Intro to Git

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Git terminology

- **Version Control**: Stores history of files ("versions")
- **Distributed Version Control**: Remote source of truth, with local copies.
- **GitHub**: A private company (now Microsoft) with fancy tools integrating git.
- **Repository**: A self-contained project.

Getting Started

- Sign up at github.com
- Install and set up git (see https://docs.github.com/en/get-started/quickstart/set-up-git)

Your local workflow

- `git init`: Initiates git in whatever folder you're in, and all subfolders.
- Make changes to file(s).
- `git diff`: See what changes you've made.
- `git add file1 file2`: Stage changes to be committed.
  - `git add .`: Stage *all* changes.
- `git commit -m "Informative description here"`: Commit the changes.