

Git Commands Cheat Sheet

git init

Initialize a new Git repository

git clone <url>

Clone a repository into a new directory

git status

Show the working directory status

git add <file>

Add a file to the staging area

git add .

Add all files to the staging area

git commit -m 'message'

Commit changes with a message

git push

Push changes to the remote repository

git pull

Fetch and merge changes from the remote repository

git fetch

Download objects and refs from another repository

git merge <branch>

Merge a branch into the current branch

git branch

List all local branches

git branch <name>

Create a new branch

git checkout <branch>

Switch to a branch

git checkout -b <branch>

Create and switch to a new branch

git log

Show commit logs

git diff

Show changes between commits, commit and working tree, etc

git reset <file>

Unstage a file

git reset --hard

Reset the index and working directory

git rm <file>

Remove a file from the working directory and staging area

git stash

Stash the changes in a dirty working directory

git stash pop

Reapply stashed changes

git remote -v

Show remote connections

git remote add <name> <url>

Add a new remote

git tag

List tags

git tag <name>

Create a tag

git show <commit>

Show various types of objects