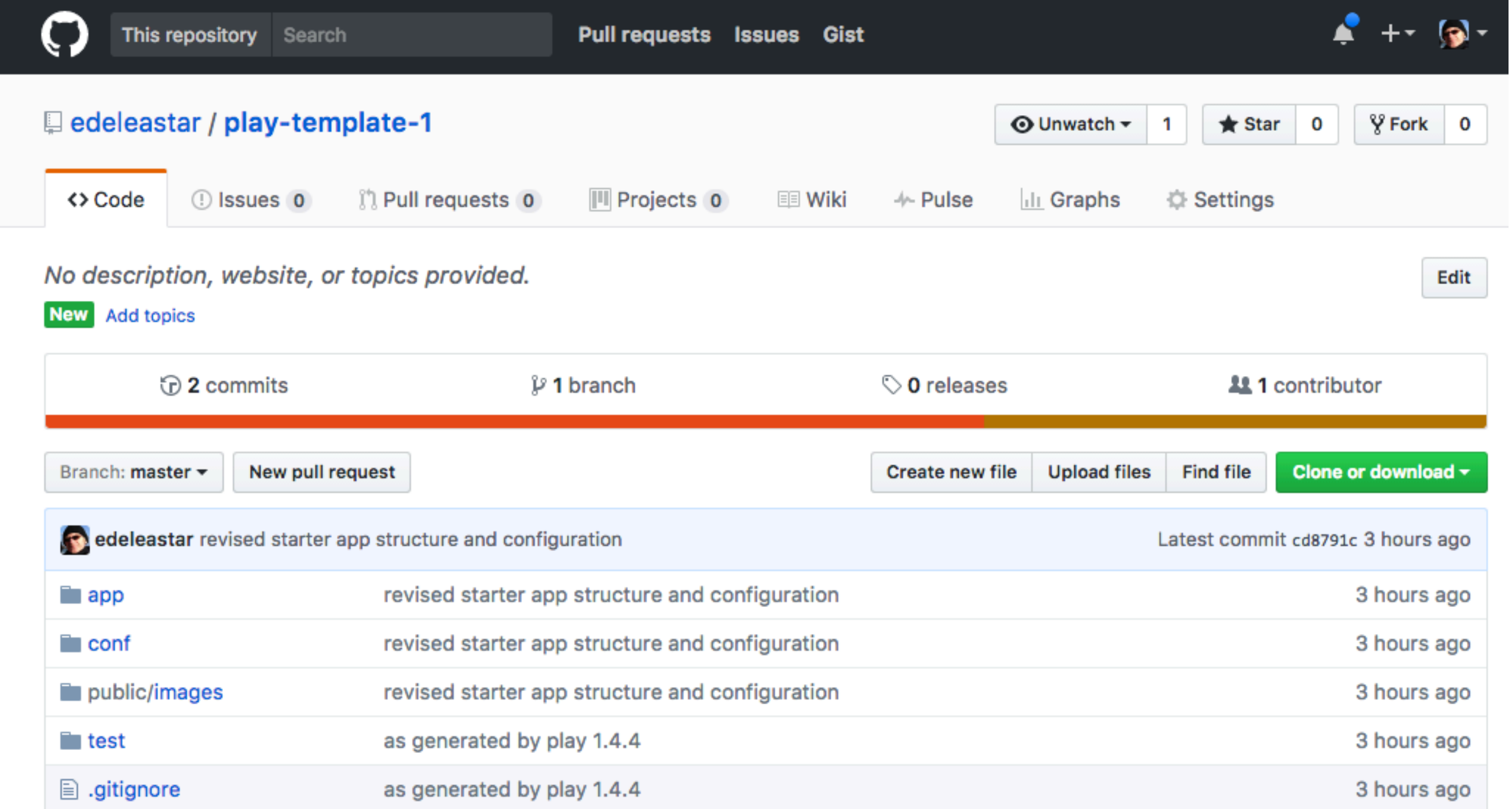


Web App Introduction



Starter App

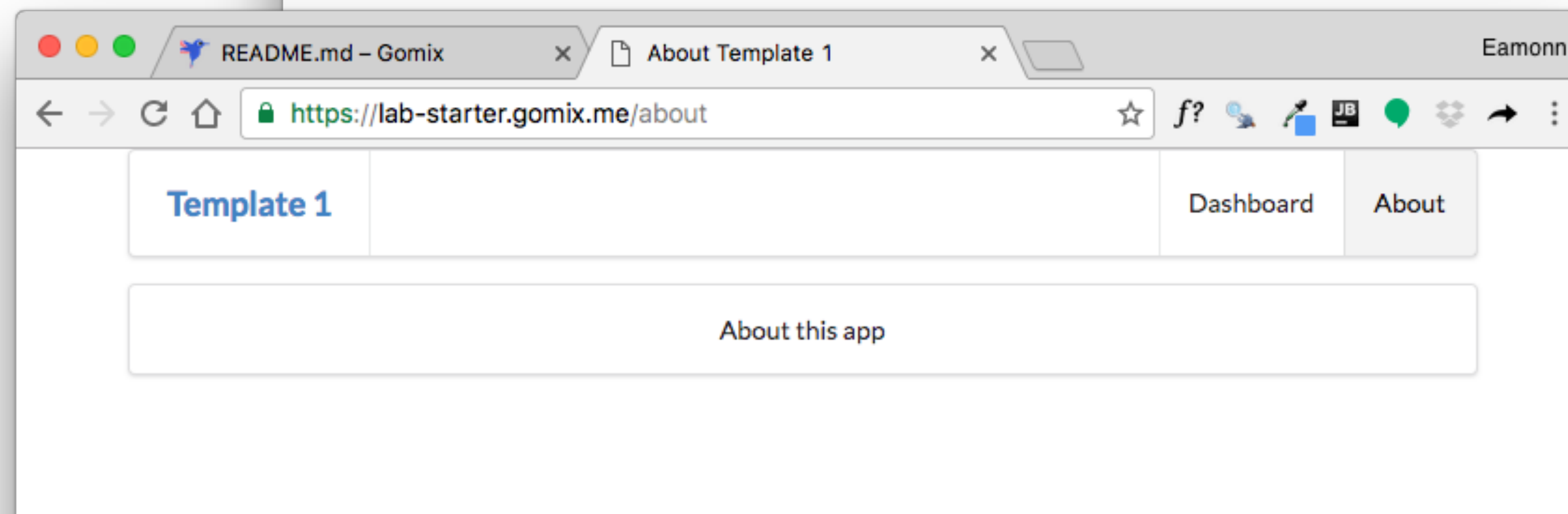
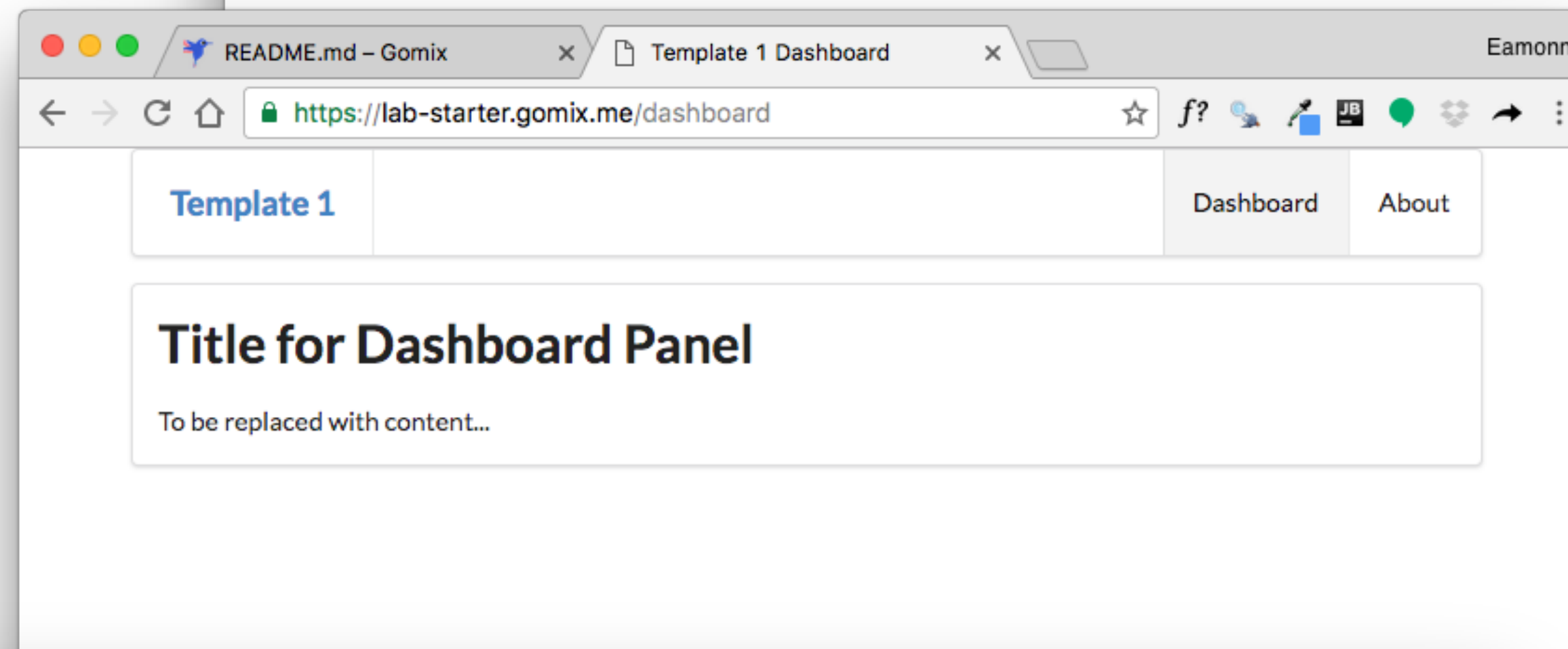
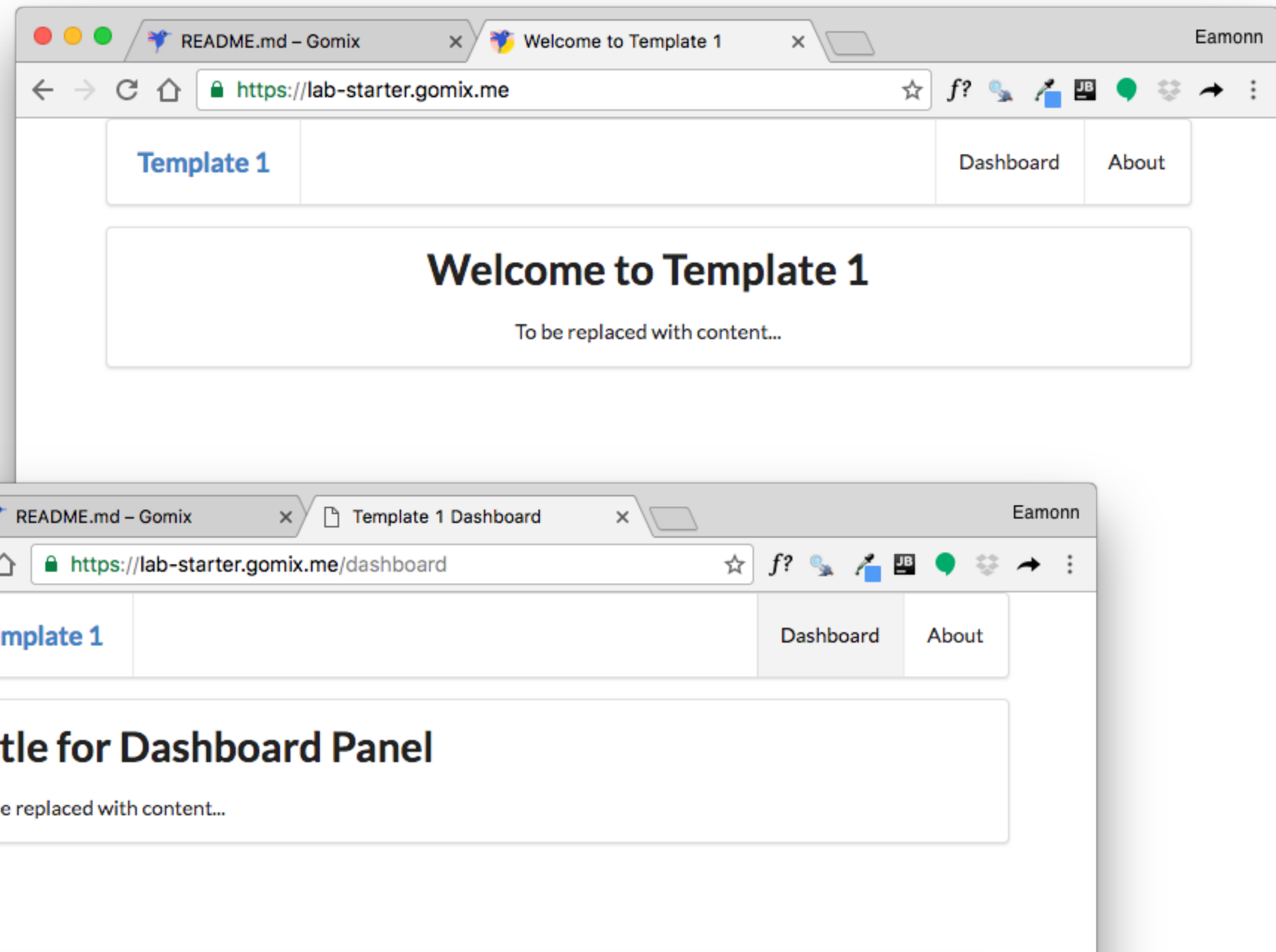
