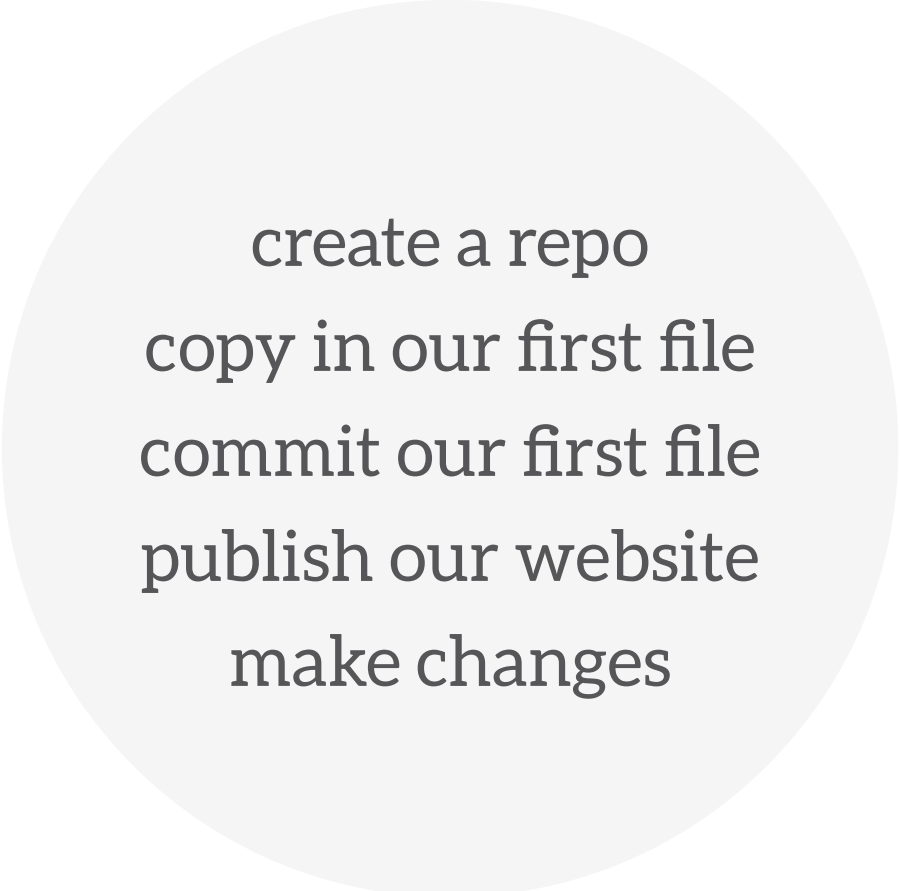




Git

Git

You will (hopefully) learn how to:



- create a repo
- copy in our first file
- commit our first file
- publish our website
- make changes

Git is ...

a source control tool

Git is ...

a means for us to deploy our code

Git is ...

