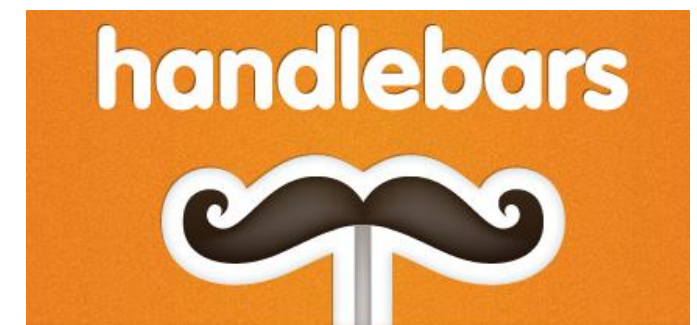
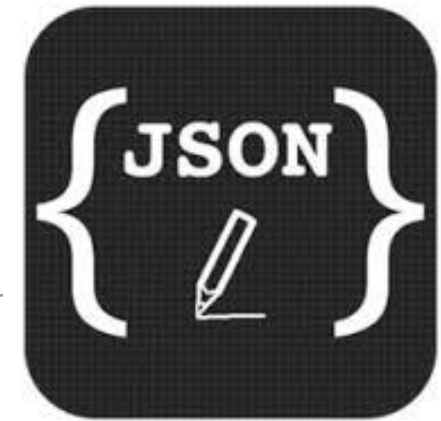


