

Git Commands Cheat Sheet

Create directory (Local System)

New Directory inside Home	<code>cd ~/directory_name</code>
New Git Repository	<code>git init</code>
Add a single file	<code>git add <file_name></code>
Add all files	<code>git add --all</code>
Clone into a remote	<code>git clone <link></code>

Check Status

Show changed files	<code>git status</code>
Show difference in changed files	<code>git diff</code>
Show the log files.	<code>git log</code>

Dealing With Branches

Create a new branch and stay in current	<code>git branch <brname></code>
Create a new branch and switch	<code>git checkout -b <brname></code>
Switch to an existing branch	<code>git checkout <brname></code>
Delete and existing branch	<code>git branch -d <brname></code>

Revert Changes

Revert a particular commit by its ID	<code>git revert <commit id></code>
Revert all commits	<code>git reset --hard <first-commit-id></code>
Revert the last change	<code>git revert HEAD</code>
Fix the last commit	<code>git commit --amend</code>

Publish Your Changes

Commit your local changes with a commit message	<code>git commit -m "Update"</code>
Commit your local changes (Edit Separate Message)	<code>git commit -a</code>
Push changes to your repo	<code>git push -u origin <brname></code>
Create patch files for commits in current branch	<code>git format patch origin</code>
For any help	<code>git --help</code>