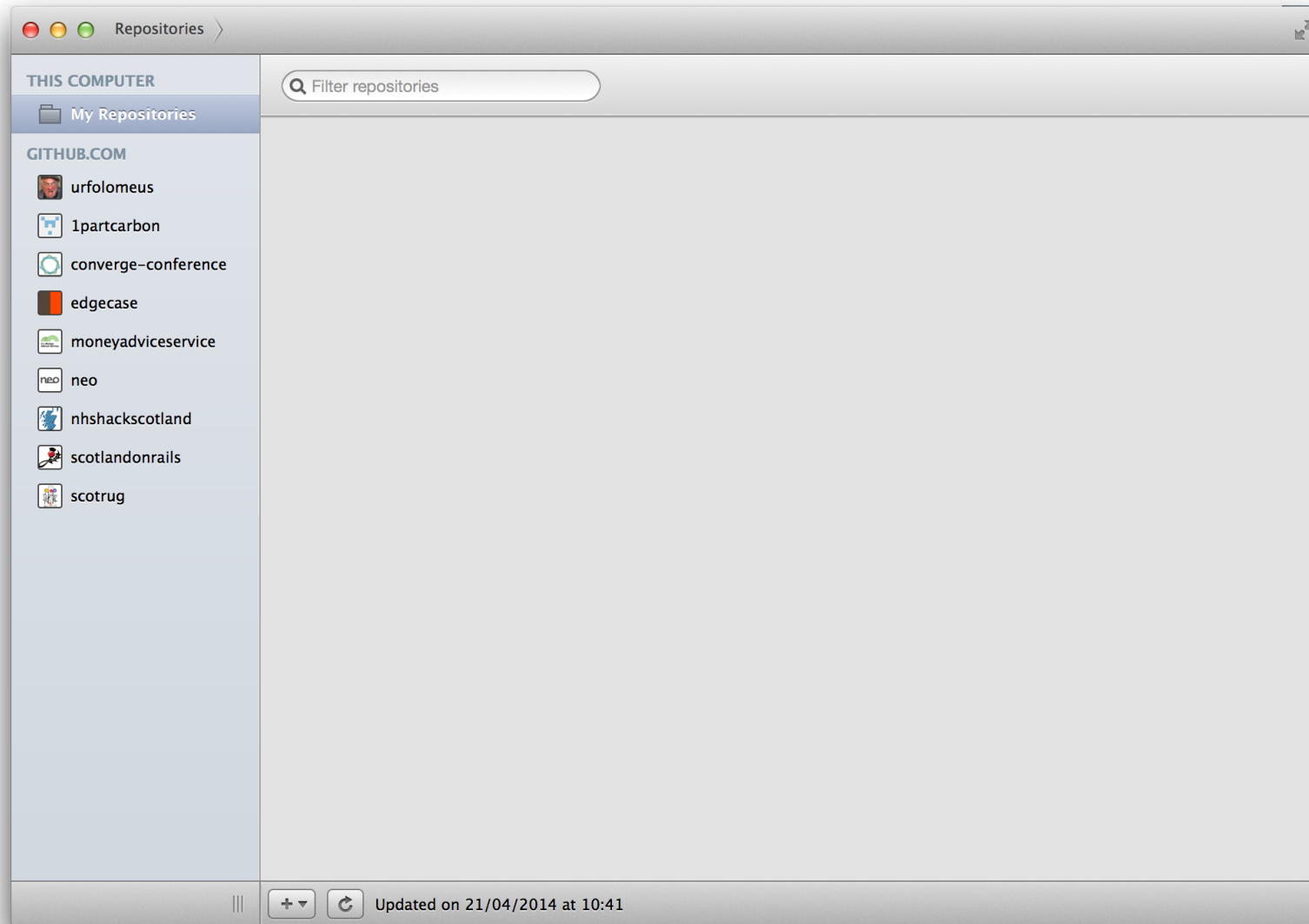
very complex

Git

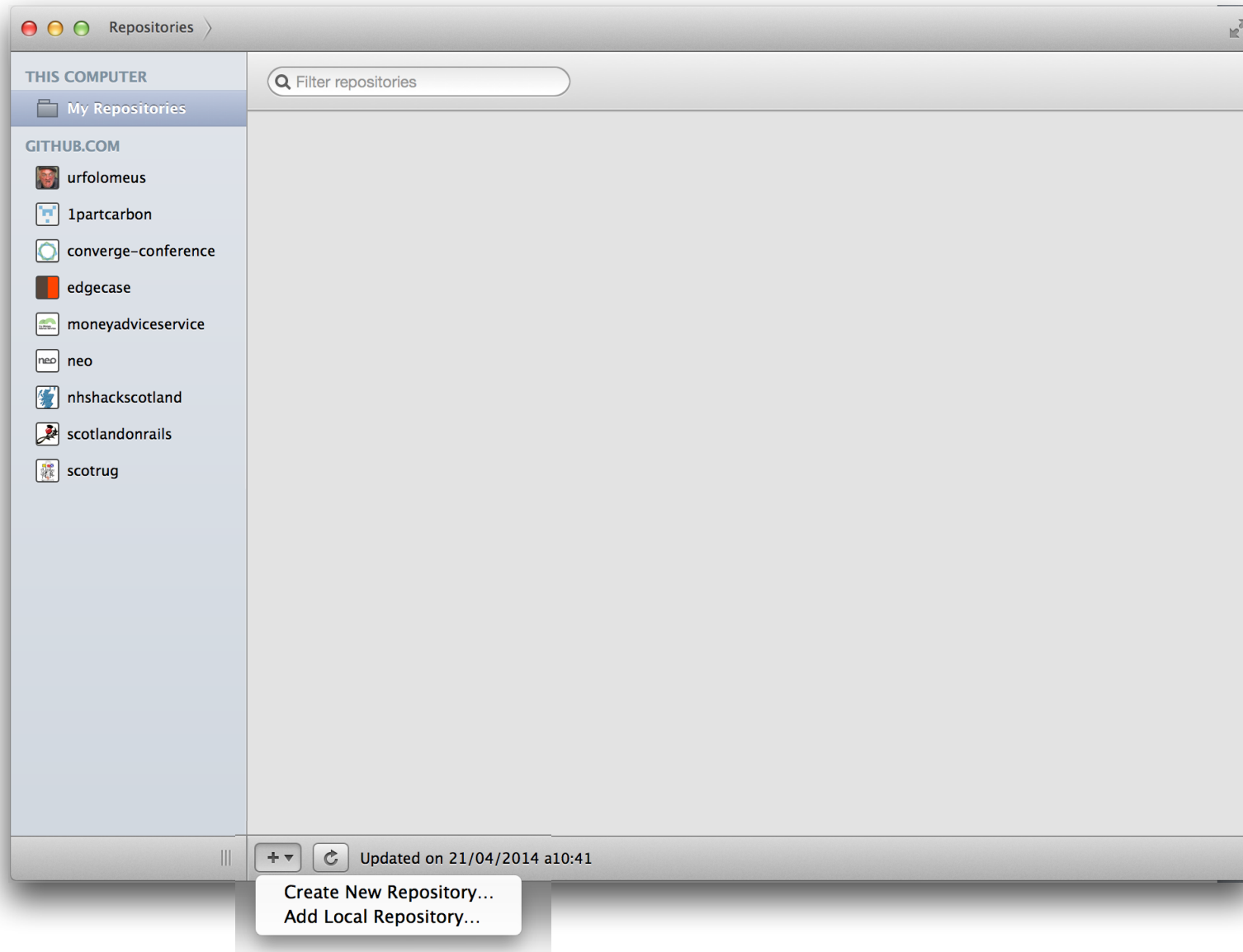


create a repo

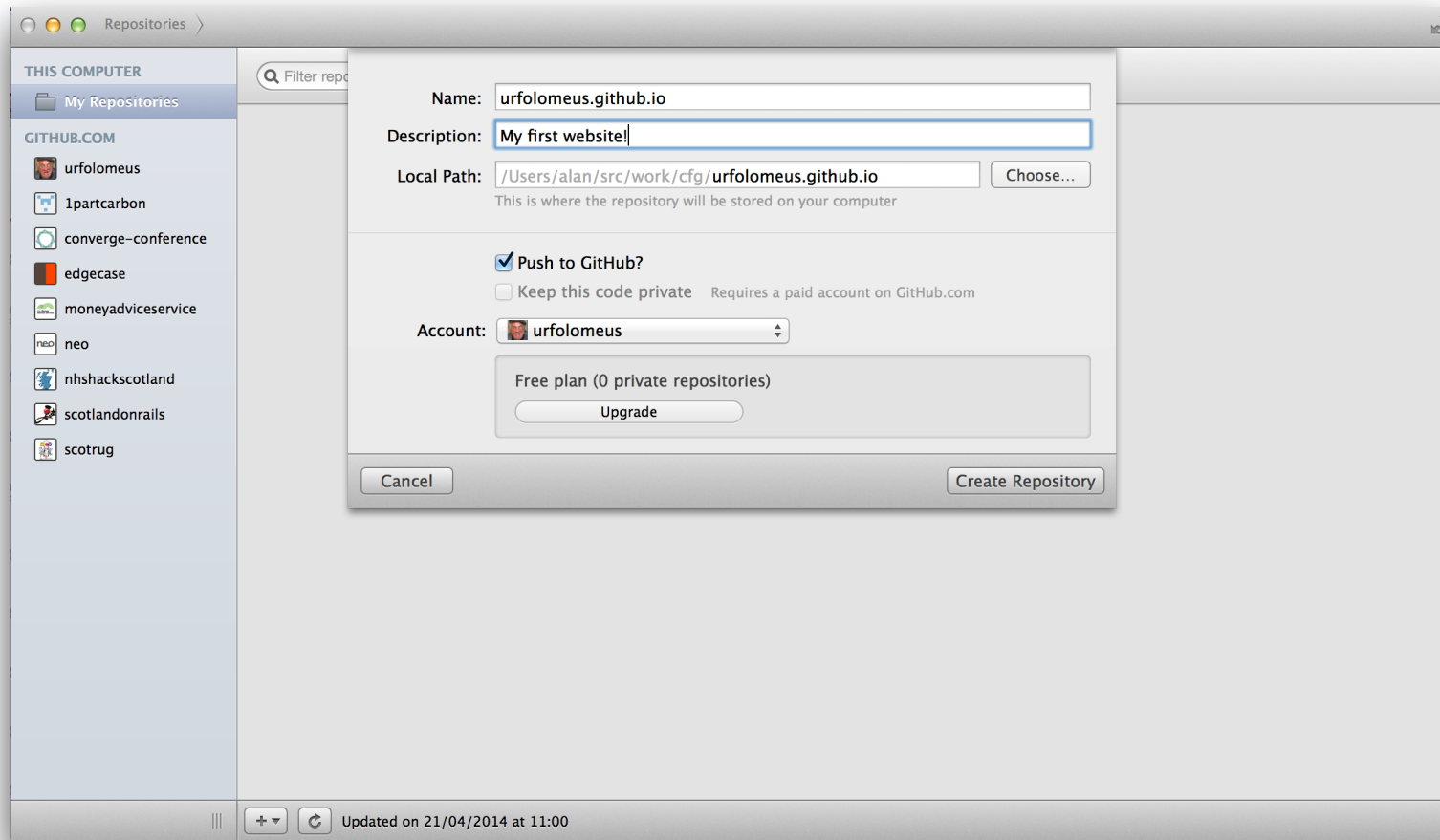
Git



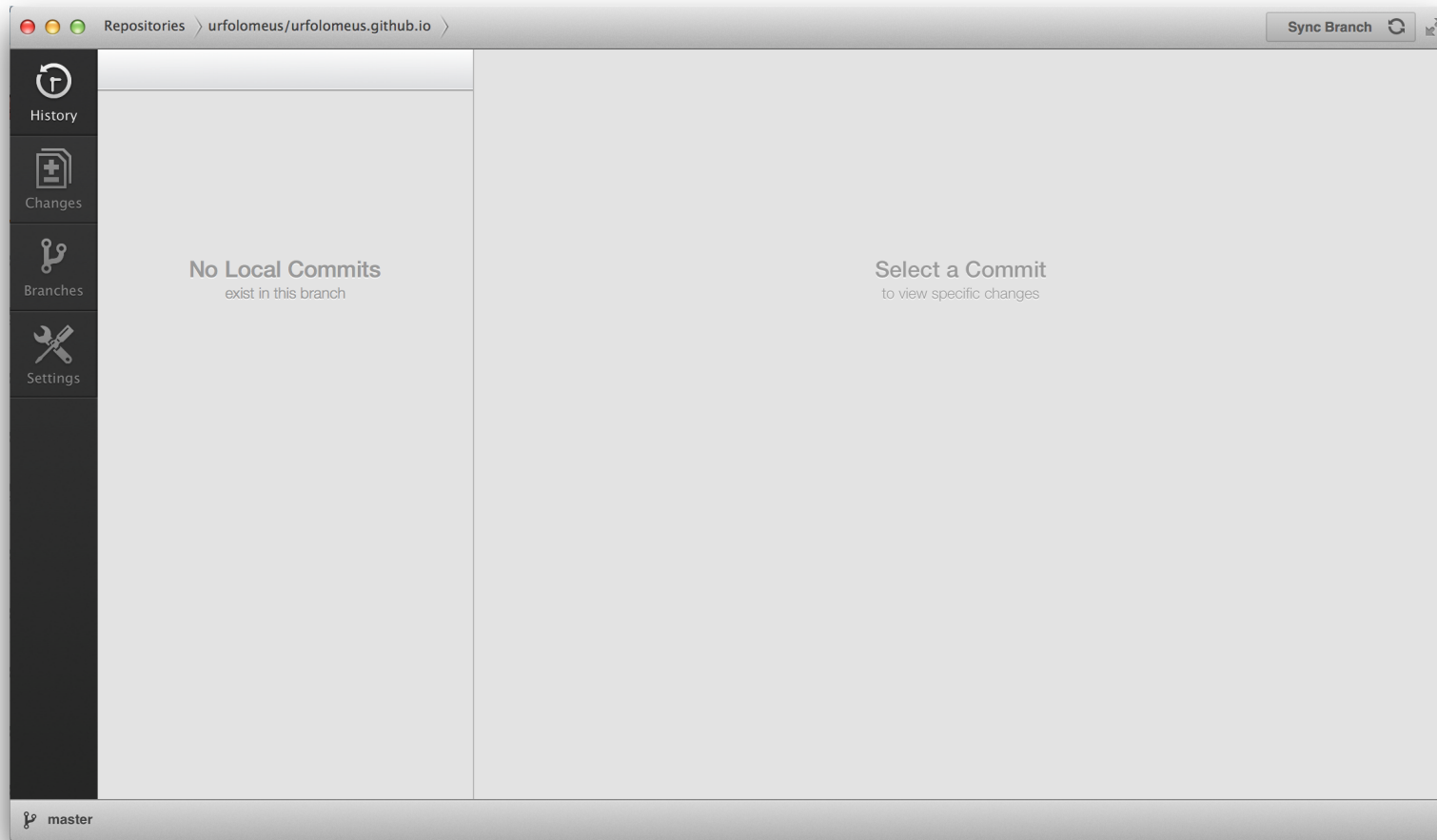
Git



Git



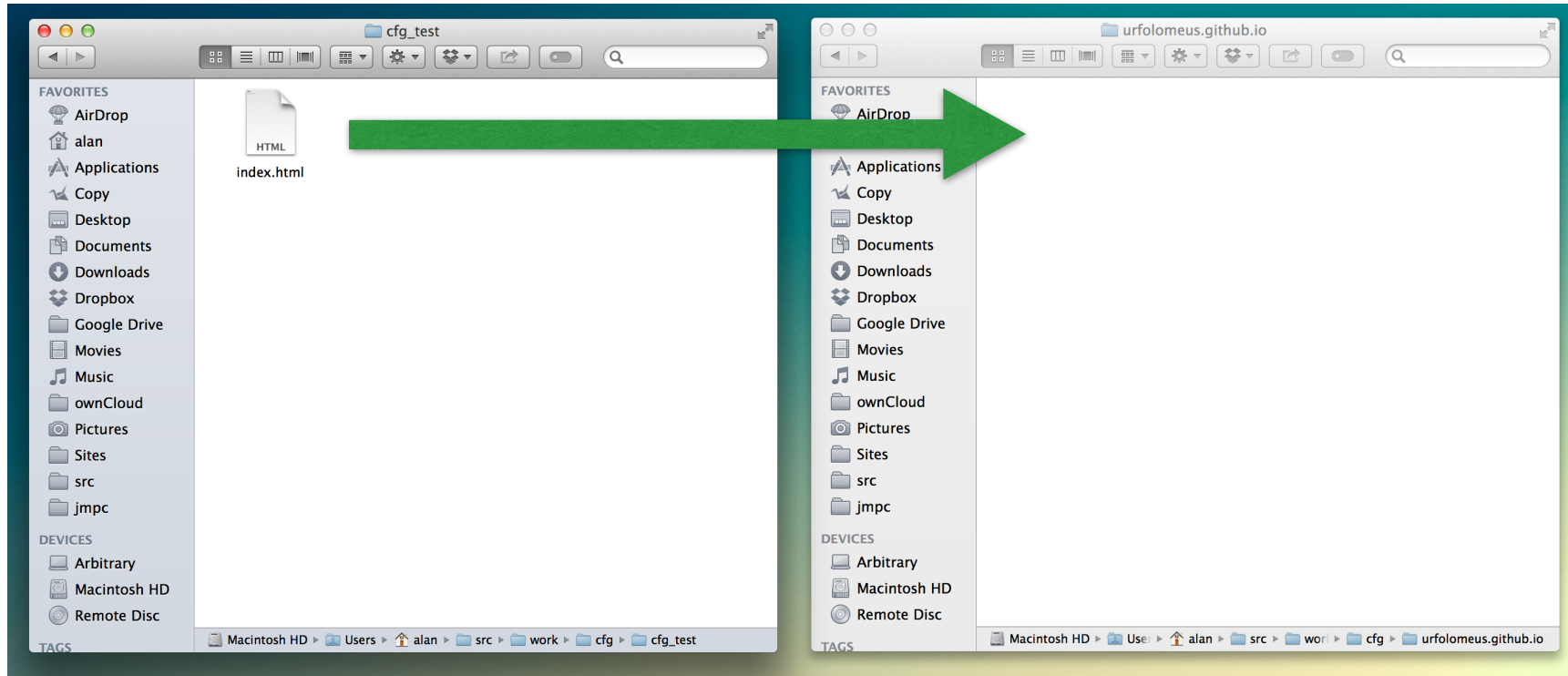
Git



Git

copy in our first file

Git

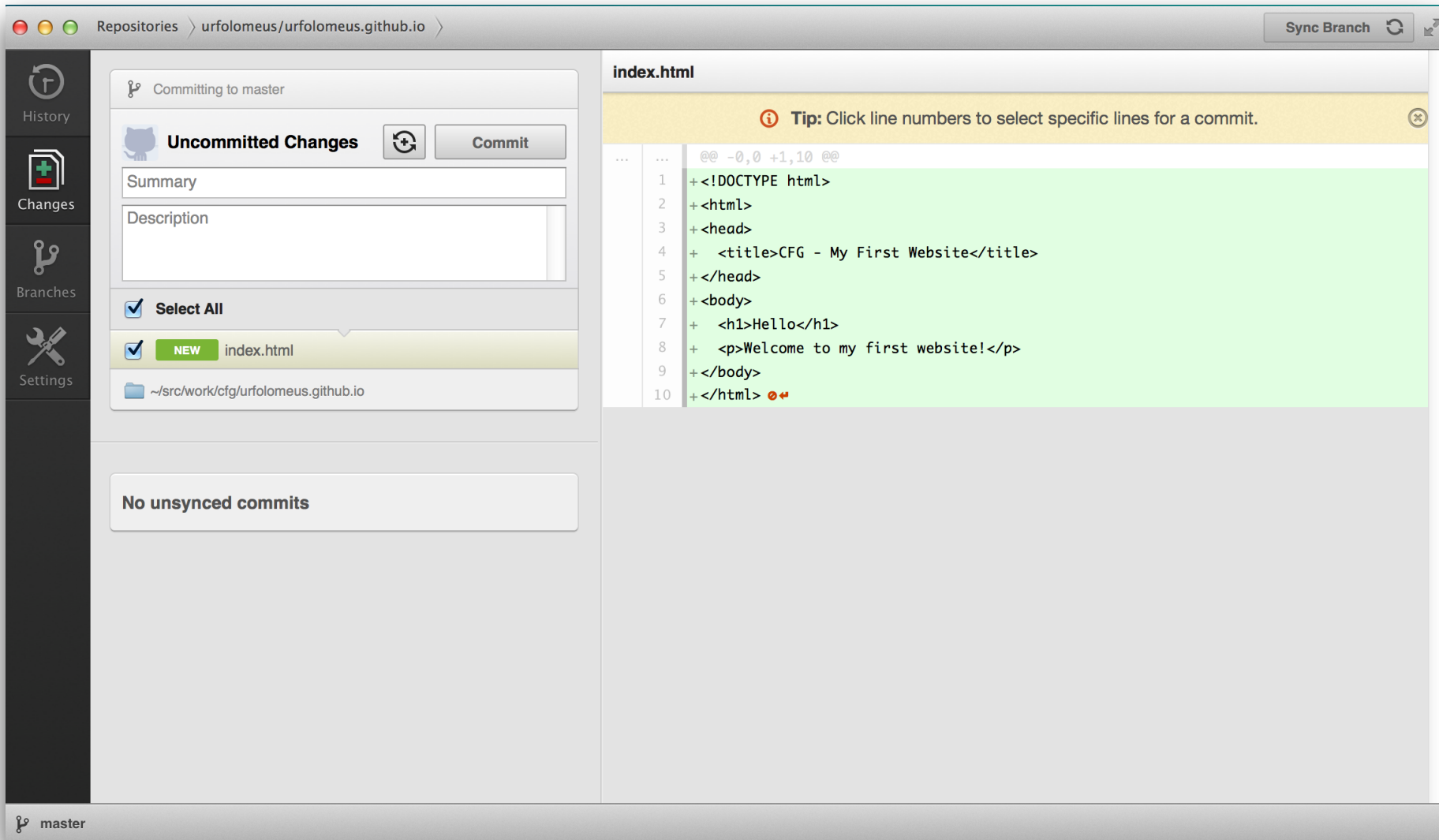


Git

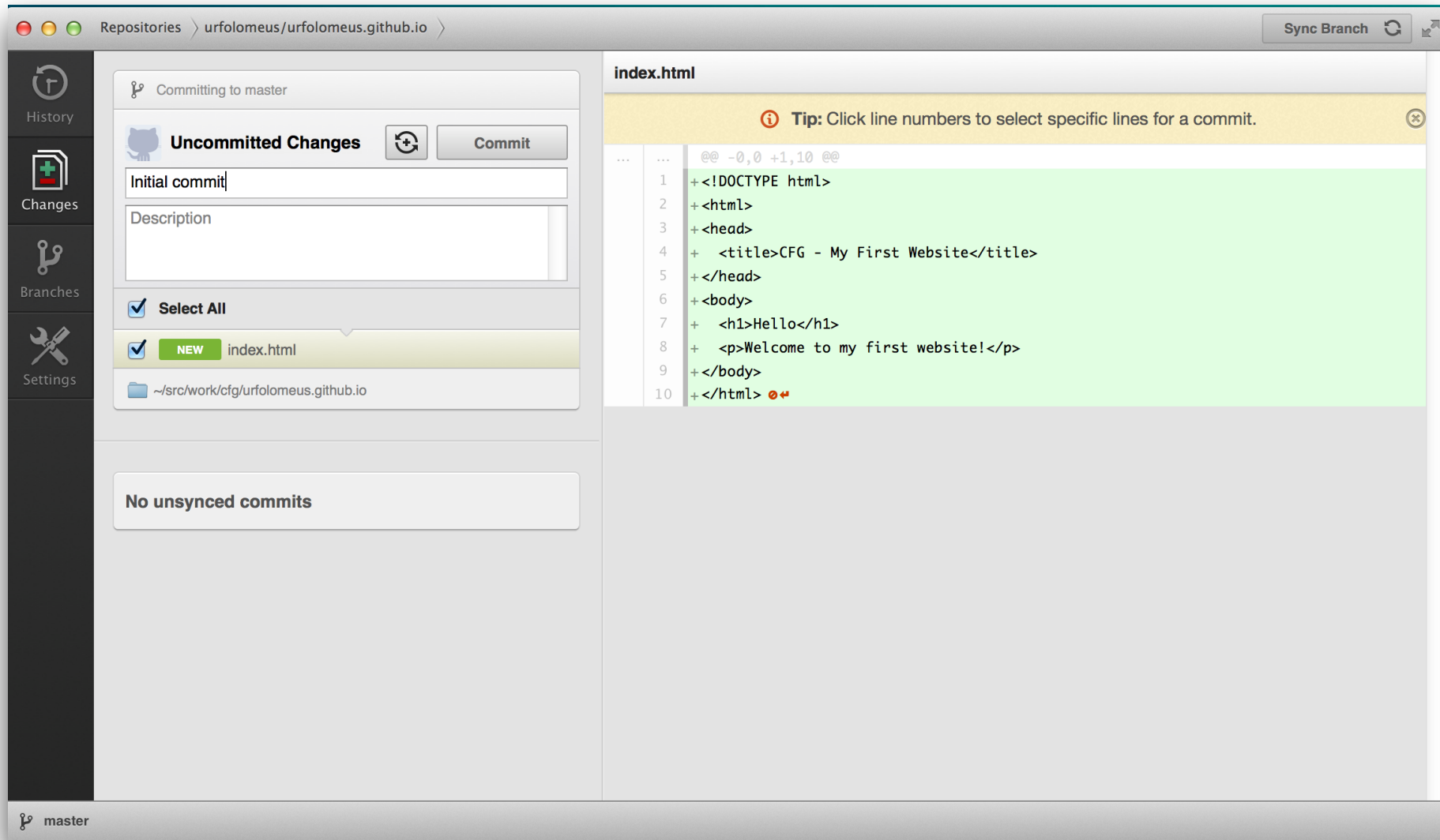


