Git Cheat Sheet

by gracee via cheatography.com/80885/cs/19446/

Create

git clone	Clone an existing repository
git init	Clone a local repository
git add	Add files to staging
git commit	Commit staged changes to the repository
git commit --amend	Reword the last commit message
git mv	Move or rename a file
git rm	Unstage files

Branches

git branch	Lists all branches
git checkout <branch>	Switches to a new branch
git checkout -b <branch>	Creates the new branch while also switching to it
git branch -d <branch>	Deletes the branch
git merge <branch>	Merges current branch into <branch>

Update

git remote -v	List remotes
git remote add <path>	Adds a new remote
git fetch	Get the latest changes from origin
git pull	Get the latest changes and merge
git push	Publish local changes to the repository
git push <remote> :<branch>	Deletes remote branch
git reset --hard HEAD	Undo local commits

git rebase and cherry pick

git rebase <branch>	Takes the current branch's commits and applies them on top of another base
git rebase -i	Changing commits in ways such as editing, deleting or squashing
git rebase --continue	Staging files changes during interactive rebase
git rebase --abort	Terminates the process
git cherry-pick <commit>	Choose commits from one branch and apply it onto another

git bisect

git bisect start	Begins the bisect process
git bisect good/bad <tag>	Marks <tag> as a broken or working version
git bisect good/bad	Marks the commit as good or bad
git bisect reset	Ends the bisect process

git log

git reflog	Displays an ordered list of the commits that HEAD has pointed to
git log--<-limit>	Limit the number of commits displayed
git log --oneline	Limit each commit to a single line
git log --stat	Shows the file(s) that have been modified, the number of lines that have been added or removed and also displays a summary line
git log --grep="<pattern>"	Search for a specific word/phrase in a list of commits
git log --author="-<author>"	Display all commits by an author
git log --<file>	Only show commits in a certain file
git log --merges	Display a log with only merge commits
git shortlog	Group commits by their authors
git diff	View the difference between two commits

Sponsored by **CrosswordCheats.com**
Learn to solve cryptic crosswords!
http://crosswordcheats.com