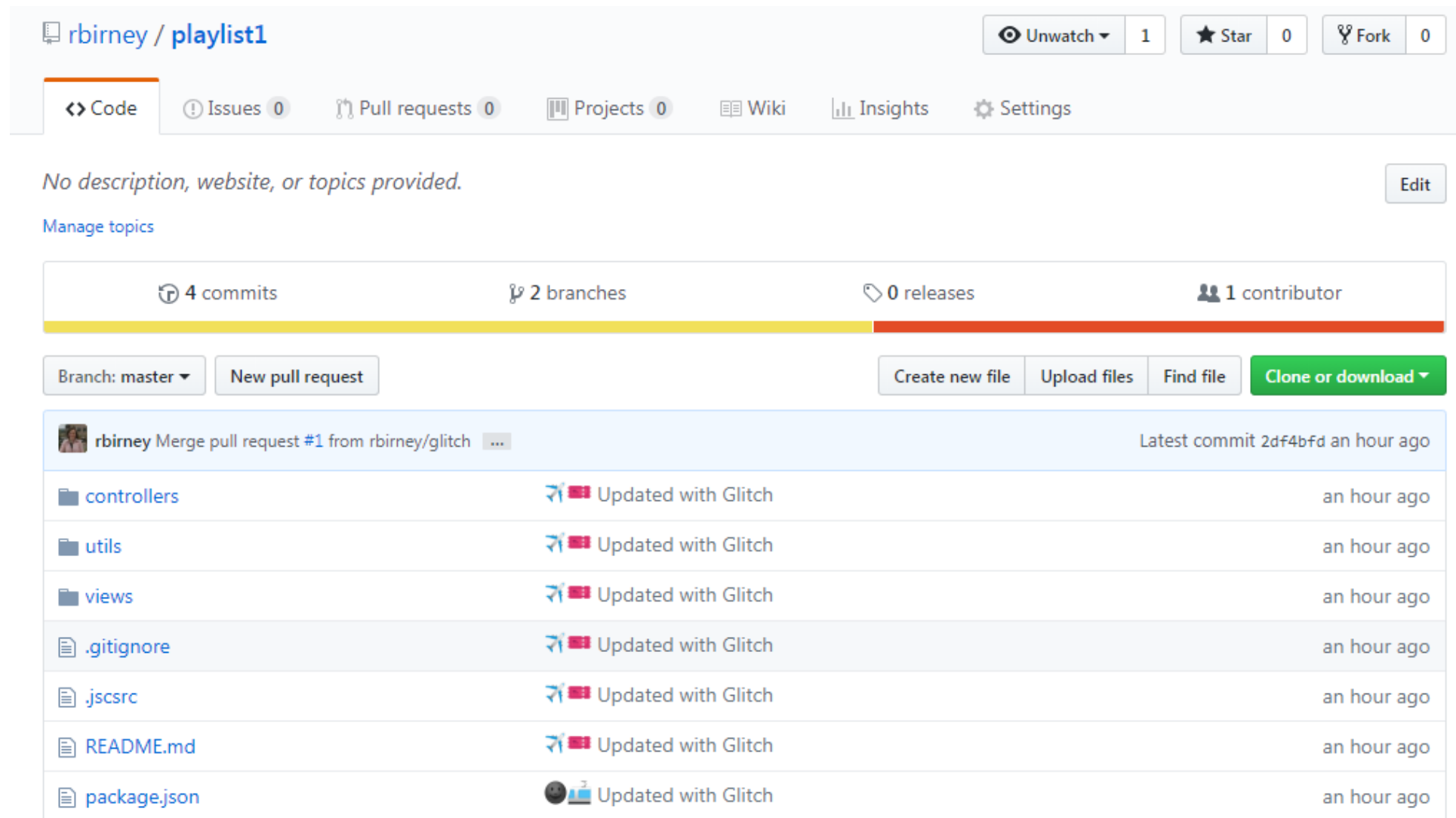
# Web App Introduction

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# Starter App

- We will always start a new project by importing a template project from github.
- Playlist1 is a 'boilerplate' project providing foundation components for a starter application.
- Extend/repurpose this project to build interesting applications.



# Import from Github...

heartbreaking-rise Show Live README.md

Share

+ New File

- assets
- public/client.js
- public/style.css
- views/index.html
- .env
- README.md
- package.json
- server.js

## Welcome to Glitch

Click **show** in the header to see your app live. Updates to your code will instantly deploy and update live.

**Glitch** is the friendly community where you'll build the app of your dreams. Glitch lets you instantly create, remix, edit, and host an app, bot or site, and you can invite collaborators or helpers to simultaneously edit code with you.

Find out more [about Glitch](#).

## Your Project

On the front-end,

client.js, public/style.css and views/index.html

assets, like images or music, to add them to your project

starts at server.js

works and packages in package.json

the app secrets in .env (nobody can see this but you and people you

Logs

Console

Container Stats **Ok**

Custom Domains

Git, Import, and Export

Tools

Made by [Glitch](#)

## < Git, Import, Export

Every Glitch project is also a Git repo

Read Write

<https://api.glitch.com/hear> copy

## Revoke repo access

Import from GitHub




Export to GitHub


Download Project





Tools



Made by [Glitch](#)

# Imported project




 **rb-playlist1-start**   Show **Live**


README.md 

 Share 

+ New File

 assets  
controllers/about.js  
controllers/dashboard.js  
controllers/start.js  
utils/logger.js  
views/layouts/main.hbs  
views/partials/mainpanel.hbs  
views/partials/menu.hbs  
views/about.hbs  
views/dashboard.hbs  
views/start.hbs  
 .env  
.gitignore  
.jscsrc  
**README.md**   
package.json  
routes.js  
server.js