`commit our first file`

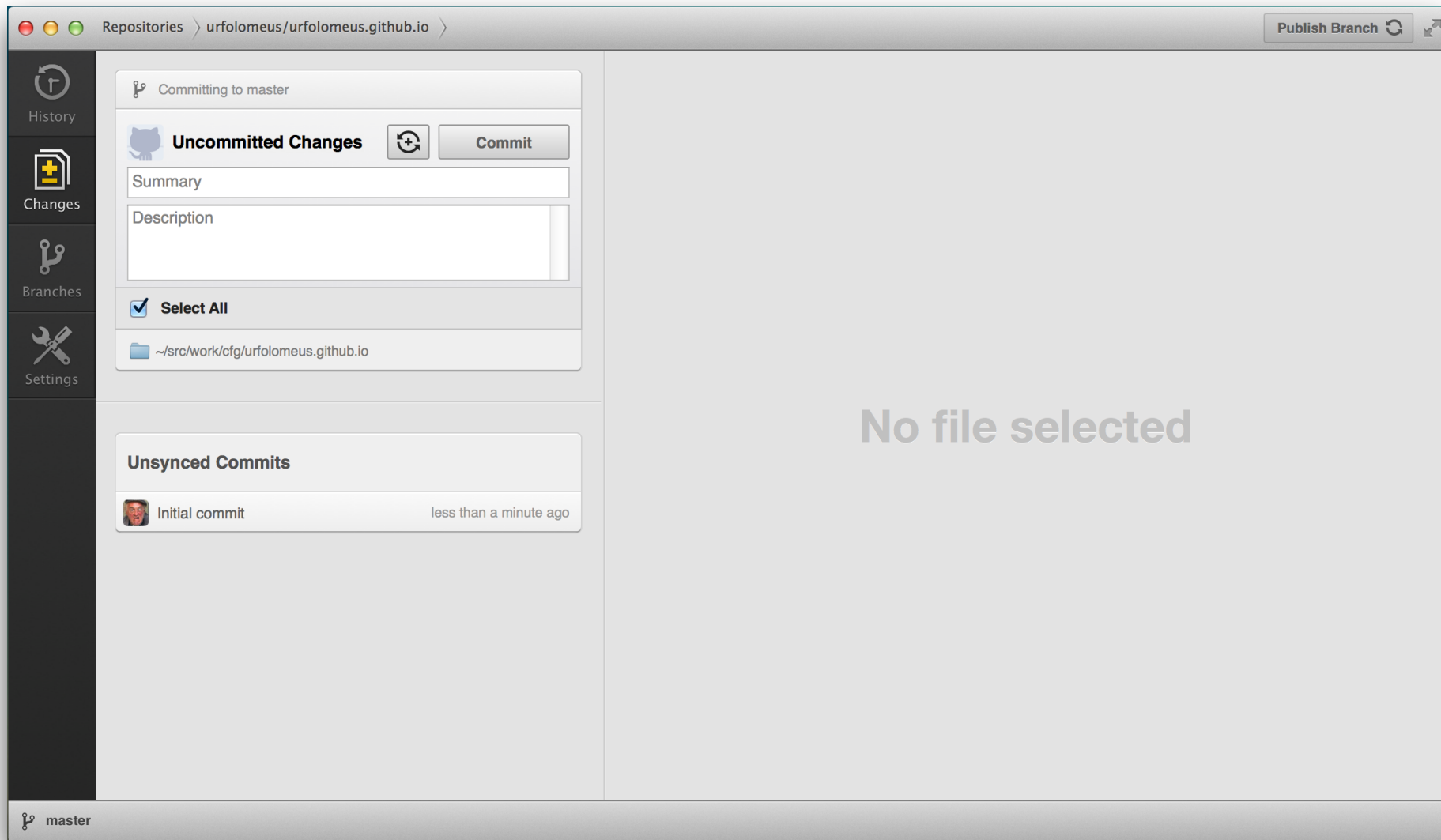
Git



Git



Git



Git



publish our website

Git



Repositories > urfolomeus/urfolomeus.github.io > Publish Branch

Committing to master

Uncommitted Changes

Summary

Description

Select All

~/src/work/cfg/urfolomeus.github.io

Unsynced Commits

Initial commit	less than a minute ago
----------------	------------------------

