www.hostinger.com

git

Cheat Sheet

HOSTINGER

Create a Repository

From scratch -- Create a new local repository
git init [project name]

Download from an existing repository
git clone my_url

Observe your Repository

List new or modified files not yet committed
git status

Show the changes to files not yet staged
git diff

Show the changes to staged files
git diff --cached

Show all staged and unstaged file changes
git diff HEAD

Show the changes between two commit ids
git diff commit1 commit2

List the change dates and authors for a file
git blame [file]

Show the file changes for a commit id and/or file
git show [commit]:[file]

Show full change history
git log

Show change history for file/directory including diffs
git log -p [file/directory]

Working with Branches

List all local branches
git branch

List all branches, local and remote
git branch -av

Switch to a branch, my_branch, and update working directory
git checkout my_branch

Create a new branch called new_branch
git branch new_branch

Delete the branch called my_branch
git branch -d my_branch

Merge branch_a into branch_b
git checkout branch_b
git merge branch_a

Tag the current commit
git tag my_tag

Make a change

Stages the file, ready for commit
git add [file]

Stage all changed files, ready for commit
git add .

Commit all staged files to versioned history
git commit -m “commit message”

Commit all your tracked files to versioned history
git commit -am “commit message”

Unstages file, keeping the file changes
git reset [file]

Revert everything to the last commit
git reset --hard

Synchronize

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

Fetch the latest changes from origin and merge
git pull

Fetch the latest changes from origin and rebase
git pull --rebase

Push local changes to the origin
git push

Finally!

When in doubt, use git help
git command --help

Or visit **https://training.github.com/** for official GitHub training.