 Markdown

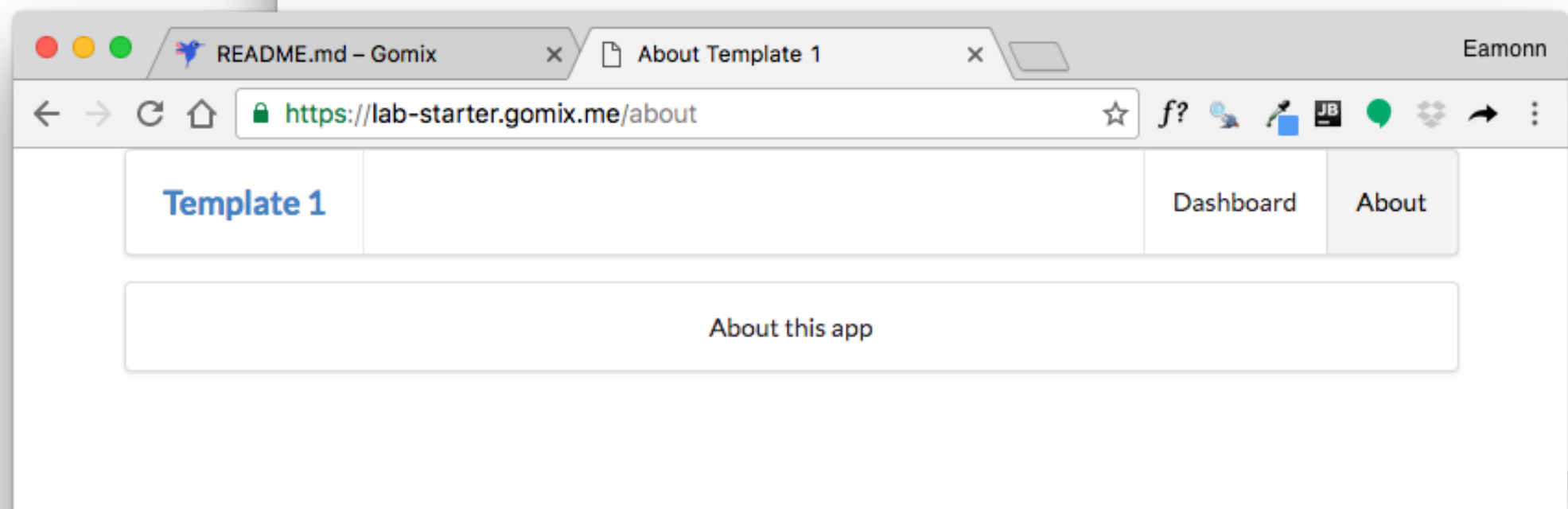
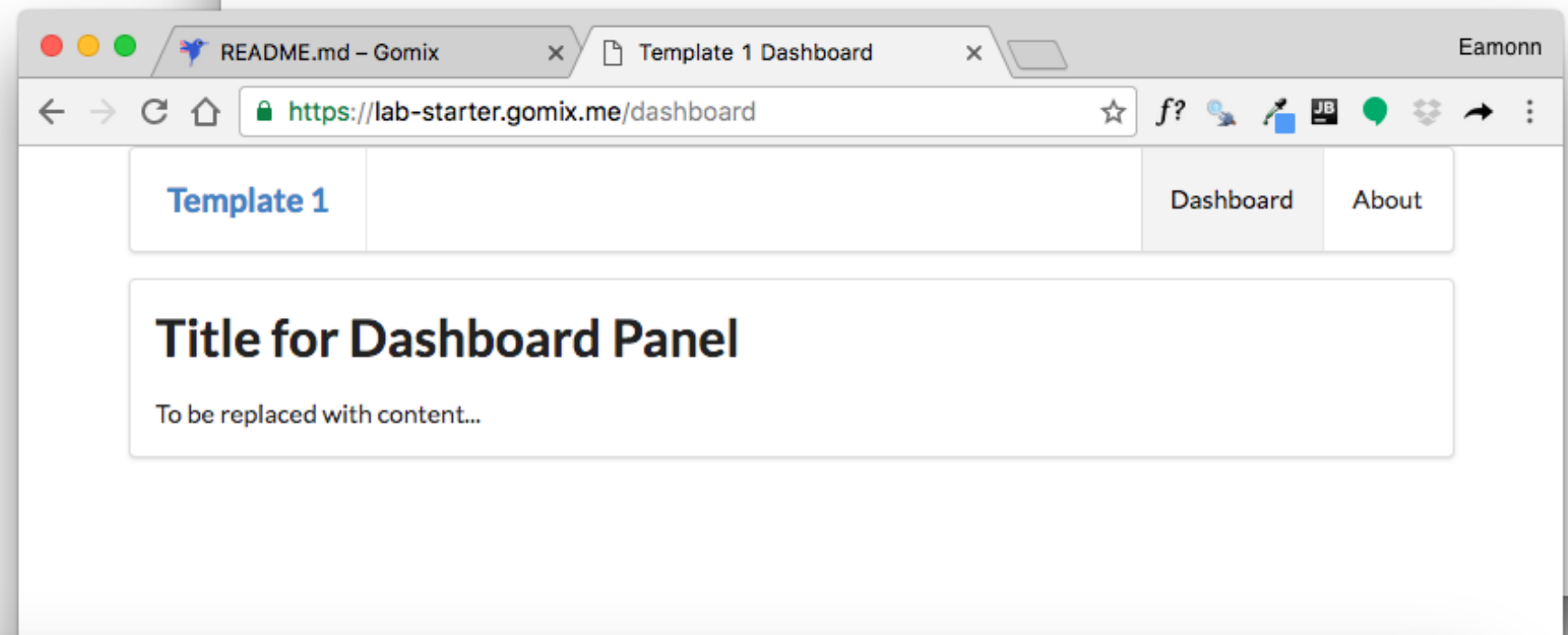
