

Git CheatSheet

For Beginners

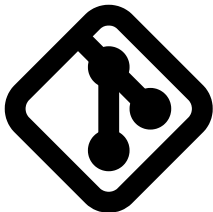


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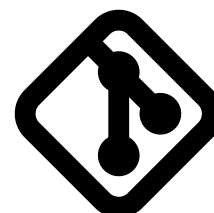


Arsalan Ali
[@arslanchaos](#)

Command	Description
<code>git init</code>	Initializes a Git directory
<code>git status</code>	Tracks the changes a user made in the directory
<code>git add [filename]</code>	Includes your changes to a file in staging area
<code>git add .</code>	Includes your changes to all files in staging area
<code>git reset [filename]</code>	Excludes your changes to a file from staging area
<code>git reset .</code>	Excludes your changes to all files in staging area
<code>git commit -m "message"</code>	Commits all the changes you made in the directory



Command	Description
git log	It gives us the information of all the users who made changes and committed them. Basically a log of the entire system
git push	Makes all the changes to the remote repository
git pull	Fetches and commits all the changes from remote repo to the local repo
git clone [url]	Clones an entire remote repository to the local system
git branch	Lists your branches. An asterisk * will appear next to active branch
git diff --staged	Difference of what is staged but not committed



Command	Description
git reflog	See the recent commits, pulls, resets, pushes etc
git bisect start git bisect bad	For finding which commits caused certain bugs
git revert HEAD	Undo recent commits
git commit -a -m "Message"	Add and commit all at once
git reset --hard origin/main	Reset local branch to online branch
git log --graph --decorate --oneline	Gives you the ability to print out a pretty log of your commits/branches
git log -S "Function Update"	Use the log command to search for specific changes in the code

