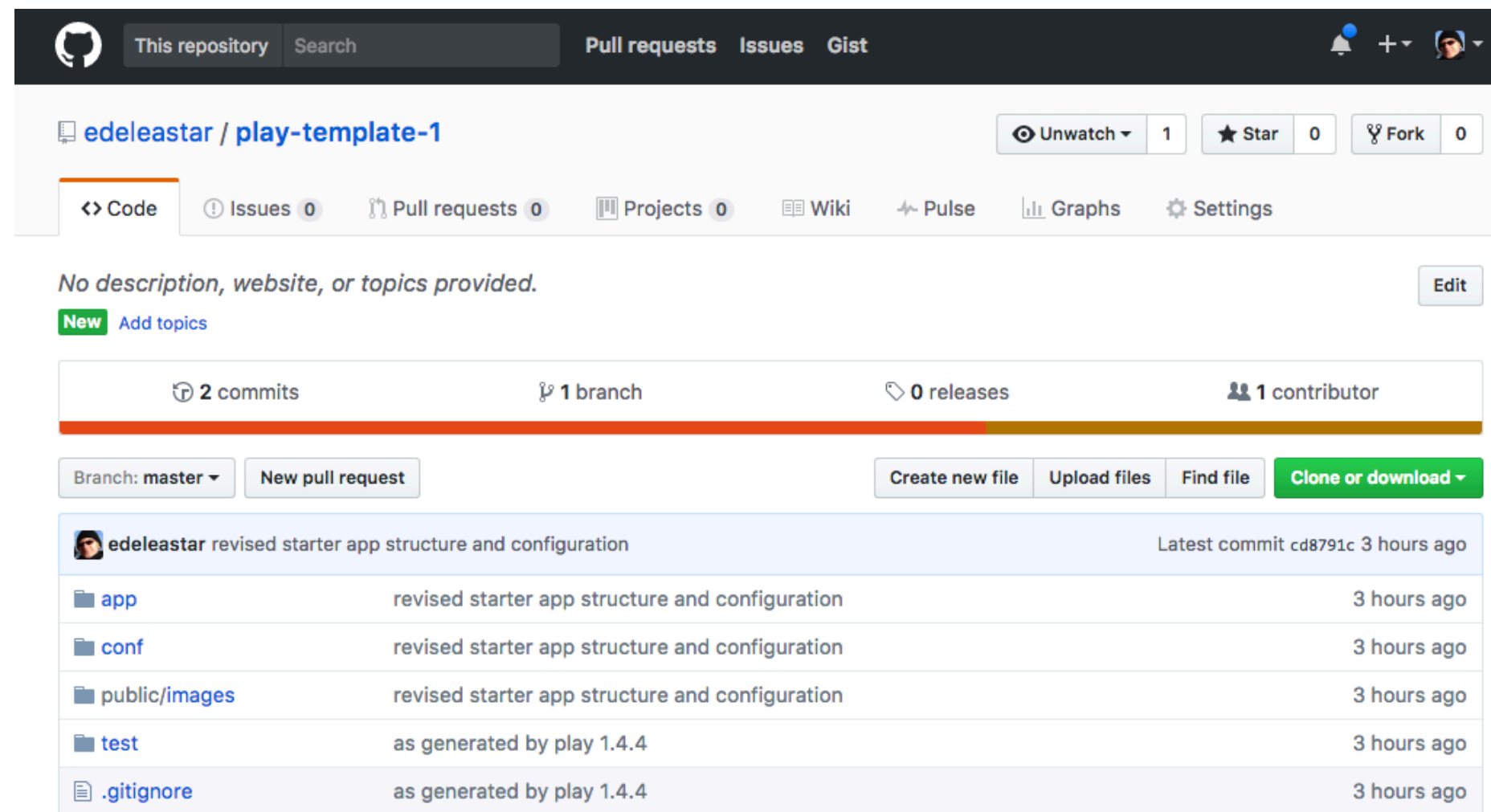


Web App Introduction



