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Push to GitHub

Guide for managing your code with Git and sharing your code with GitHub.



Background

When developing an app, here's a common approach:

- 1. You're working with some new code to get it to work
- 2. You don't want to break your existing code, so you copy your current code to another folder (Folder A) and continue working in Folder B
- 3. If you make a mistake, you just delete Folder B and resume with Folder A

This approach is the idea behind *version control*. Version control is a process that lets you keep checkpoints of your code so that you can refer back to them if needed.

Git is a widely-used version control system used to manage code. Code managed with Git is called a Git repository.

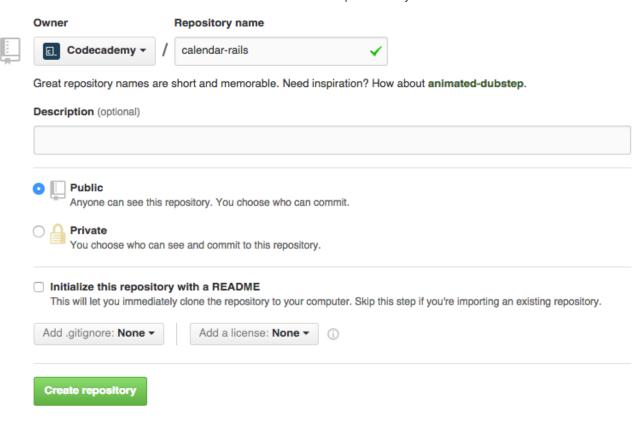
GitHub is popular hosting service for Git repositories. With GitHub, you can share your code and collaborate with others.

Instructions

- 1. In your project, initialize a Git repository:
 - \$ git init
- 2. Check the status of which files and folders are new or have been edited:
 - \$ git status
- 3. Tell Git to start tracking your files and folders:
 - \$ git add .

If you want to track a single folder or file, use its name:

- \$ git add app/
 \$ git add config/routes.rb
- 4. Verify that everything was committed correctly:
 - \$ git status
- 5. Save the changes you made, with a message describing what changed:
 - \$ git commit -m "Initial commit"
- 6. On GitHub, create a new repository with a short, memorable name:



7. After creating a repository, copy the git commands under the "...or push an existing repository from the command line", and paste them into the terminal. These commands will add a remote repository, and then push your local repository to the remote repository.

```
...or push an existing repository from the command line

git remote add origin https://github.com/codecademy/calendar-rails.git
git push -u origin master
```

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