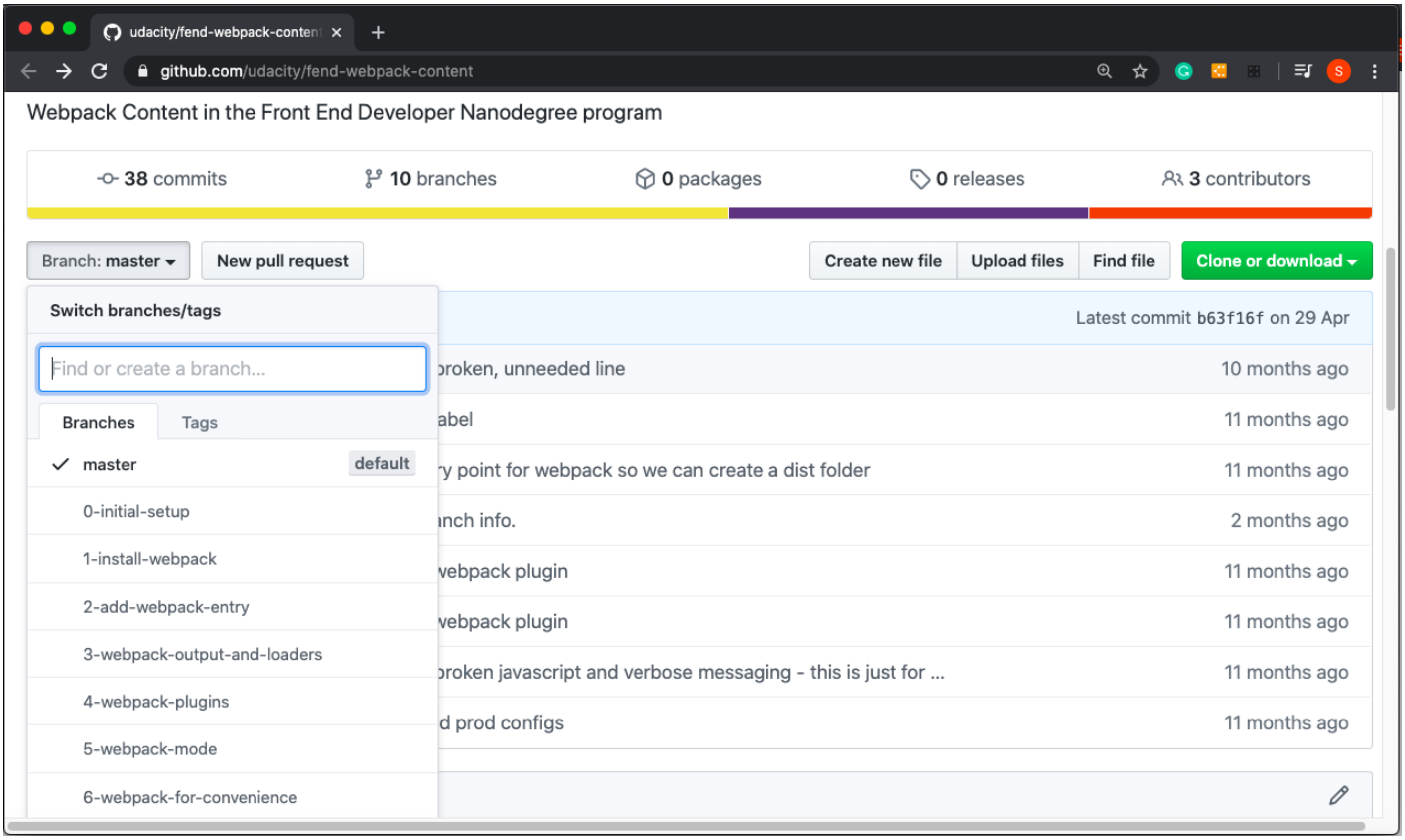
About Github Repository - Webpack Express Example App

Each stage of the Webpack setup is reflected as a branch in the Github repository, and each branch has a README.md file documenting the steps taken in the branch. Note the following ***six*** branches that correspond to different stages, as shown in the snapshot below:



Webpack Content in the Front End Developer Nanodegree program

Latest commit b63f16f on 29 Apr

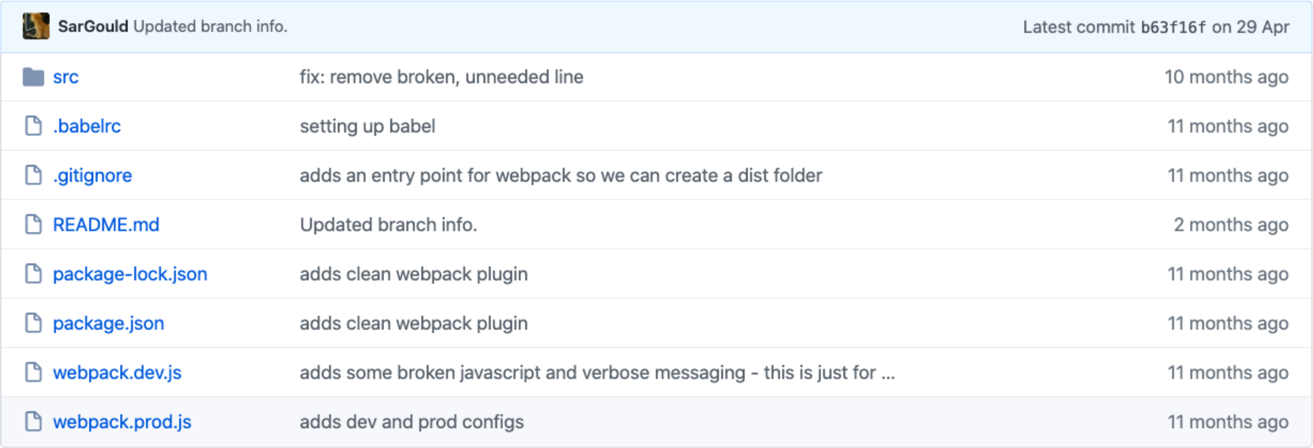
- ✓ master
- 0-initial-setup
- 1-install-webpack
- 2-add-webpack-entry
- 3-webpack-output-and-loaders
- 4-webpack-plugins
- 5-webpack-mode
- 6-webpack-for-convenience

proken, unneeded line	10 months ago
abel	11 months ago
ry point for webpack so we can create a dist folder	11 months ago
inch info.	2 months ago
vebpack plugin	11 months ago
vebpack plugin	11 months ago
proken javascript and verbose messaging - this is just for ...	11 months ago
d prod configs	11 months ago

This repository makes use of git branches for each stage of this lesson. You will want to use the stage before the exercise you are on, as a starting point. The first exercise is branch `0-initial-setup`, but you'll also want to use that as the basis for the second exercise. You'll use the next branch `1-install-webpack` as the basis for moving onto the third exercise.

If you need to check which branches are available, use `git branch -a`. Then, once you know which branch you want, use `git checkout <branch-name>`, e.g., `git checkout 0-initial-setup`.

Give a moment to have a glance at the different files available in the repository:



SarGould Updated branch info. Latest commit b63f16f on 29 Apr

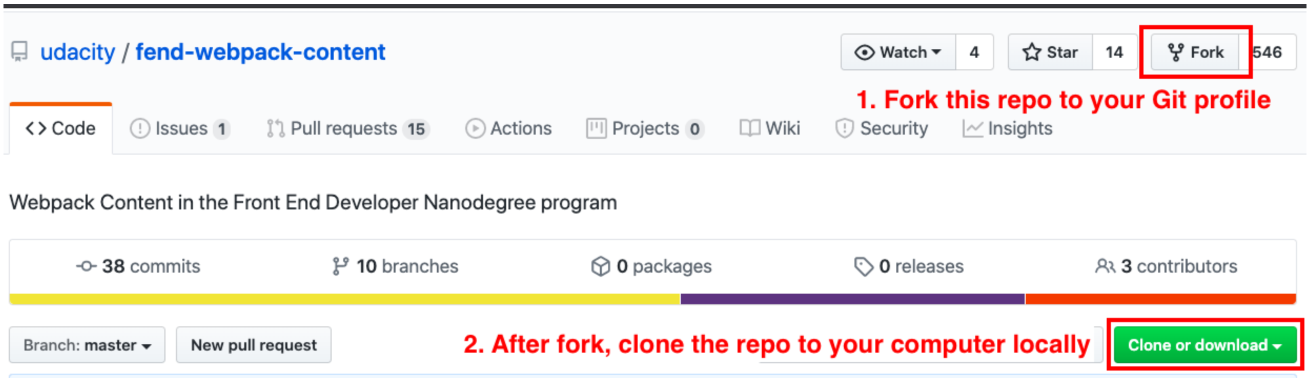
src	fix: remove broken, unneeded line	10 months ago
.babelrc	setting up babel	11 months ago
.gitignore	adds an entry point for webpack so we can create a dist folder	11 months ago
README.md	Updated branch info.	2 months ago
package-lock.json	adds clean webpack plugin	11 months ago
package.json	adds clean webpack plugin	11 months ago
webpack.dev.js	adds some broken javascript and verbose messaging - this is just for ...	11 months ago
webpack.prod.js	adds dev and prod configs	11 months ago