- We will always start a new project by importing a template project from github.
- play-template-1 is a ‘boilerplate’ project providing foundation components for a starter application.
- Extend/repurpose this project to build interesting applications.



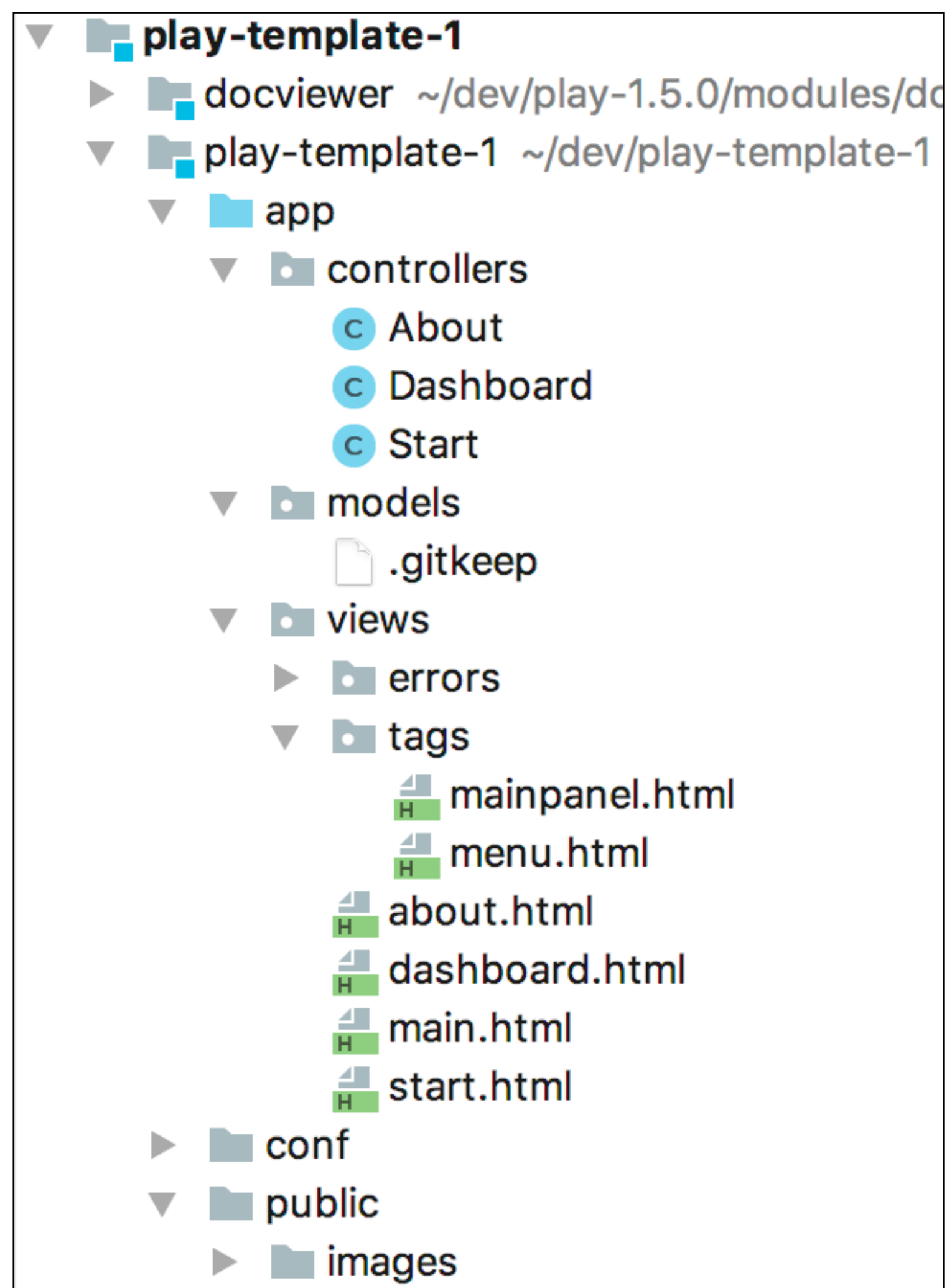
The screenshot shows the GitHub interface for the repository 'edeleastar / play-template-1'. The repository has 1 