TDS - 4/23/18 Lecture - GitHub - Zach

Why do we use GitHub? Version Control

- Centralized file system
- Collaboration
- Changes tracked and accessible
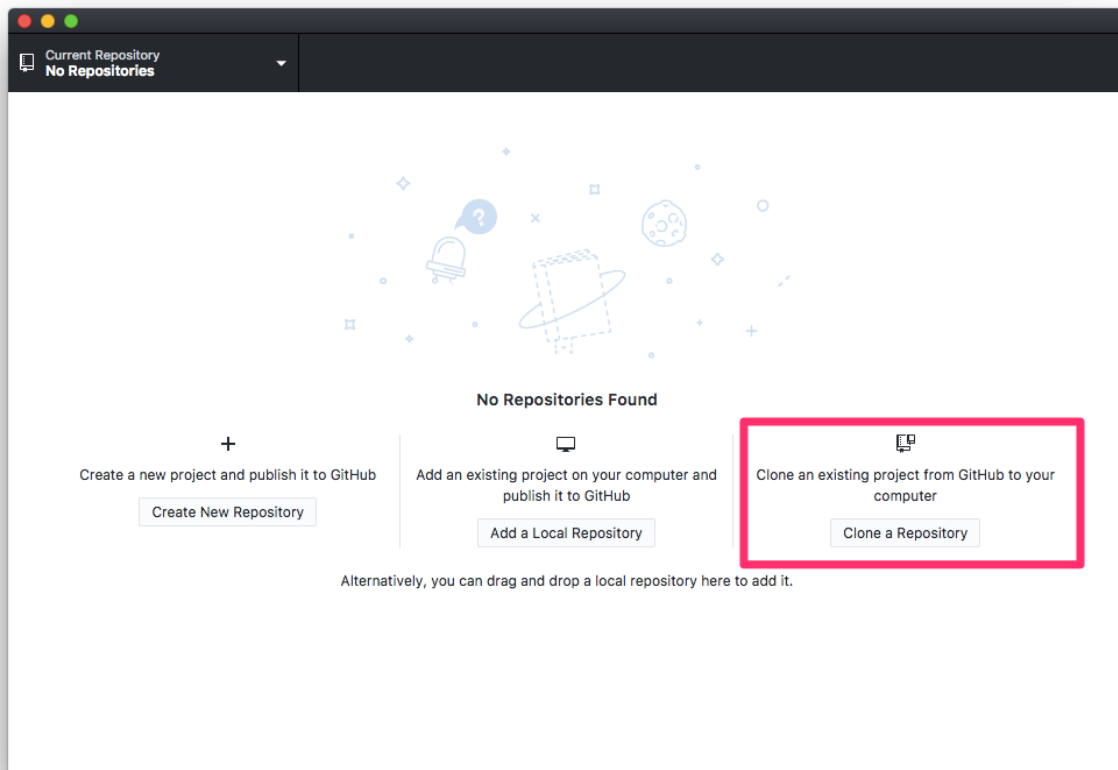

Resources:
Version Control: https://betterexplained.com/articles/a-visual-guide-to-version-control/

(Git Bash): gitimmersion.com

Download GitHub desktop

- Go to https://desktop.github.com/, and download your installer
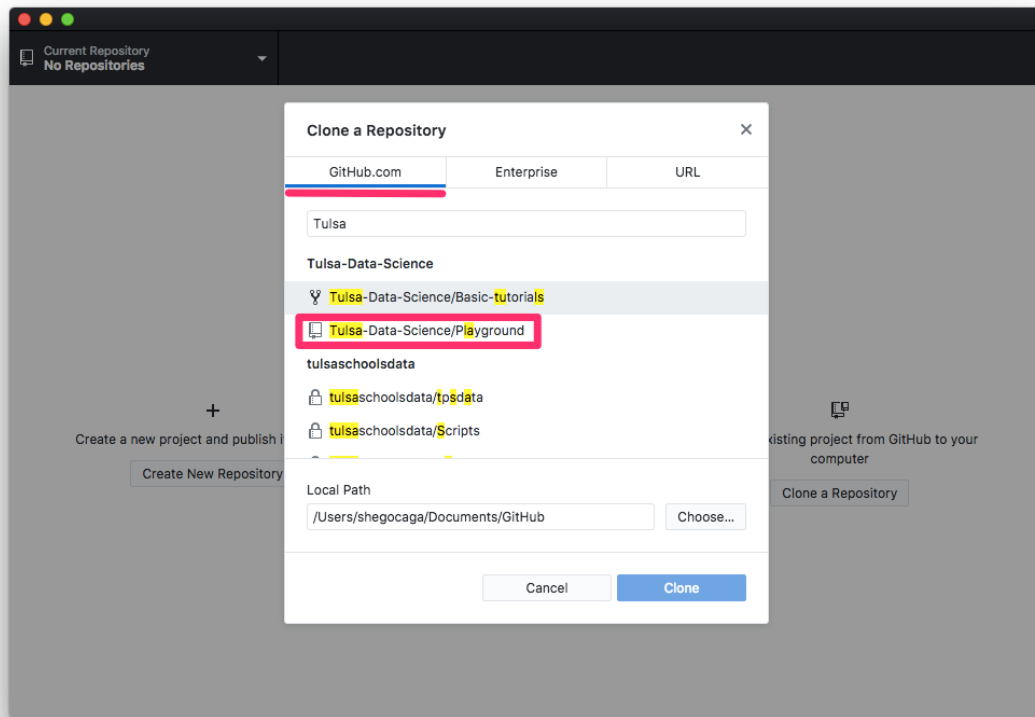- Follow installation instructions
- Launch, then sign in
  - If you do not have an account, follow the steps to create one!