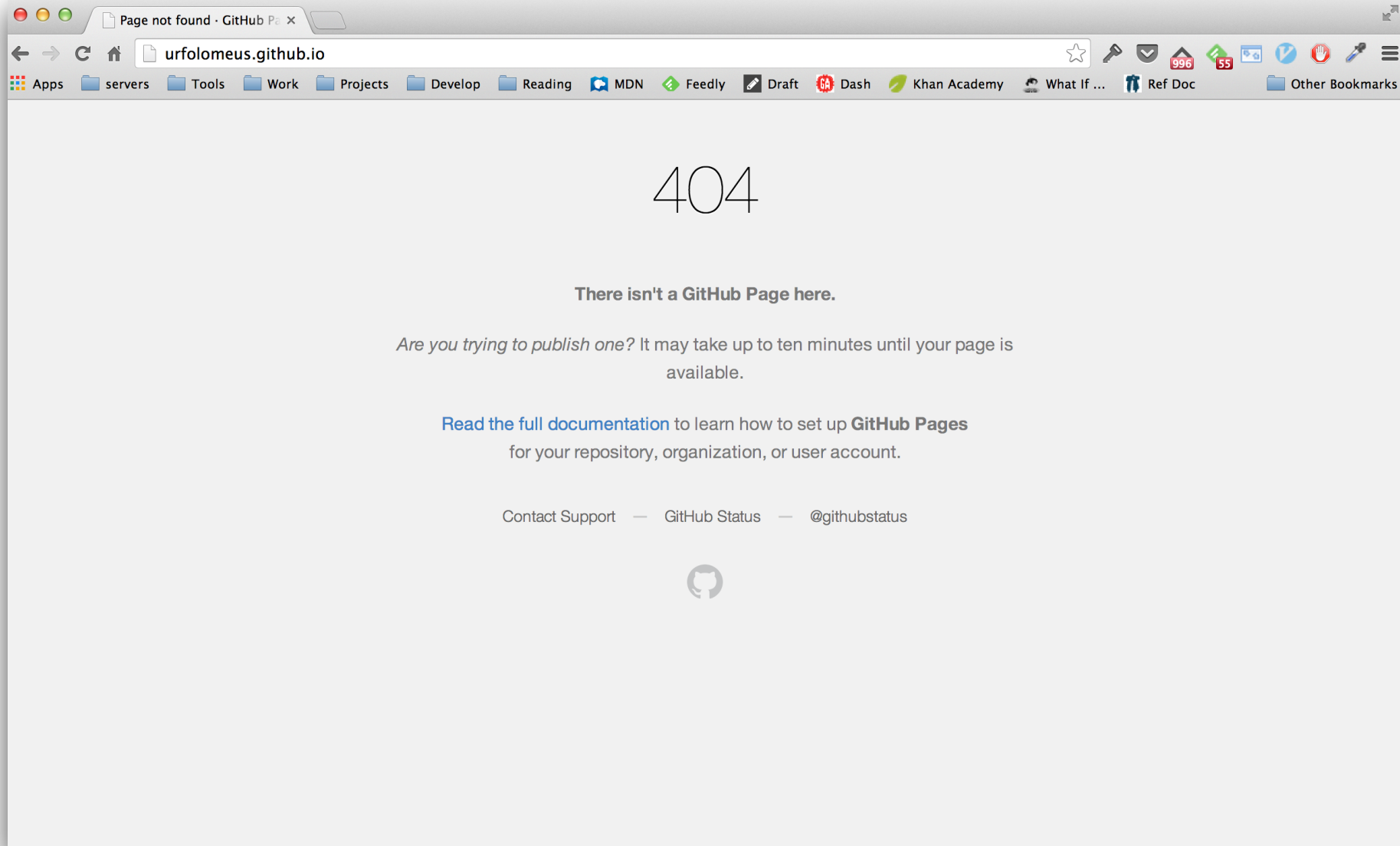
No file selected

master

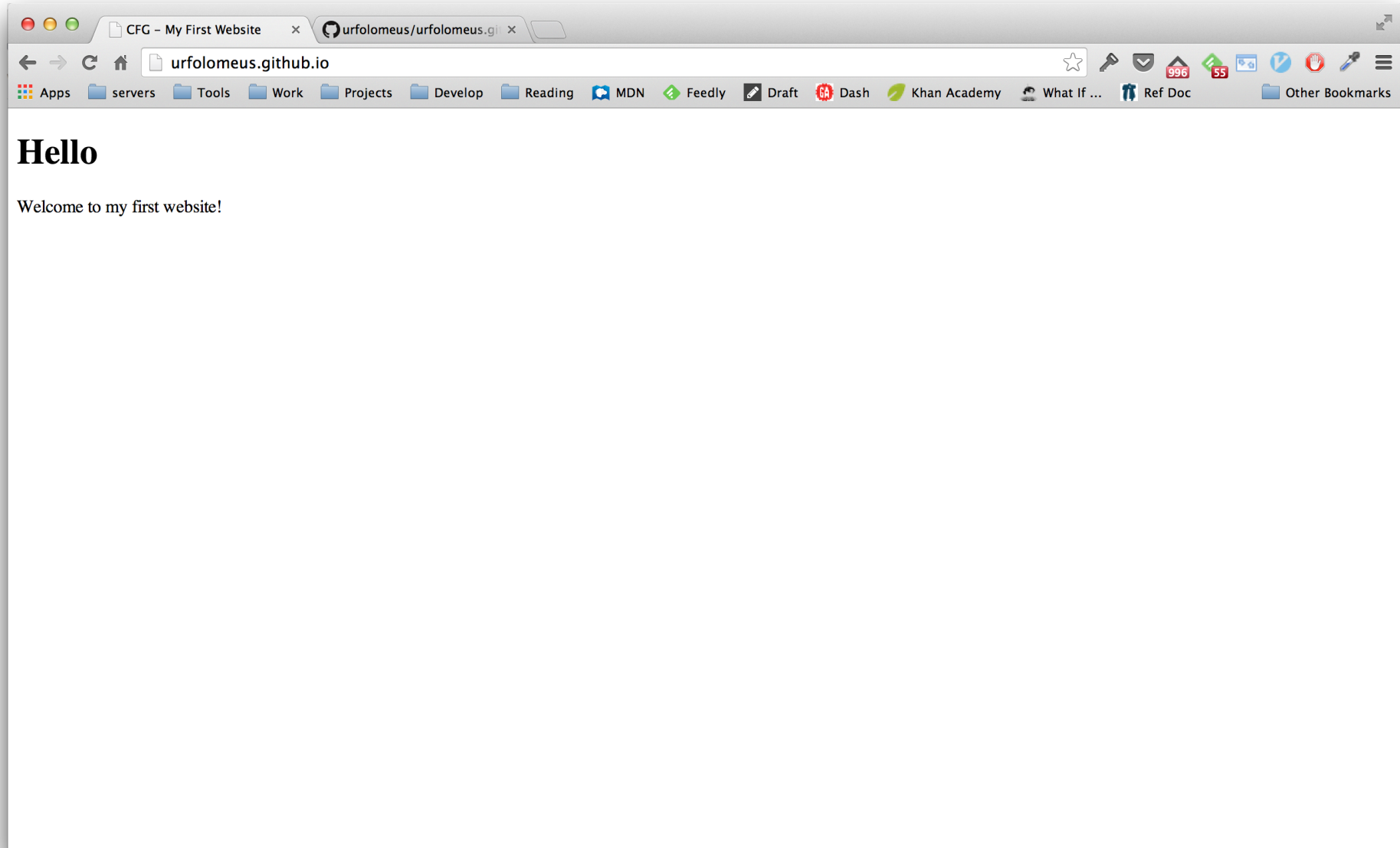
Git

The screenshot shows the GitHub for Mac application window. The title bar indicates the current repository is 'urfolomeus/urfolomeus.github.io'. The interface is divided into a left sidebar with navigation options: History, Changes, Branches, and Settings. The main content area is titled 'Committing to master' and features an 'Uncommitted Changes' section with a 'Commit' button. Below this is a 'Summary' and 'Description' text area. A 'Select All' checkbox is checked, and the current working directory is shown as '~/.src/work/cfg/urfolomeus.github.io'. At the bottom, the 'Unsynced Commits' section shows an 'Initial commit' made 'less than a minute ago'. A system security dialog is overlaid on the interface, displaying a padlock icon and the text: 'GitHub for Mac Login wants to use your confidential information stored in "github.com/mac (urfolomeus)" in your keychain. Do you want to allow access to this item?'. The dialog has three buttons: 'Always Allow', 'Deny', and 'Allow'. The 'Deny' button is highlighted with a blue border. The status bar at the bottom left shows the current branch as 'master'.