Once, we will start configuring the initial setup, you will notice the change in `package.json`, node_modules, and `package-lock.json`.

Steps for Initial Setup of the Starter Code - Locally in Your Machine

Follow the steps as explained below:

1. Fork this repo, then clone the branch of your choice from your forked repo down to your computer locally. When you fork the repo, you can add your own personal notes to the README.md markdown file.



Webpack Content in the Front End Developer Nanodegree program

1. Fork this repo to your Git profile

2. After fork, clone the repo to your computer locally

2. Open your terminal, go to a specific directory for this Nanodegree, and clone the Git repo using the command: `git clone https://github.com/<Your Github Username>/fend-webpack-content.git`
3. Get inside the newly downloaded directory, using `cd fend-webpack-content`

4. As we are just starting this process the first time, we will switch to the branch `0-initial-setup`, using:

   ```
   git checkout 0-initial-setup
   git branch
   ```

5. Install NPM in your project, giving the ability to use Node. NPM is by-default installed with Node.js. To see if you already have Node.js and NPM installed and check the installed version, run the following commands:

   ```
   node -v
   npm -v
   ```

   You can upgrade to the latest version of npm using:

   ```
   npm install -g npm@latest
   npm install
   ```

6. If the `npm install` throws `NPM error`, try clearing the cache and a fresh re-install, using:

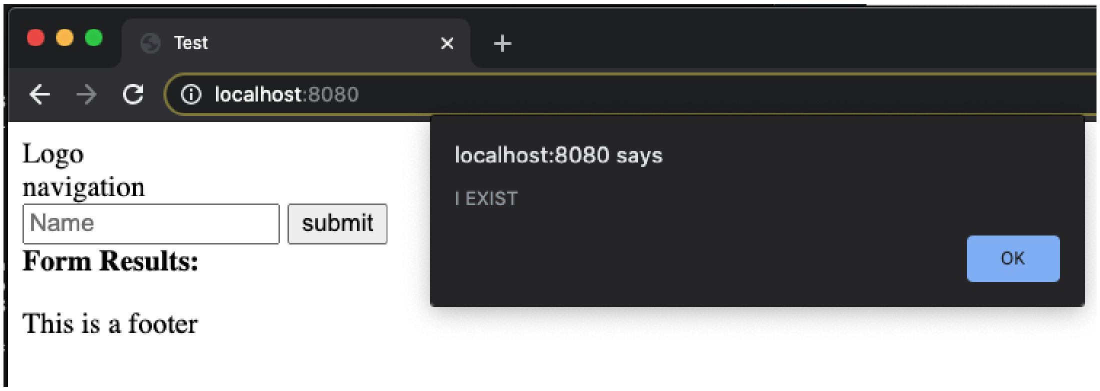
   ```
   npm cache clean
   [sudo] npm install -g npm
   npm install
   ```

   If it asks to fix the vulnerabilities, run `npm audit fix`

7. Run **development environment** of the Application, using `npm run build-dev`.
   You can think of an environment as a *mode* of building the app. We have two environments - Production and Development. Production is used when we intend to put the code into operation for the customers. On the other hand, the Development environment is used when you want to try some experiments, and make changes without breaking anything in a live setting.

   The production configuration is used from `webpack.prod.js`, when you run `npm run build-prod`. And, the development configuration is used from `webpack.dev.js` when you run `npm run build-dev`.
8. Start your project, using `npm run start`

9. Check the website running at http://localhost:8080/. By default, this app runs on port 8080, but you can, of course, edit that in `server.js`. If everything, goes well, you'll see the app running as shown in the snapshot below:



Logo
navigation

Form Results:

This is a footer

localhost:8080 says

I EXIST