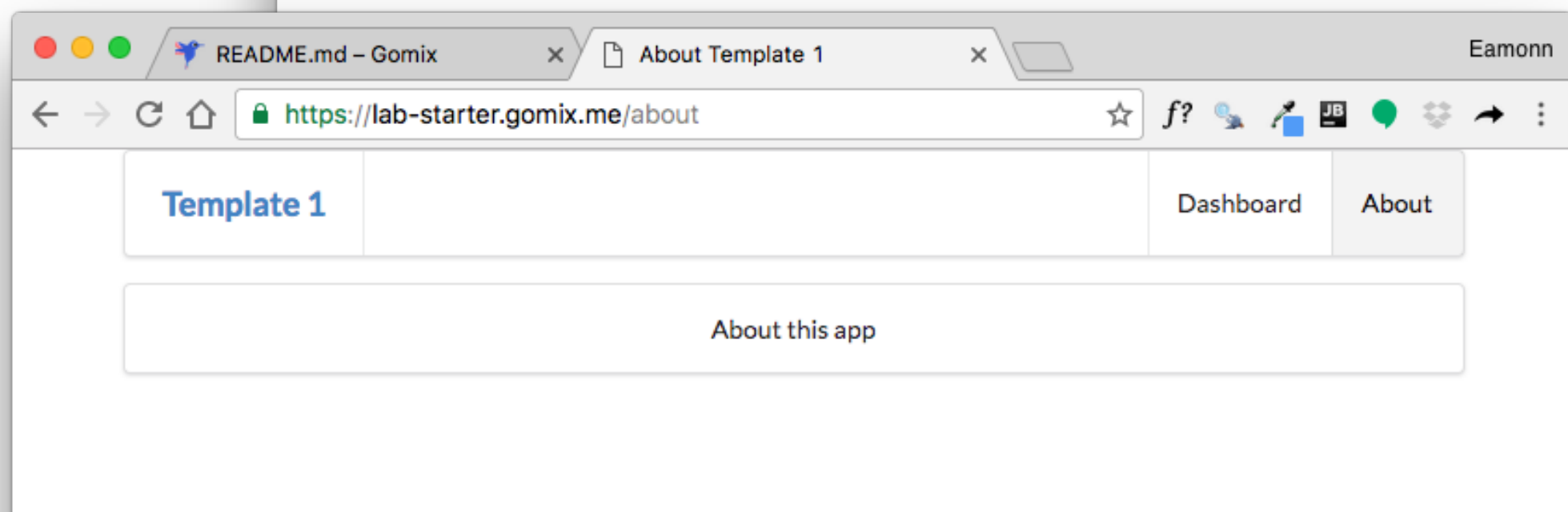
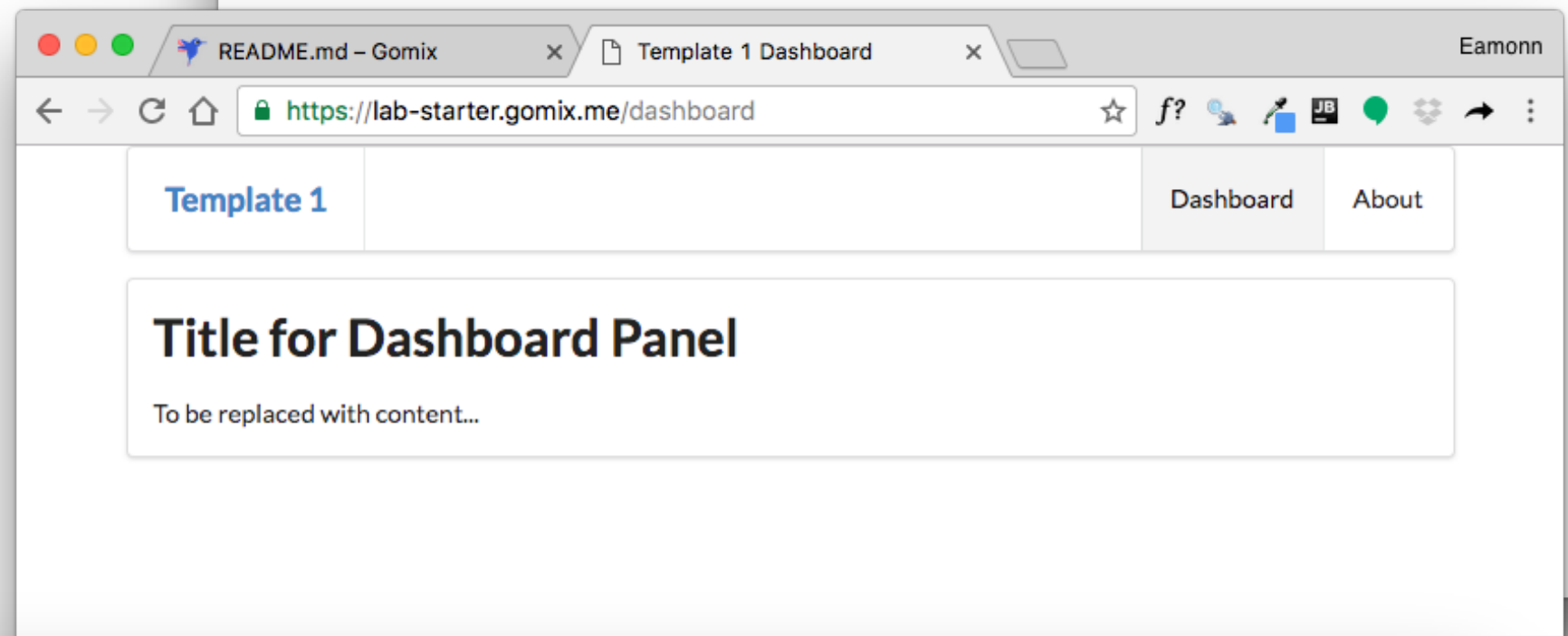
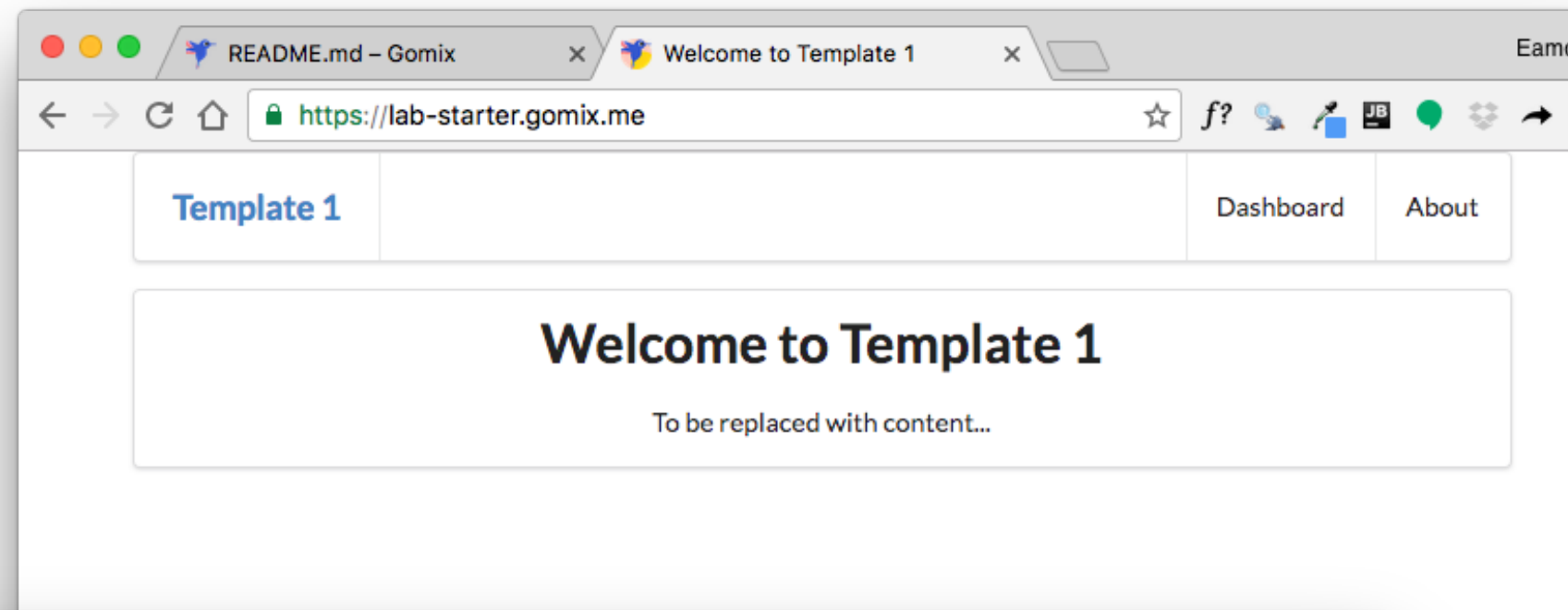
Starter App

- 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.

