Git Cheat Sheet Volume 1

Create	Revert
From existing data	Revert the last commit
cd ~/my_project_dir \$ git init	\$ git revert HEAD
\$ git add.	Return to last committed state
From existing repo	\$ git checkout -f git reset -hard
\$ git clone ~/existing/repo ~/new/repo	
\$ git clone you@host.de:dir/project.git	Revert specific commit
\$ git clone http://[USER@]host.de/project.git	\$ git revert <id></id>
D	fix/change last commit
${f Browse}$	\$ git commit —amend
Files changed in working directory	w git commit whent
\$ git status	branch
Character of two sheet files	List all branches (locally and remote)
Changes of tracked files	\$ git branch -a
\$ git diff	
Changes between ID1 and ID2	Switch to BRANCH
\$ git diff <id1> <id2></id2></id1>	\$ git checkout BRANCH
History of changes	Merge Branch B1 into B2
\$ git log	\$ git checkout <b2></b2>
	\$ git merge <b1> \$ git merge -no-ff -m "Message"</b1>
Commit	generates commit even as -ff option
Commit all local changes	\$ git merge -squash
\$ git commit -a	merge without generated commit
	Create Branch based on HEAD
Commit all local changes and add message	\$ git branch <branch></branch>
\$ git commit -am ,, <message>"</message>	
	Create Branch based on HEAD and checkout
Useful tips	\$ git checkout -b branch>
Documentation/help	Create Branch based on another
\$ git help [command]	\$ git branch <new> <branch></branch></new>
\$ man git-[command]	
	Delete a branch
Push branch to remote	\$ git branch -d <branch></branch>
\$ git push <origin> <branch></branch></origin>	
Delete househ (learly and associate)	Update
Delete branch (locally and remote) \$ git branch -d <branch></branch>	Fetch latest changes from origin
\$ git branch -d < branch > \$ git push <origin> :<branch></branch></origin>	\$ git fetch
. 0 1	
Change not pushed commits untill ID	see if something changed

Resolve merge conflicts

View merge conflicts

§ git diff

View merge conflicts against base file

§ git diff -base <FILE>

View merge conflicts against other changes

§ git diff --theirs <FILE>

View merge conflicts against your changes

§ git diff --ours <FILE>

After resolving conflicts, merge with

§ git add <CONFLICTING_FILE>

§ git rebase --continue

Publish

Push changes to origin
\$ git push [origin] [branch]

Make a Version
\$ git tag <version_name>

Prepare a patch \$ git format-patch origin

Configuration

\$ git config [--global] [option]

global is stored in ~/.gitconfig

user

user.name NAME user.email EMAIL

color

color.ui auto

optimisation

packs.threads 0 diff.renamelimit 0

> Date: January 22, 2013 - Version 1.5 Author: Max Oberberger (max@oberbergers.de) https://github.com/chiemseesurfer/latex-gitCheatSheet