

C: Version control

a010

Git and GitHub

Definitions:

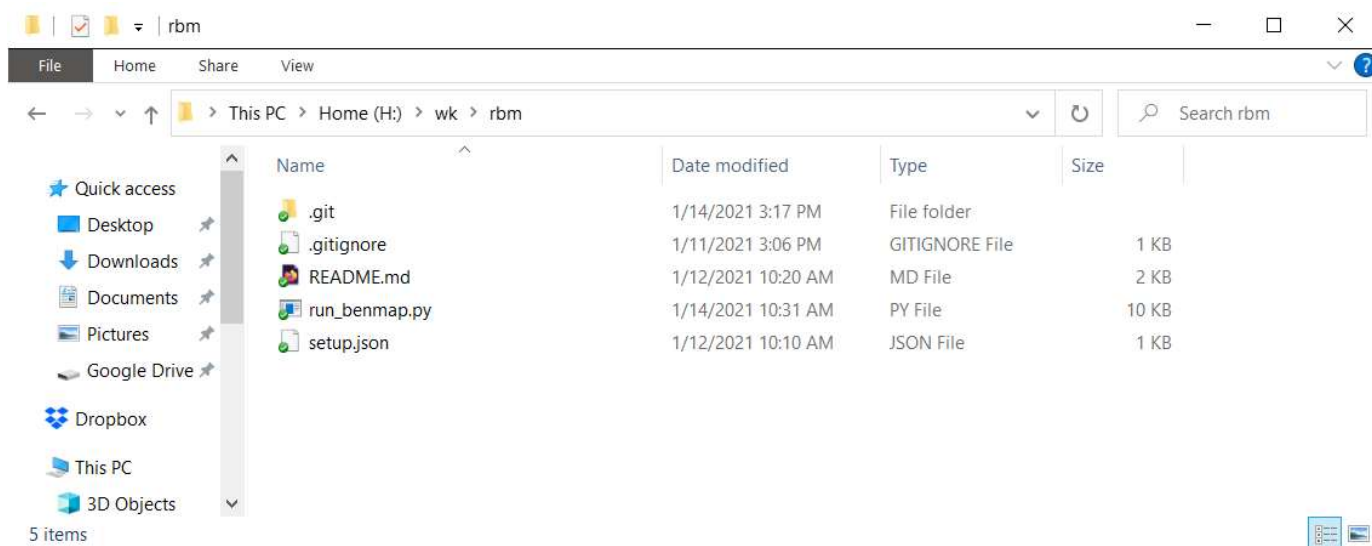
- Git Software version control system for tracking changes in files
- GitHub Widely used website for open source software that uses Git

Example: runBenMAP

View on GitHub:

<https://github.com/pjwilcoxen/runBenMAP>

View on local computer:



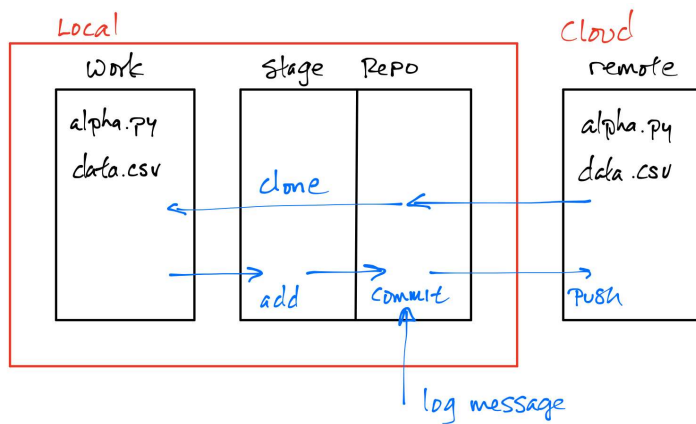
Looking under the hood:

Two repositories:

Remote on the web at GitHub

Local on your own computer

Underlying structure and key commands for working with them:



Commands:

- Clone Make a local copy linked to an existing repository
- Add Add working changes to the staging area
- Commit Add a set of staged changes to the local repository
- Push Push changes in the local repository to the web

Will manage with GitHub Desktop:

Quick demo now

Set up and use in class on Wednesday