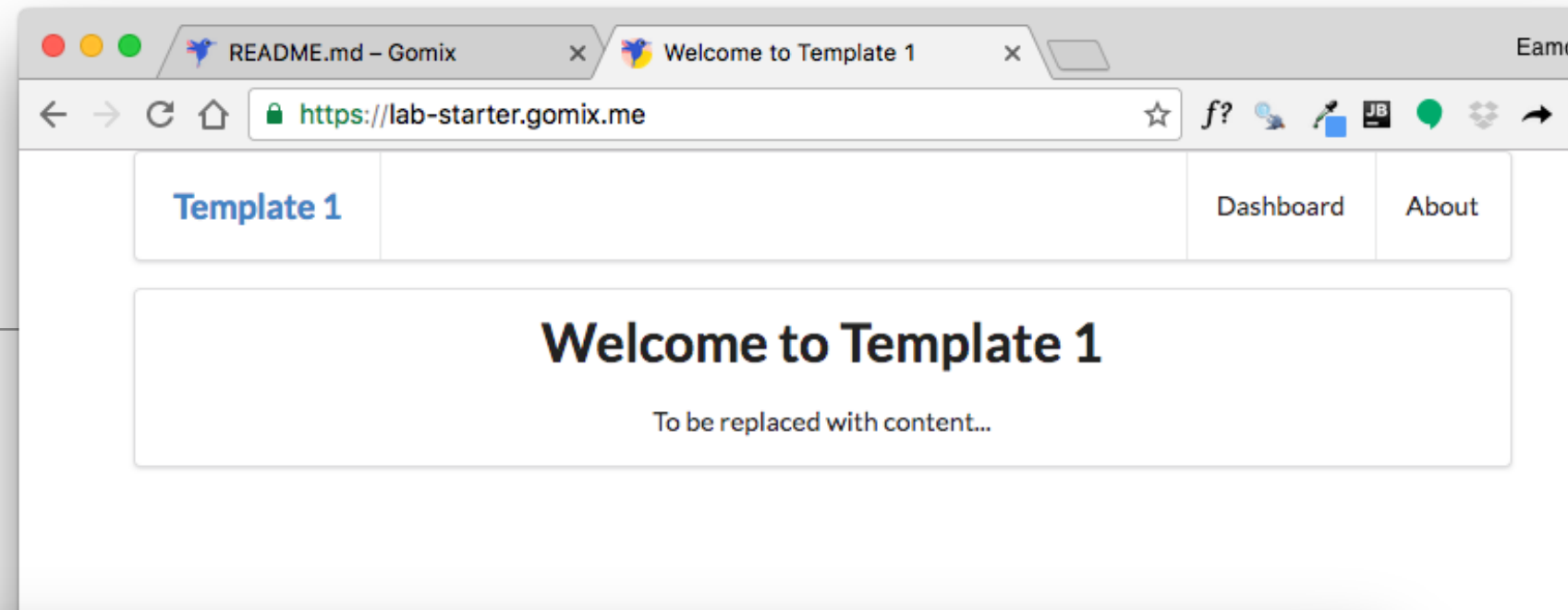
## Welcome to the Glitch Template 1