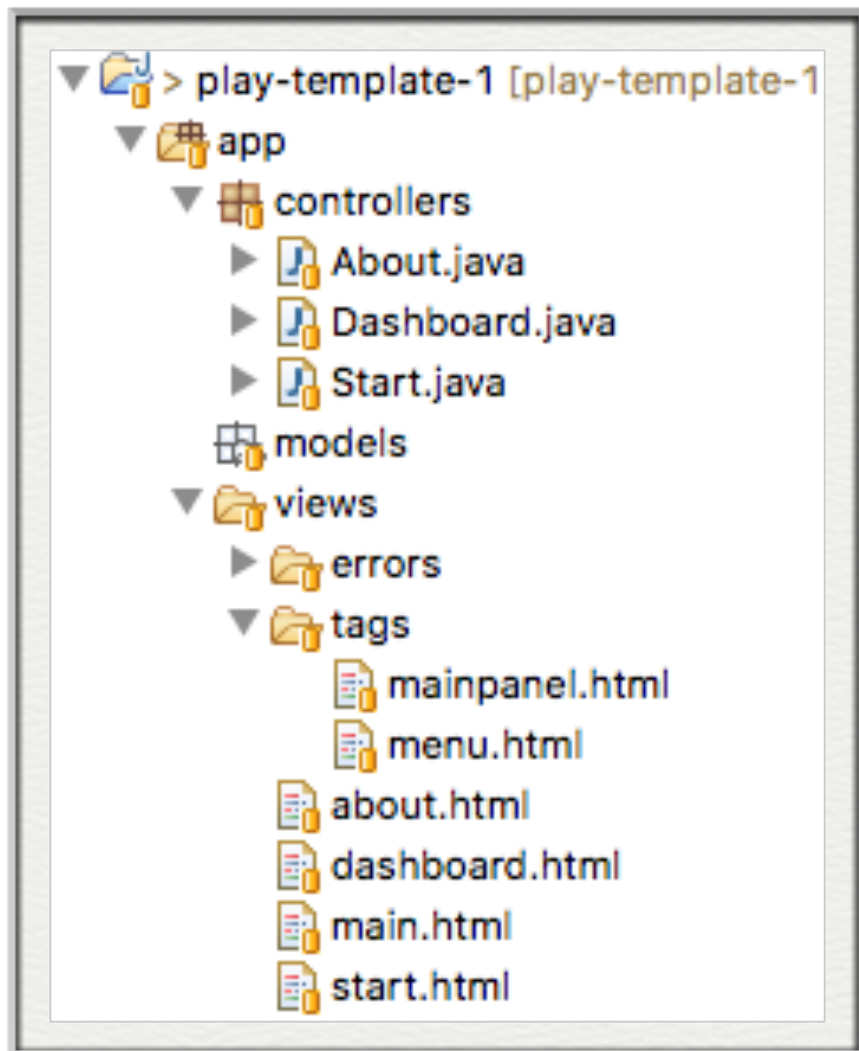


- The starter app has a menu + 3 'Views':

