Class 2: GITing Started

`git init; git status; git log; git add; git commit;`

Overview

1. Announcements
2. Review
3. Q&A
4. Extras
5. Basic assignment

Announcements

- Basic - Intro due January 29 (next Wednesday)
- Basic/Adv - Git 1 due February 5

Review

Git

- Git is a graph
- Commits are nodes
- Branch represents a history
- History is a sequence of commits leading back in time

Review

Git

- `git init`: initialize repo
- `git add`: stage files
- `git commit`: commit changes
- `git branch`: create branches
- `git switch`: switch branches

Q&A

Extra

- `git diff`
- `git stash`
  - `git pop`
- Don't version junk files
  - `.gitignore`

Activities

dotfile repo

- Create a repo that has your configuration files
- Useful if you need to set up a new computer!

Activities

GitHub pages

- Can host static webpages for you
- Can also use static site generators
- https://pages.github.com/

Activities

Version a project

- Have an assignment in 280/281/etc.?
- Try versioning it with Git!
- Try using a .gitignore

Basic assignment

Addenda

Core commands

- `git init`
- `git status`
- `git log`
- `git add`
- `git reset`
- `git commit`
- `git branch`
- `git checkout`
  - (`git switch`)
  - (`git restore`)
- `git merge`

Remote and Collaboration commands

- `git clone`
- `git fetch`
- `git pull`
- `git push`
- `git remote`

Additional Commands

- `git help`
- `git stash`
- `git show`
- `git diff`
- `git rebase`
- `git blame`