

Web App Introduction



Starter App

- We will always start a new project by importing a template project from github.
- gomix-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 repository page for `edeleastar / gomix-template-1`. The repository has 5 commits, 1 branch, 0 releases, and 1 contributor. The main branch is `master`. The repository description is "No description or website provided." The repository contains the following files and folders:

File/Folder	Description	Commit Date
<code>controllers</code>	included logger	20 days ago
<code>utils</code>	included logger	20 days ago
<code>views</code>	starter project for simple express web apps	21 days ago
<code>.gitignore</code>	starter project for simple express web apps	21 days ago
<code>.jscsrc</code>	starter project for simple express web apps	21 days ago
<code>README.md</code>	readme updates	just now
<code>package.json</code>	removed typo from package.json	20 days ago
<code>routes.js</code>	starter project for simple express web apps	21 days ago
<code>server.js</code>	included logger	20 days ago

The `README.md` file content is as follows:

Welcome to the Gomix Template 1

A starter project for learning Gomix.

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

Import from Github...

The screenshot shows the Gomix BETA web interface. On the left, a sidebar titled 'Advanced Options' contains several buttons: 'Make Private' (with a lock icon), 'Import from GitHub' (with a GitHub logo), 'Export to GitHub' (with a GitHub logo), 'Download Project' (with a turtle icon), 'Leave This Project' (with a hand icon), and 'Delete This Project' (with a bomb icon). The main content area displays a 'Welcome to the Gomix BETA' message and a list of instructions for using the platform. A modal dialog is open in the foreground, titled 'gomix.com says:', which prompts the user to 'Import from an existing Github Repo'. It includes a note about repository size and file count, a warning that the current project will be overwritten, and a text input field containing the repository name 'edeleastar/gomix-template-1'. The modal has 'Cancel' and 'OK' buttons.

lab-starter Show Live

< **Advanced Options**

lab-starter is public.
Anyone can view it, but only members can edit.

Make Private

Import from GitHub

Export to GitHub

Download Project

Leave This Project

Delete This Project

Welcome to the Gomix BETA

Click the "Show" in the header to see your app live. Updates to your code will instantly update live.

Gomix is a developer playground for building and deploying web applications. It handles all the deployment steps for you.

[Gomix](#)

Project

Backend, frontend, or full-stack app starts at server. You can use any frameworks and packages in `package.json`. You can also store app secrets in `.env`.

- edit `client.js`, `style.css` and `index.html`
- drag in `assets`, like images or music, to add them to your project

Made by Fog Creek

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gomix.com says:
Import from an existing Github Repo

For best results repo size < 4MB, < 100 files, and no binary files

(NOTE: This will overwrite your current project)

edeleastar/gomix-template-1

Cancel OK




Share


 Markdown

Logs

back-end +

 .env
.gitignore
.jscsrc
controllers/about.js
controllers/dashboard.js
controllers/start.js
package.json
README.md
routes.js
server.js
utils/logger.js


front-end +

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

Welcome to the Gomix Template 1

A starter project for learning Gomix

Activity Log

Clear 

```
node v0.10.1, npm 1.2.18
```

```
Installing...
```

```
npm WARN gomix-list@0.0.1 No license field.
```

```
npm WARN package.json gomix-list@0.0.1 No license field.
```

```
info: gomix-template-1 started on port 3000
```

```
info: start rendering
```

```
info: start rendering
```

```
info: start rendering
```

```
info: start rendering
```

```
info: about rendering
```

```
info: dashboard rendering
```

```
info: start rendering
```