watch, 0 stars, and 0 forks. It contains 2 commits, 1 branch, 0 releases, and 1 contributor. The latest commit, 'edeleastar revised starter app structure and configuration', was made 3 hours ago. The commit details show a list of files and folders:

File/Folder	Description	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

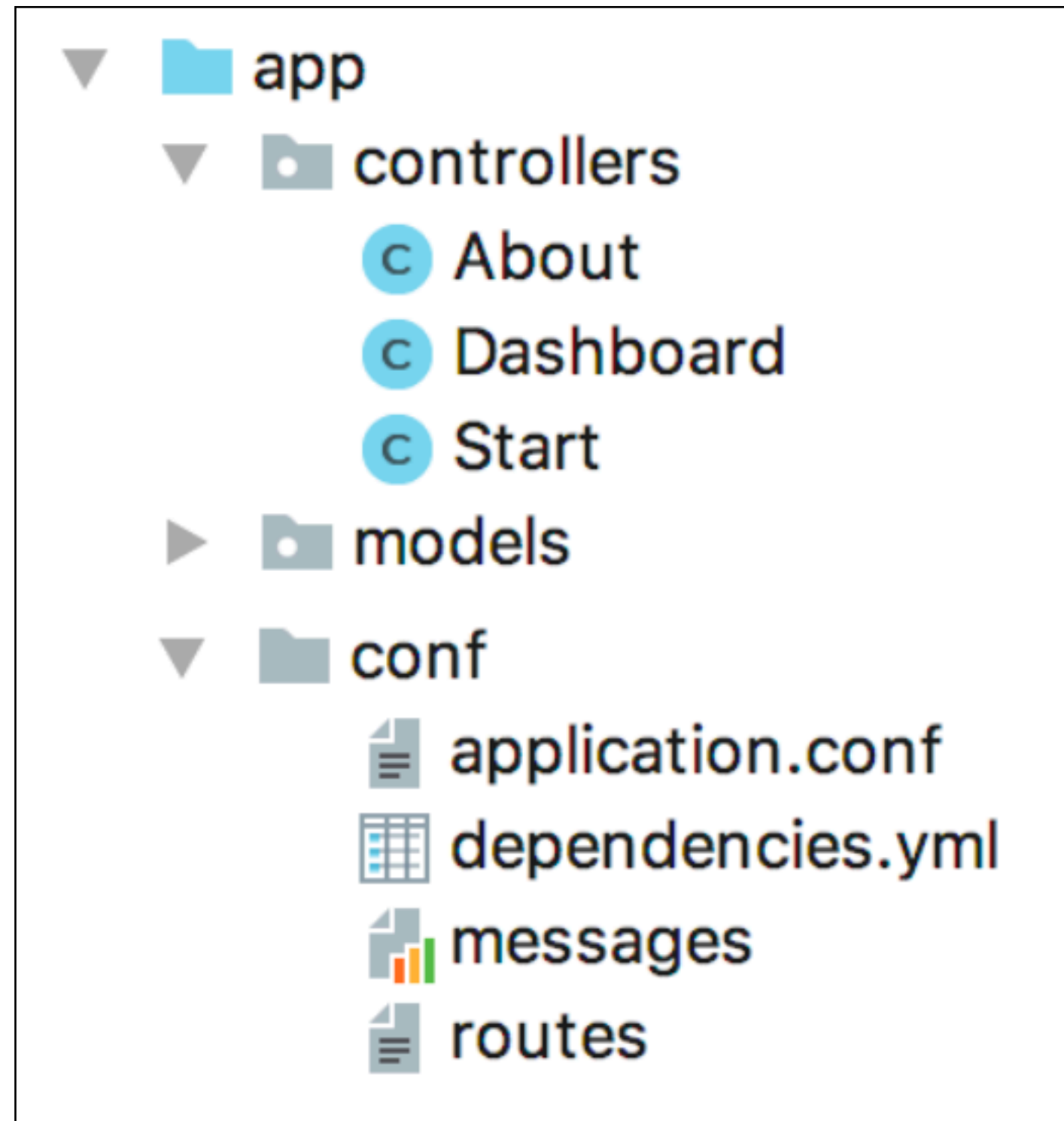


Application Structure