Git



Git



Git

The screenshot shows a GitHub repository page for 'urfolomeus / urfolomeus.github.io'. The repository is public and has 1 commit, 1 branch, 0 releases, and 1 contributor. The main branch is 'master'. The latest commit is 'Initial commit' by 'urfolomeus' 2 minutes ago, with the commit hash 'd90417c726'. A file named 'index.html' is listed in the commit details. A blue banner at the bottom of the commit details suggests adding a README. The right sidebar contains navigation links for Code, Issues, Pull Requests, Wiki, Pulse, Graphs, Network, and Settings. The SSH clone URL is 'git@github.com:urf'.

GitHub navigation: This repository, Search or type a command, Explore, Gist, Blog, Help, urfolomeus

Repository: PUBLIC urfolomeus / urfolomeus.github.io

Stats: Watch 0, Star 0, Fork 0

My first website! — Edit

1 commit, 1 branch, 0 releases, 1 contributor

branch: master urfolomeus.github.io

Initial commit

urfolomeus authored 2 minutes ago latest commit d90417c726

index.html Initial commit 2 minutes ago

We recommend adding a README to this repository to help give people an overview of your project. Add a README

Code, Issues 0, Pull Requests 0, Wiki, Pulse, Graphs, Network, Settings

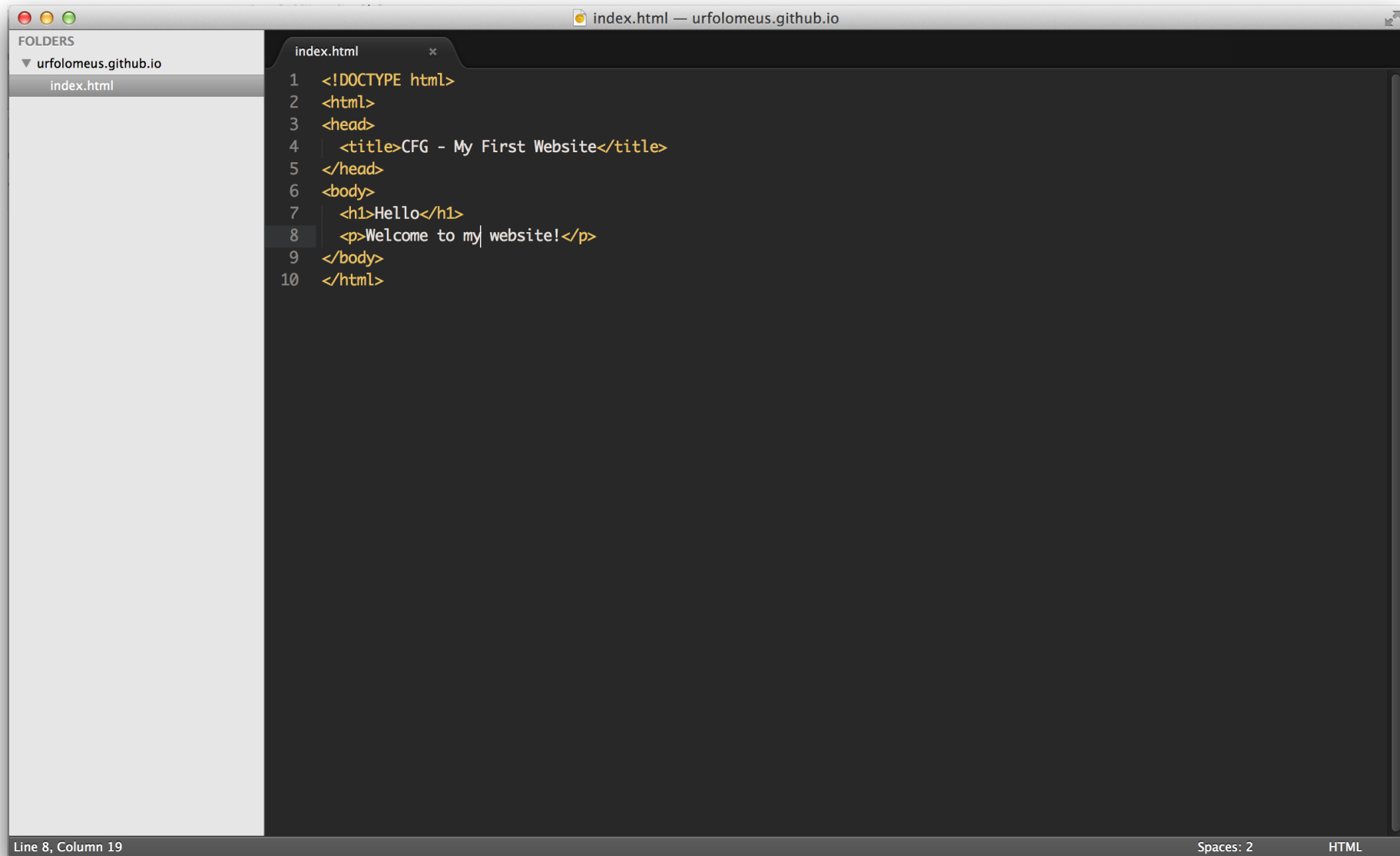
SSH clone URL: git@github.com:urf

Git



make changes

Git



```
index.html — urfolomeus.github.io
FOLDERS
└─ urfolomeus.github.io
   └─ index.html
index.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>CFG - My First Website</title>
5 </head>
6 <body>
7   <h1>Hello</h1>
8   <p>Welcome to my website!</p>
9 </body>
10 </html>
```

Line 8, Column 19 Spaces: 2 HTML

Git

The screenshot shows a Git GUI window titled "Repositories" with the path "urfolomeus/urfolomeus.github.io". The interface is divided into several sections:

- Left Sidebar:** Contains navigation icons for "History", "Changes", "Branches", and "Settings".
- Commit Panel (Top Left):** Shows "Committing to master" with a "Commit" button and a refresh icon. Below it is the "Uncommitted Changes" section with a "Commit" button and a refresh icon. There are input fields for "Summary" and "Description".
- File Selection (Bottom Left):** A list of files to be committed, including "index.html" (checked) and the local path "~/src/work/cfg/urfolomeus.github.io". A "Select All" checkbox is also present.
- Diff View (Right):** Displays the changes for "index.html". A yellow tip bar at the top says "Tip: Click line numbers to select specific lines for a commit." The diff shows:

```
...  ... @@ -5,6 +5,6 @@
5 5  </head>
6 6  <body>
7 7  <h1>Hello</h1>
8 8  - <p>Welcome to my first website!</p>
8 8  + <p>Welcome to my website!</p>
9 9  </body>
10 10 </html> 2+
```
- Bottom Status Bar:** Shows the current branch as "master".

