Cheatography

Git cheat sheet Cheat Sheet

by Ripp via cheatography.com/83309/cs/19761/

Creating

To create a local repository
cd ~/projects/myproject
git init
git add .

To clone from a remote repository (possible ways to do it)
git clone ~/existing/repo ~/new/repo
git clone git://host.org/project.git
git clone ssh://you@host.org/proj.git

Local

git checkout [-b]	Switches HEAD to given branch -b for creating a branch
git commit [--amend]	Adds a new commit; --amend for a slight change to current commit
git tag	Adds a tag
git describe	Describes how far is the nearest ancestor with a tag
git merge	Merges two commits
git log	Displays changes to the project
git rebase [-i]	Creates a copy of commits from HEAD to a given commit; -i for an interactive mode
git branch [-f] [-u] [-d]	Creates a new branch; -f for force; -u for specifying which branch to track; -d for deleting a branch;
git cherry-pick	Adds to the HEAD commits that are not ancestors in a given order
git reset	Deletes a HEAD commit
git revert	Creates a new commit that undoes the changes from a previous commit

Main difference between **git merge** and **git rebase** is that rebase makes commits to be in a one line under each other on a tree, which leads to loosing the order of changes. Merge creates a new commit which keeps the order of changes in the project. It's just the matter of tree simplicity and keeping changes between them.

Remote

git clone	Clones from a remote repository
git fetch	Downloads all commits, but doesn't merges or rebases them in a local project
git pull [--rebase]	Combines **git fetch** and **git merge**; --rebase for **git rebase** instead of **git merge**
git push	Uploads commits

Fetch, pull and push have a specific syntax if we want to specify the source and destination commits. Basically we can use two forms:

git fetch/pull/push ***destination source*** for whole commit tree branch

git fetch/pull/push origin ***source:destination*** for specific commits

By **Ripp**
cheatography.com/ripp/

Not published yet.
Last updated 4th June, 2019.
Page 1 of 1.