GitHub 1 Introduction to GitHub

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What is Git

git-scm.com:

Git is a free and open-source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

What is Git

Alan:

Git is a tool for recording and consolidating ideas across people and time

Set Up Git

- Register for a GitHub account
- Set up authentication

Organize the ideas

• Create your own repository

Organize the ideas

- Create your own repository
- Create a branch in someone else's repository

Organize the ideas

- Create your own repository
- Create a branch in someone else's repository
- Fork a repository, and send a pull request

Baseline Process

- git add
- git status
- git commit
- (git reset)
- git pull
- git push

• Push a file larger than 50 MB online

- Push a file larger than 50 MB online
- Try to push a file that is ignored

- Push a file larger than 50 MB online
- Try to push a file that is ignored
- Pushing a file that should be ignored

- Push a file larger than 50 MB online
- Try to push a file that is ignored
- Pushing a file that should be ignored
- Try to push a file that was not added

Exercise

- https://github.com/uva-bi-sdad/dspg23_github_example
- Everyone adds what their favorite food and first name to the favorite_food.txt