10:51 AM

10:51 AM

10:51 AM

a minute ago

10:51 AM

a minute ago

10:51 AM

10:51 AM

10:51 AM

10:51 AM

10:51 AM

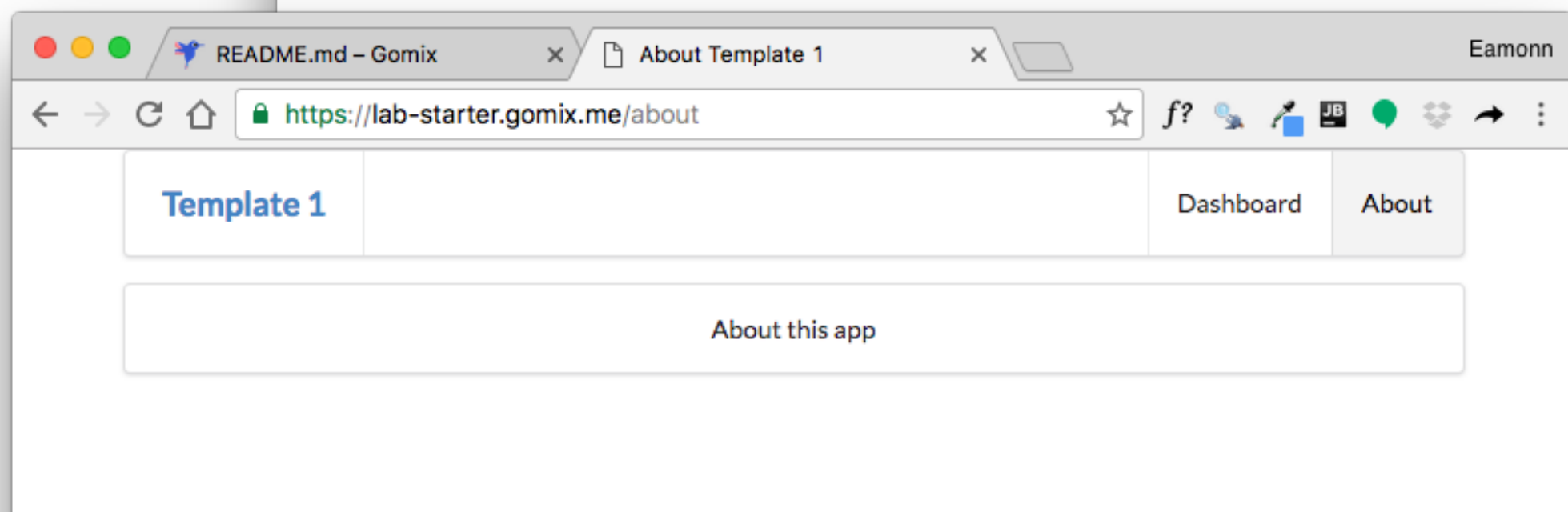
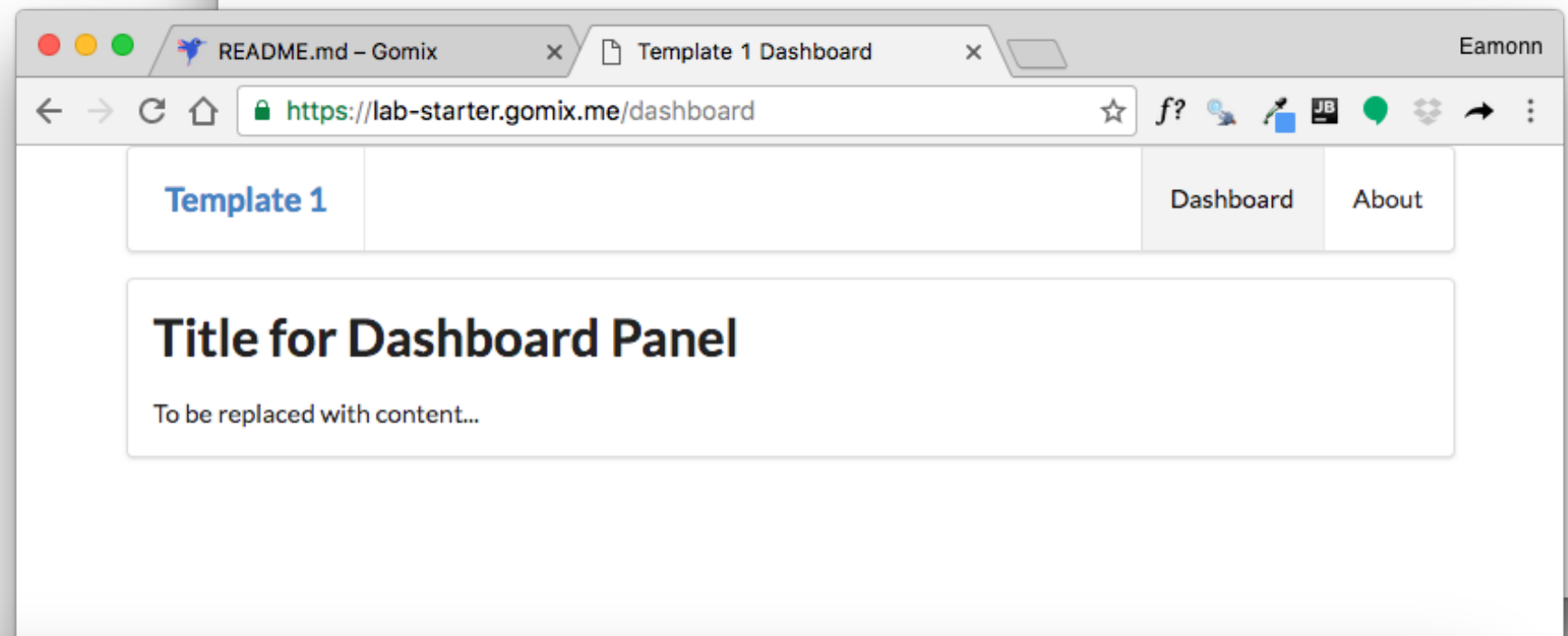
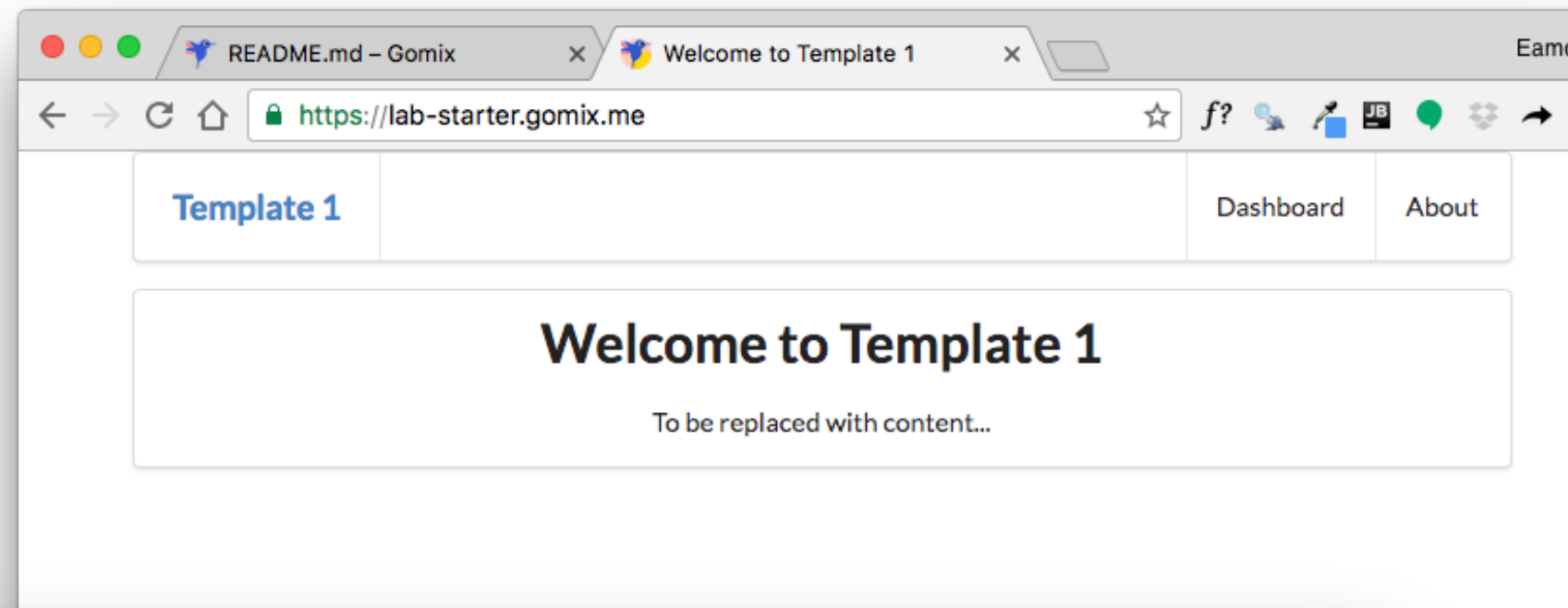
10:51 AM

a few seconds ago

10:52 AM

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

- Start
- Dashboard
- About



Application Structure

back-end +

 .env
.gitignore
.jscsrc
controllers/about.js
controllers/dashboard.js
controllers/start.js
package.json
README.md
routes.js
server.js

front-end +

assets

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

- 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...

back-end +

```
.env  
.gitignore  
.jscsrc  
controllers/about.js  
controllers/dashboard.js  
controllers/start.js  
package.json  
README.md  
routes.js  
server.js
```


Front-end



- All written in HTML + handlebars
- Handlebars: Templating language
- Similar to EJS, it supports:
 - **Layouts**
 - **Partials**
 - **Views**
- These are very similar to EJS equivalents

front-end +

assets

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


Back-end + Front-end

back-end +

```
⌘ .env  
.gitignore  
.jscsrc  
controllers/about.js  
controllers/dashboard.js  
controllers/start.js  
package.json  
README.md  
routes.js  
server.js
```

front-end +

assets

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

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