- Start
- Dashboard
- About



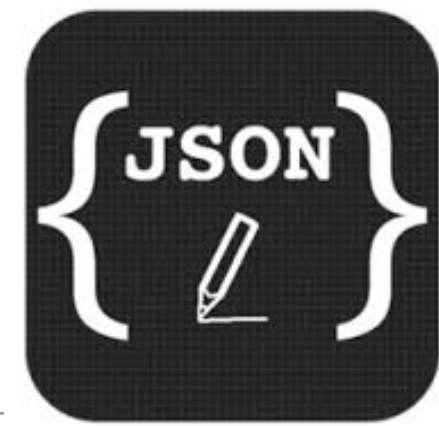
Application Structure



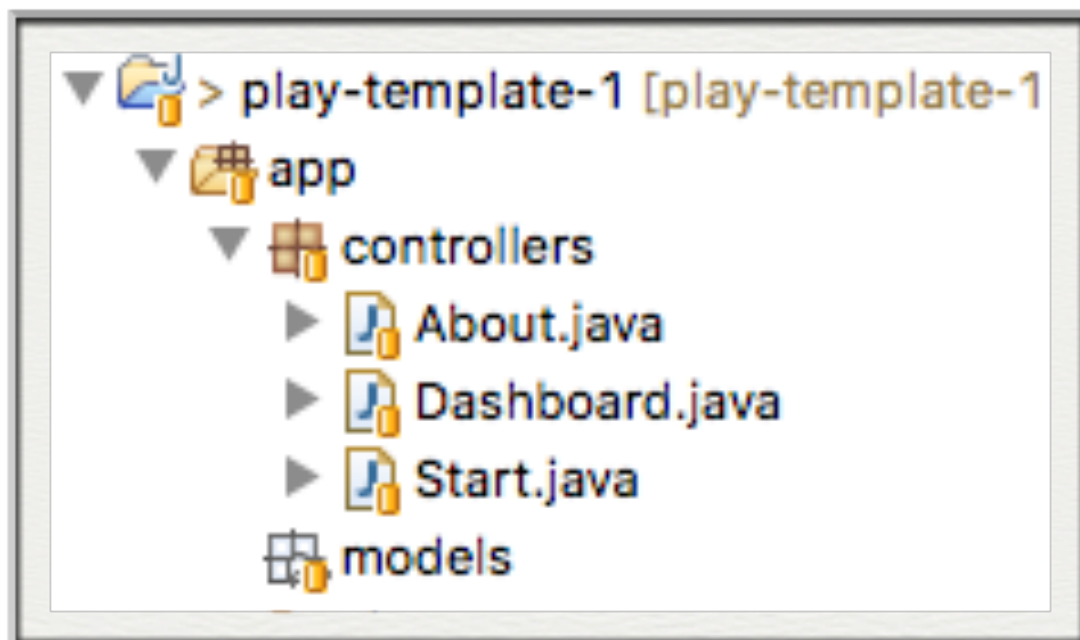
- App implements Routes + Model/View/Controller Architecture
- Back-end + Front-end collaborate to support structured, predictable application workflow

