

Git Cheat Sheet

by Mon. (Monz gomz) via cheatography.com/64672/cs/36349/

Setup	
Set a user name	git configglobal user.name "[fi-rstname last name]"
Set an email	git configglobal user.email "[valid email]"
Set automatic command line coloring	git configglobal color.ui auto

Setup and INIT	
Initialize a directory	git init
Clone an entire repository via URL	git clone [url]

Inspect and compare	
Show the commits in B but no in A	git log branchBbranchA
Show the commits that changed file	git logfollow[file]
Show the diff of in A but no in B	git diff branchBbranchA
Show any object in git	git show [SHA]

Tracking Path changes	
Delete the path from project and stage the removal for commit	git rm [file]
Change an existing file path and stage the move	git mv [existing-path] [new-path]
Show all commits logs with movements in path	git logstat -M

Ignoring patterns	
Save a file with desired patterns as <i>.gitignore</i>	*.notes/
Configure the file	git configglobal core.excl- udesfile [file]

Stage and Snapshot	
Show modified files in working directory	git status
Add a file to stage	git add [file]
Unstage a file	git reset [file]
Diff of what is changed but not staged	git diff
Diff of what is staged but not committed	git diffstaged

Branch and Merge	
List your branches	git branch
Create a new branch	git branch [branch-name]
Switch to another branch	git checkout
Merge the branch into the current	git merge [branch]
Show all the commits	git log

Commit your staged content git commit -m "[descriptive message]"

Share and Update	
Add a git URL as an alias	git remote add [alias] [url]
Fetch down all the branches from git remote	git fetch [alias]
Merge remote branch into your current branch	git merge [alias]/[- branch]
Transmit local branch commits to remote	git push [alias][branch]
Fetch and merge all commits	git pull

Rewrite History	
Apply any commits of current branch ahead of specified one	git rebase [branch]
Clear staging area and rewrite working tree fro specified commit	git resethard [commit]

Temporary commits	
Save modified and staged changes	git stash
List stack-order of stashed file changes	git stash list
Write working from top of stash stack	git stash pop
Discard the changes from top of the stack	git stash drop



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