Download Repository

- After launching GitHub desktop and logging in, click 'Clone a Repository

- On the GitHub.com tab, type in the filter bar: "Tulsa", and when it appears, select "Tulsa-Data-Science/Playground"
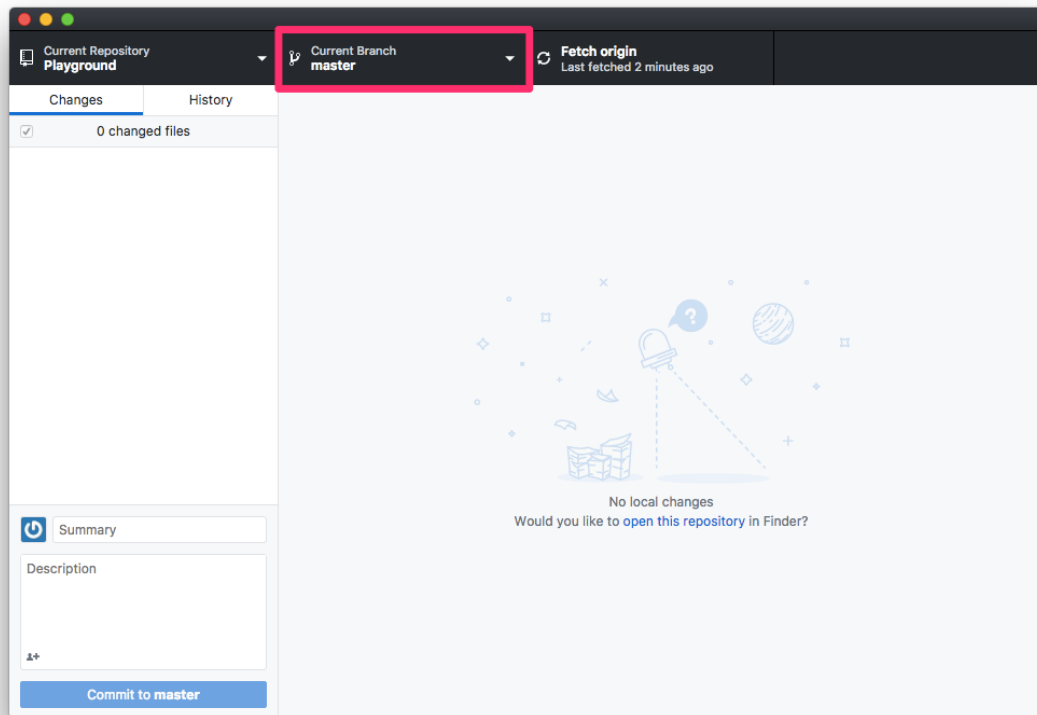
- Choose your local path (preferably in the TDS folder we created before!)

- Once selected, click clone.
- Now you have access to the class materials!

Example: Collaboration between lecturers

- Mijael / Dennis wants to publish resources, after adding to the README.md

Saving your work: Creating a new branch

- On the top of the window, select the branch tab

- Click "New Branch", to create a new branch. Name it "<your user name>_hw"

Current Repository
Playground

Current Branch
master

Fetch origin
Last fetched 2 minutes ago

Changes   History

0 changed files

Create a Branch   ✕

Name

zachandfox_hw

Your new branch will be based on your currently checked out
branch (master). master is the default branch for your
repository.

Cancel   Create Branch

Would you like to open this repository in Finder?

Summary

Description

Commit to master