A starter project for learning Glitch.

This is an Express.js project, designed to work well with the Glitch development environment. It includes basic express setup, templating, routing and session support.

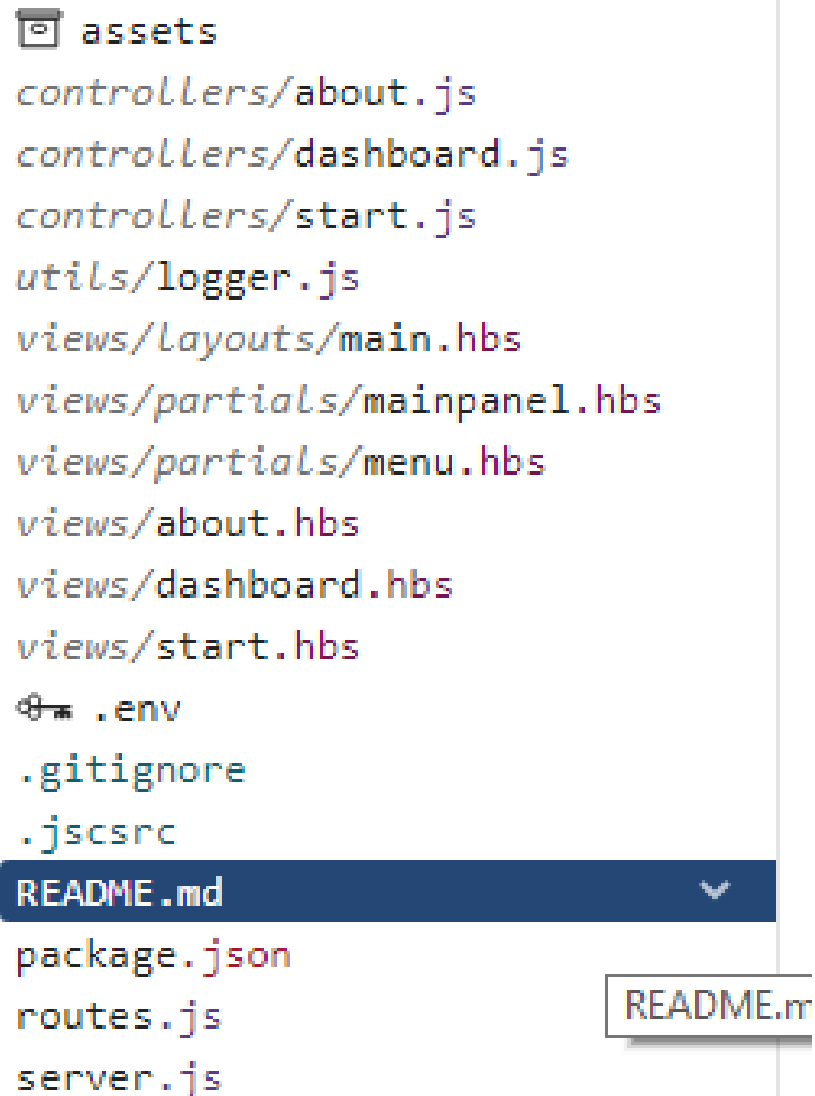
- The starter app has a menu + 3 'Views':

- Start
- Dashboard
- About



# Application Structure

---

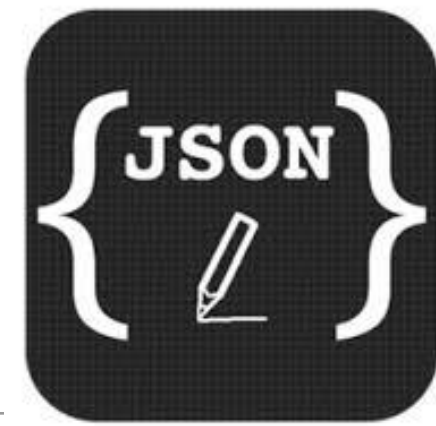


A screenshot of a file explorer interface showing the application structure. The files are listed in a tree view. The 'README.md' file is highlighted with a blue background. A tooltip labeled 'README.m' is visible next to the highlighted file.

- assets
- controllers/about.js
- controllers/dashboard.js
- controllers/start.js
- utils/logger.js
- views/layouts/main.hbs
- views/partials/mainpanel.hbs
- views/partials/menu.hbs
- views/about.hbs
- views/dashboard.hbs
- views/start.hbs
- .env
- .gitignore
- .jscsrc
- README.md
- package.json
- routes.js
- server.js

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

# Back-end

A yellow square containing the letters 'JS' in a bold, black, sans-serif font.

- All written in Javascript + JSON
- Consists of:
  - **Server** - main entry point
  - **Routes** - supported urls
  - **Controllers** - objects to handle the routes
  - **Config** - .gitignore, .jscsrc, env, package.json, readme.md
- Will include **Models** later...

```
controllers/about.js  
controllers/dashboard.js  
controllers/start.js
```