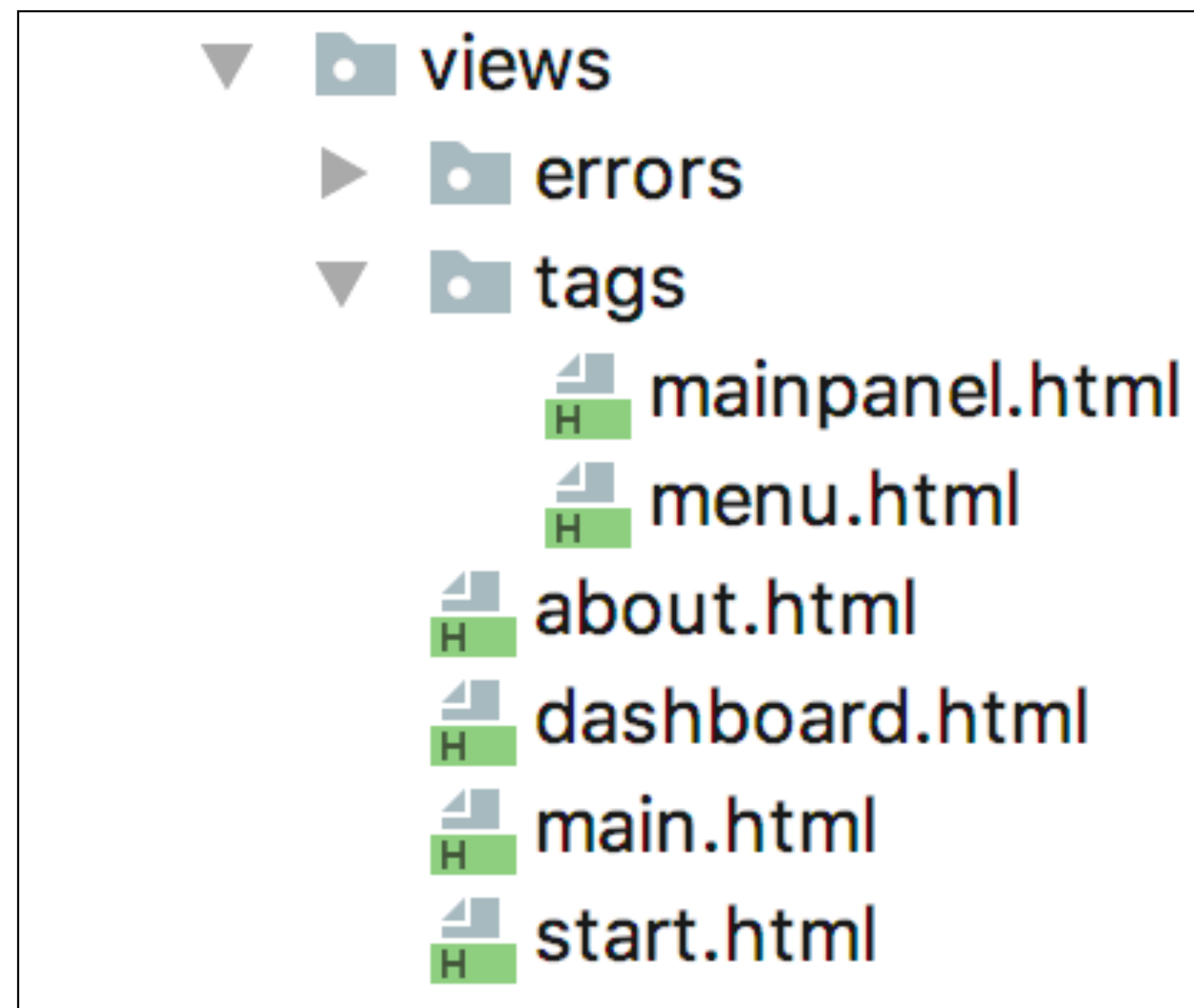
- App implements Routes + Model/View/Controller Architecture
- Back-end + Front-end collaborate to support structured, predictable application workflow

Back-end



