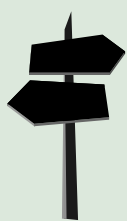


GITHUB CHEAT SHEET

SETUP A REPOSITORY

`git init [project-name]`

Creates a new local repository with the specified name



`git clone [url]`

Downloads a project and its entire version history

TYPICAL FLOW

You setup your repository. Now what?

`git branch [branch-name]`

Creates a new branch



`git checkout [branch-name]`

Switches to the specified branch and updates working directory

**Write
Code**



`git add [file]`

Snapshots the file in preparation for versioning



`git commit -m "[descriptive message]"`

Records file snapshots permanently in version history



`git push [remote] [branch]`

Uploads all local branch commits to GitHub



Create a pull request.
Discuss the code.
Merge it in.

SPECIAL CASES

`git pull`

Downloads bookmark history and incorporates changes

Used when you need to import project updates.

`git status`

Lists all new or modified files to be committed

Use when you want to see the status of the repository.

`git reset [file]`

Unstages the file, but preserves its contents

Unstages your file. It won't be committed.

`git merge [branch-name]`

Combines the specified branch's history into the current branch.

Ready to merge into the main branch? Be sure to checkout the main branch first. Then use this command to merge in the feature branch