

INTRODUCTION TO GIT

#(and some GitHub)

0. Set up

- > git config [options]
- > git init
- > git ignore

1. Make changes



(use your preferred editor and tools.)

2. Stage changed files

- > git add
- > git add -A
- > git rm [path]



3. Create Snapshot

- > git commit
- > git commit -m "[msg]"



4. Explore

- > git status
- > git log [options]
- > git show [sha1]

(Repeat 1-4 as desired.)

8. Undoing changes

- > git reset [options]
- > git revert [sha1]

9. Rewriting history

(Not to be used on public commits!)

- > git commit --amend
- > git rebase [-i]
- > git reflog

TIP: pull before commit to minimize conflicts!

10. Climbing the Git tree



- > git checkout

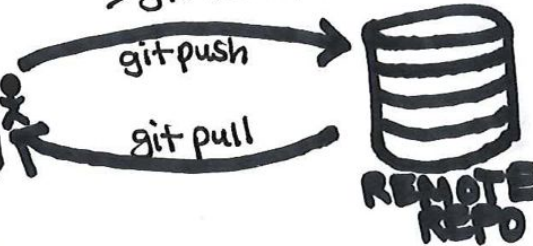
Detached HEAD state!

BONUS: Conflicts

- > git merge
- > git rebase

5. Add remote

- > git remote add [name][url]
- > git remote -v



6. Pull from remote

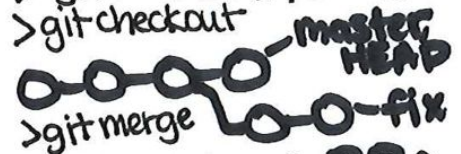
- > git fetch [remote][branch]
- > git pull [remote][branch]

7. Push to remote

- > git push [remote][branch]

11. Branches

- > git branch [options]
- > git checkout



12. Forks and PRs



13. Workflows and Tags and More

- > git tag [options]

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