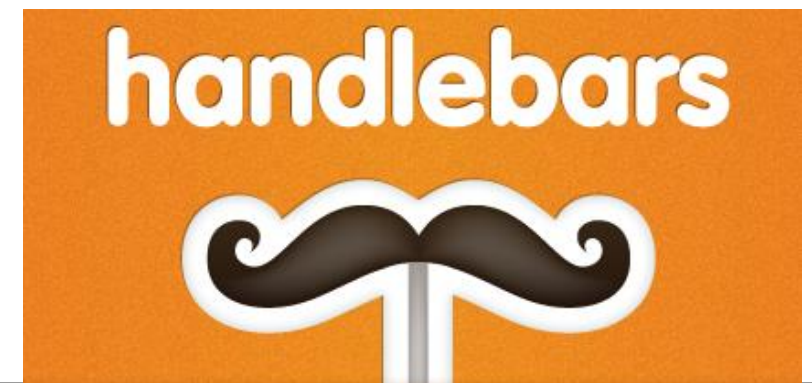
```
🔑 .env  
.gitignore  
.jscsrc
```

```
README.md
```

```
package.json  
routes.js  
server.js
```

# Front-end

---



- All written in HTML + handlebars
- Handlebars: Templating language
- It supports:
  - **Layouts**
  - **Partials**
  - **Views**

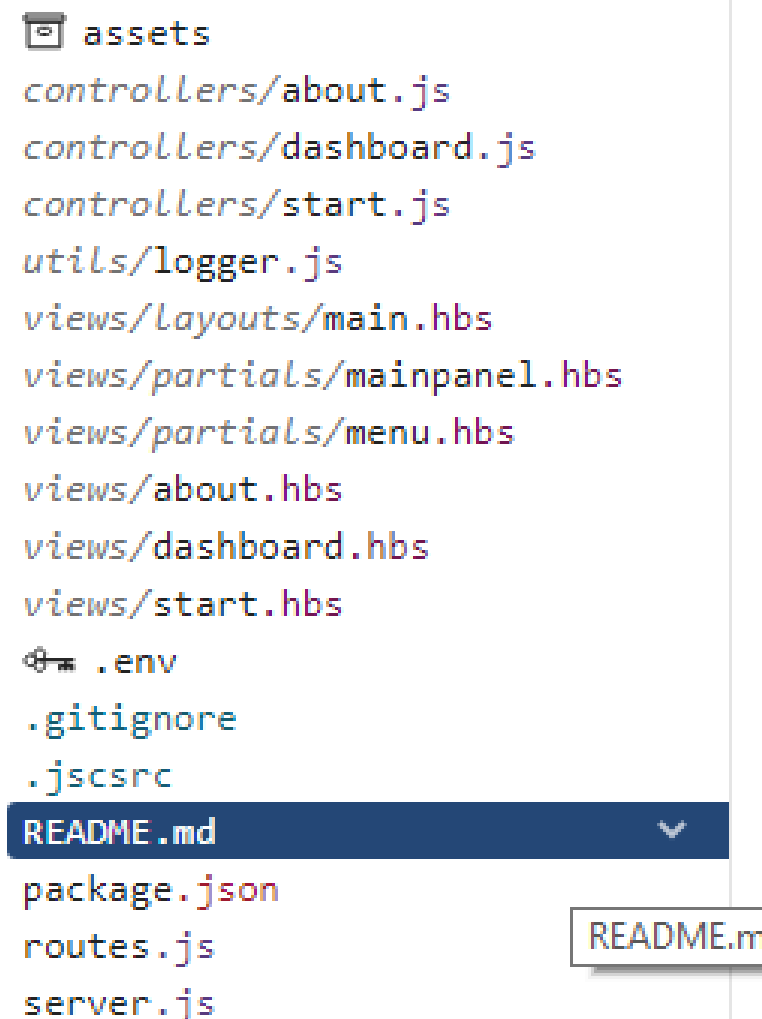
 `assets`

```
views/layouts/main.hbs
views/partials/mainpanel.hbs
views/partials/menu.hbs
views/about.hbs
views/dashboard.hbs
views/start.hbs
```



# Back-end + Front-end

---



A screenshot of a file explorer interface showing a project structure. The files are listed in a monospaced font with color coding: directories in grey, JavaScript files in blue, Handlebars templates in red, and configuration files in green. The 'README.md' file is highlighted with a dark blue background. A small tooltip labeled 'README.m' is visible next to the highlighted file.

```
assets
controllers/about.js
controllers/dashboard.js
controllers/start.js
utils/logger.js
views/layouts/main.hbs
views/partials/mainpanel.hbs
views/partials/menu.hbs
views/about.hbs
views/dashboard.hbs
views/start.hbs
.env
.gitignore
.jscsrc
README.md
package.json
routes.js
server.js
```

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