Back-end

JS

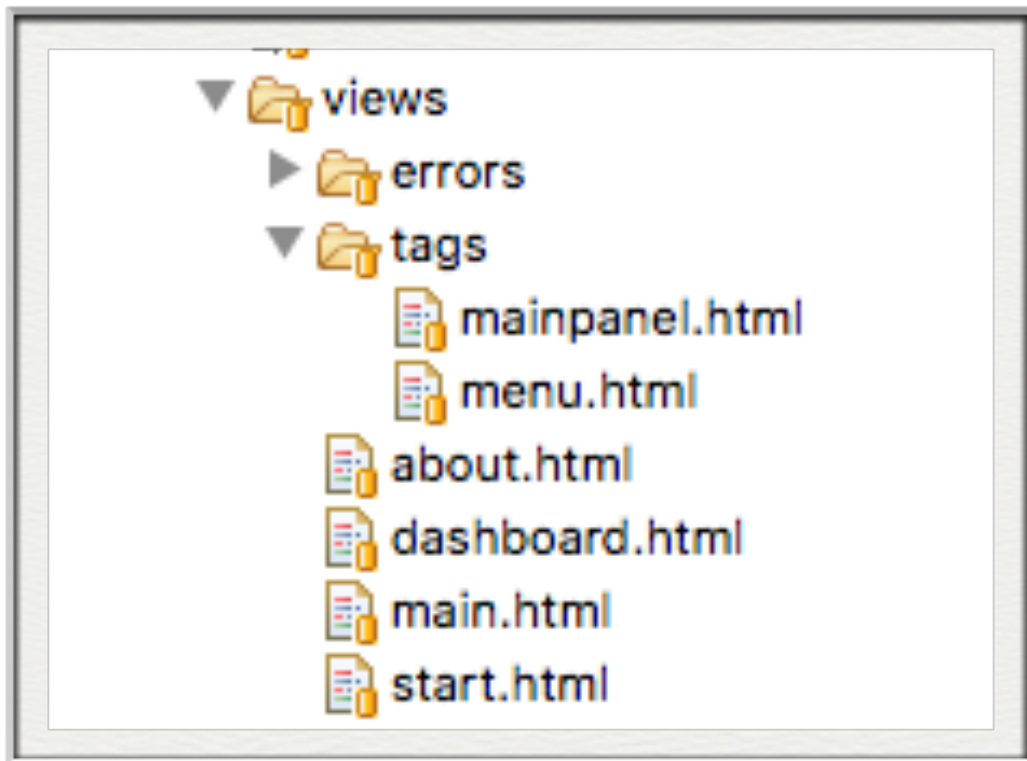


- All written in Javascript + JSON
- Consists of:
 - **Server** - main entry point
 - **Routes** - supported urls
 - **Controllers** - objects to handle the routes
 - **Config** - system wide config of application
- Will include **Models** later...



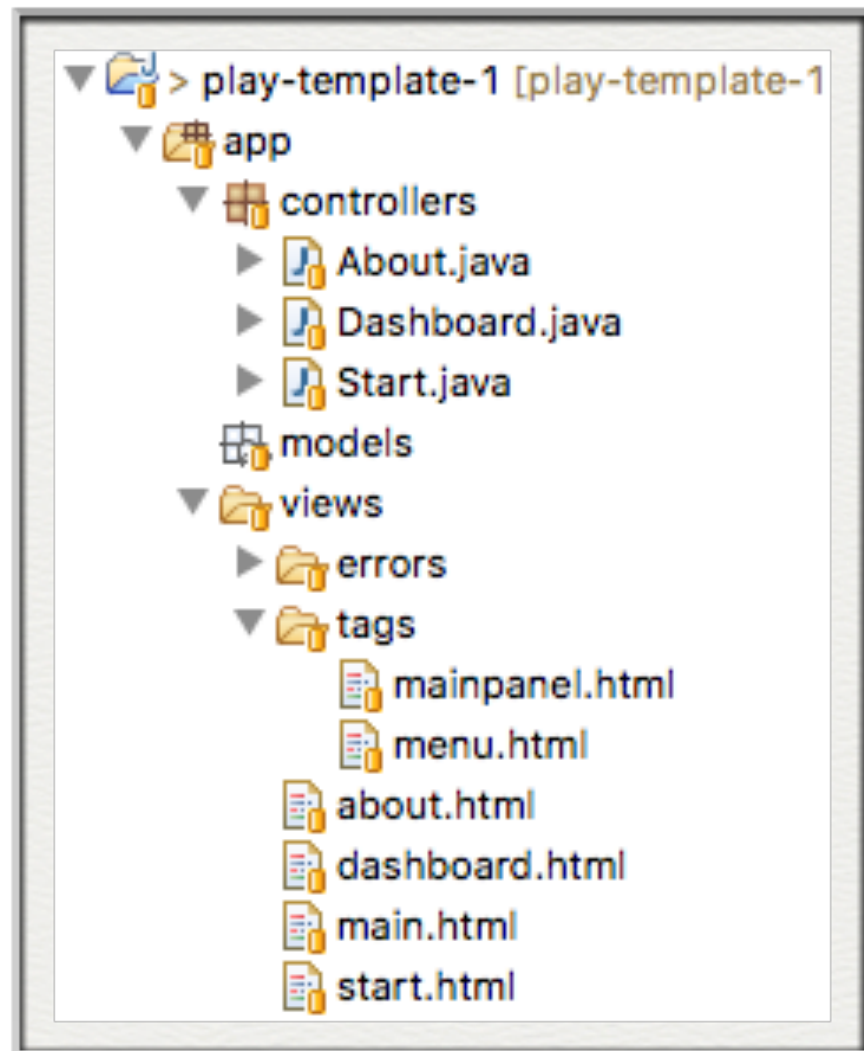


Front-end



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

Back-end + Front-end



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