\$ git init [project name] repository From scratch -- Create a new local **Create a Repository**

\$ git clone my_url Download from an existing repository

Observe your Repository

and update working directory

git checkout my_branch

Switch to a branch, my_branch,

Create a new branch called new_branch

git branch new_branch

\$ git branch -av

\$ git add

and merge

Fetch the latest changes from origin

\$ git fetch (no merge) Get the latest changes from origin

Synchronize

\$ git pull

Stage all changed files, ready for commit

\$ git add [file]

Stages the file, ready for commit

Make a change

List all branches, local and remote

\$ git branch

List all local branches

Working with Branches

committed List new or modified files not yet

\$ git status

\$ git diff Show the changes to files not yet staged

file changes Show all staged and unstaged \$ git diff --cached Show the changes to staged files

commit ids \$ git diff HEAD

List the change dates and authors

\$ git blame [file] tor a tile

\$ git diff commit1 commit2 Show the changes between two

\$ git tag my_tag

lag the current commit

\$ git merge branch_a

\$ git checkout branch_b Merge branch_a into branch_b \$ git branch -d my_branch Delete the branch called my_branch

\$ git reset [file]

\$ git reset --hard Revert everything to the last commit

\$ git push Push local changes to the origin

Unstages file, keeping the file changes

\$ git commit -am "commit message"

versioned history

Commit all your tracked files to

and rebase

git pull --rebase

Fetch the latest changes from origin

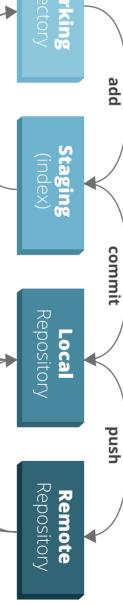
\$ git commit -m "commit message" Commit all staged files to versioned history

Finally!

\$ git command --help

When in doubt, use git help

for official GitHub training.



Or visit https://training.github.com/

Show full change history \$ git show [commit]:[file] id and/or file Show the file changes for a commit

reset

fetch

reset [commit]

pu

\$ git log -p [file/directory]

including diffs

Show change history for file/directory

\$ git log