- 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



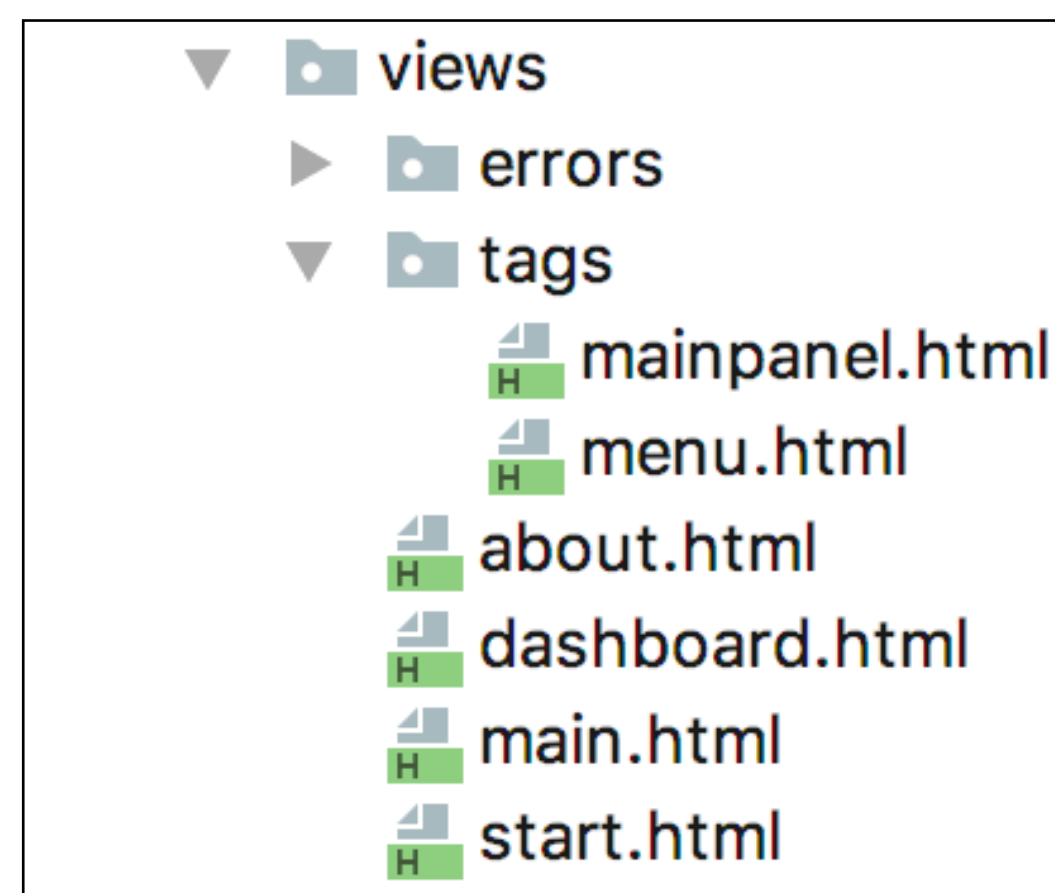
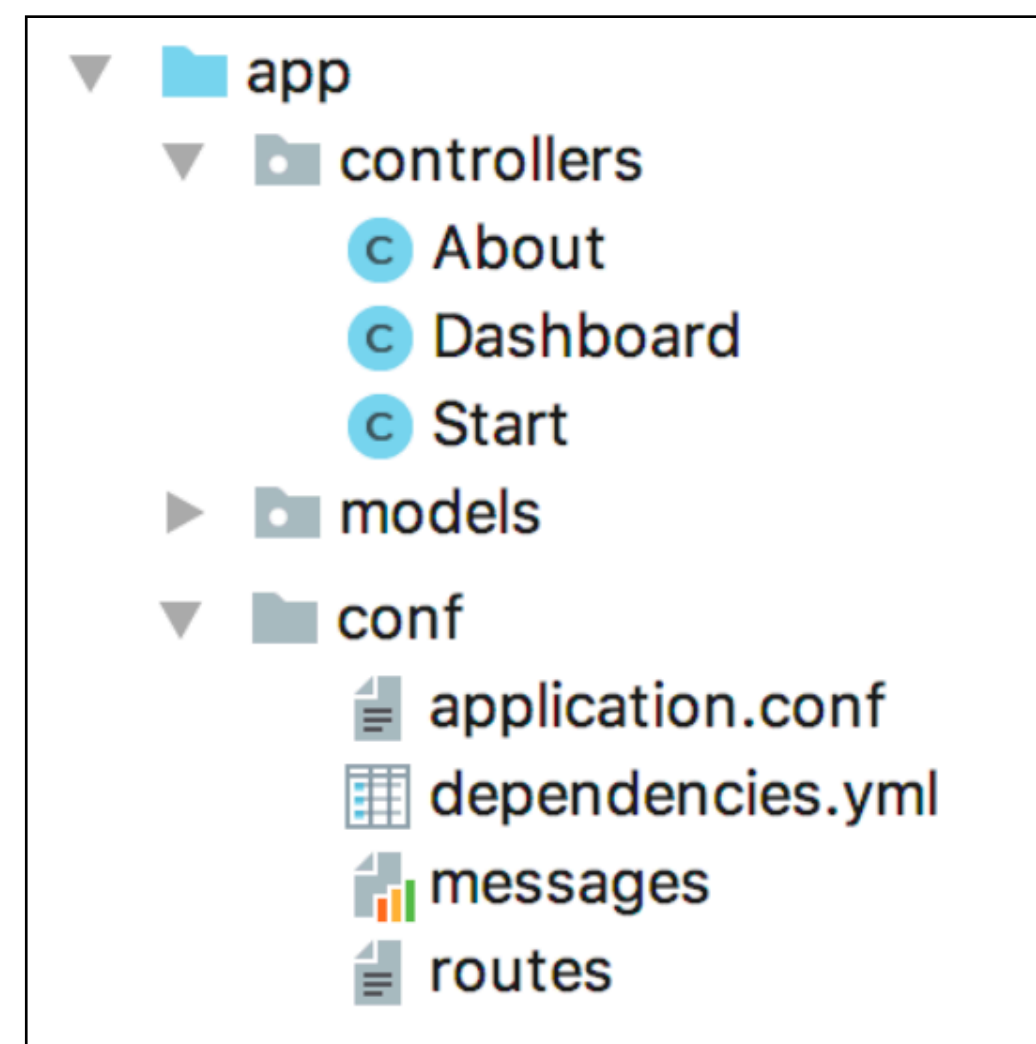
- All written in HTML + templating
- Templating language supports:
 - **Layouts**
 - **Partials**
 - **Views**
- These are similar to EJS equivalents

Back-end + Front-end

- 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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