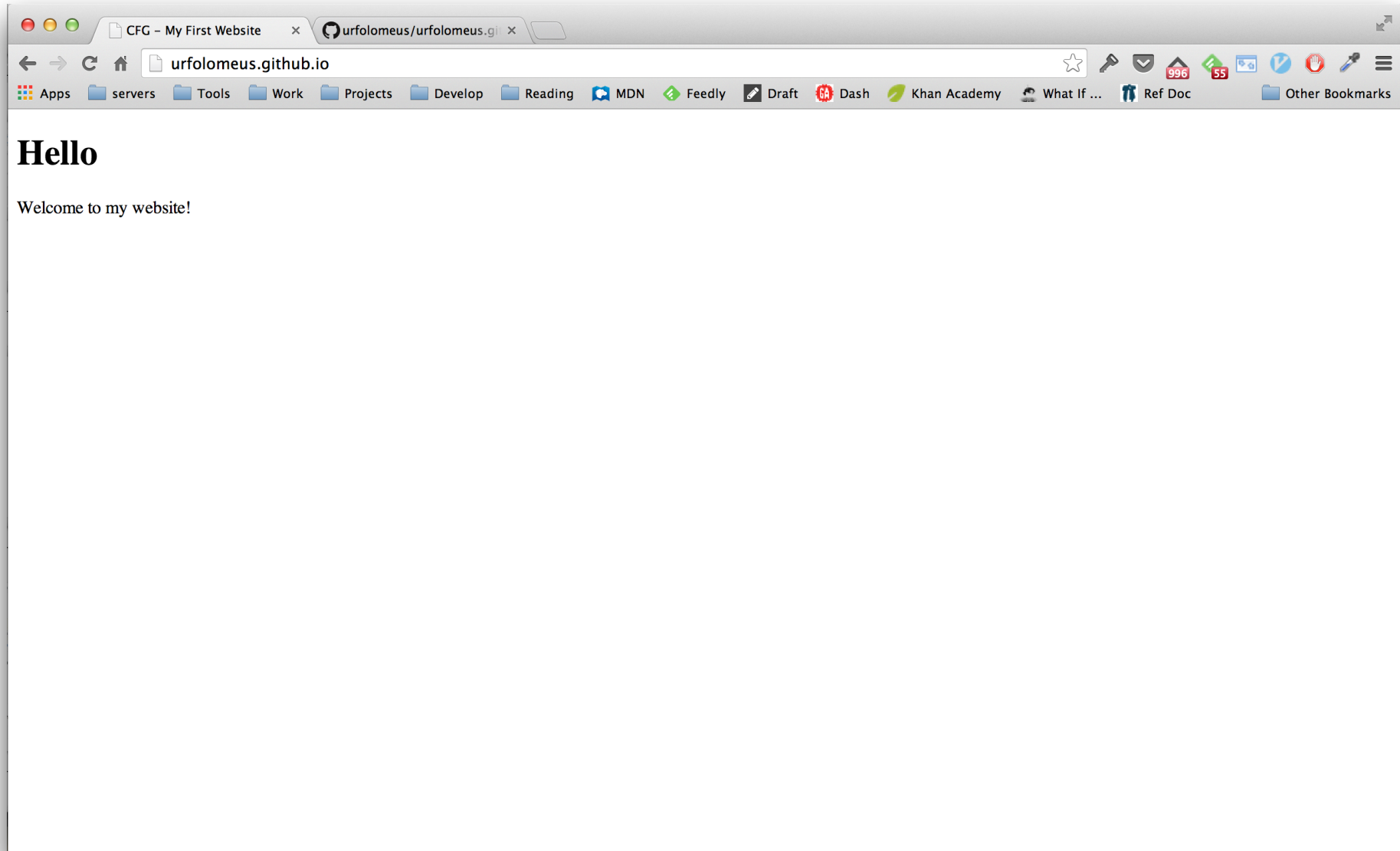
Git

The screenshot shows a web interface for a Git repository named 'urfolomeus/urfolomeus.github.io'. The interface is divided into several sections:

- Header:** 'Repositories > urfolomeus/urfolomeus.github.io' and a 'Sync Branch' button with a refresh icon.
- Left Sidebar:** Contains navigation icons for 'History', 'Changes', 'Branches', and 'Settings'.
- Uncommitted Changes:** A section titled 'Committing to master' with a 'Commit' button. It includes a 'Summary' text field and a 'Description' text area. Below these is a 'Select All' checkbox and a file path: '~src/work/cfg/urfolomeus.github.io'.
- Unsynced Commits:** A section titled 'Unsynced Commits' with a 'Sync' button. It lists one commit with the message 'This is not my first website.' and an 'Edit' button.
- Bottom:** A status bar showing the current branch as 'master'.

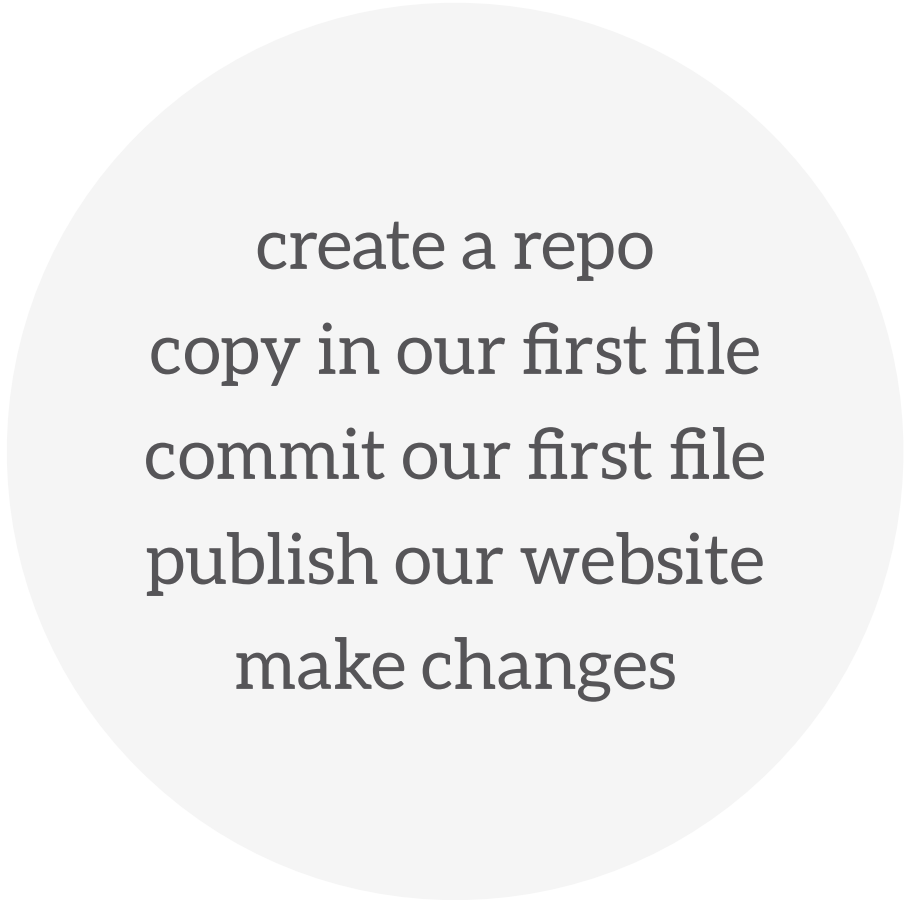
A large green arrow points from the 'Sync' button in the 'Unsynced Commits' section towards the right side of the interface. The text 'No file selected' is overlaid on the right side of the interface.

Git



Git

You (hopefully) learned how to:



- create a repo
- copy in our first file
- commit our first file
- publish our website
- make changes

Git

If you'd like to know more ...

<http://gitimmersion.com/>

<http://git-scm.com/>

<http://git-scm.com/book>