

Git Cheat Sheet

git back, jojo

Committing and pushing

`git status` <- shows changed files and current branch

`git add [FILENAME]`

`git commit` <- changes are saved locally after this step but not saved to github, other devices

`git push`

push will prompt you to enter your github username and a development key

Branching

`git checkout [BRANCH NAME]` <- switches to desired branch

`git checkout -b [BRANCH NAME]` <- create a new branch and switch to it

any commit commands will only commit changes to the current branch. You can see what branch you are in by using the `git status` command

Pulling

`git pull`

If code was updated on another device, you will need to pull to ensure that you have the most recent version. You must be within the project directory on the command line to pull a repo.

Useful terminal commands

`cd [DIRECTORY NAME]` <- change current folder location in the terminal

`cd ..` <- move up one directory

`mkdir [DIRECTORY NAME]` <- make a new directory at current terminal location

Creating a github access key

At the github website, navigate to user settings>Developer settings> Personal Access tokens

Generate a new token. Ensure that you've selected all the permissions that you will need

Generate the token and copy and paste it somewhere you can access again. The token will no longer be viewable after you navigate away from it

You can paste into the terminal with control+shift+v

Configuring git in the linux terminal

When you first run git in a linux terminal, you will need to run the commands

`git config --global user.name [YOUR NAME]`

`git config --global user.email [YOUR EMAIL]`