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
	\$ git checkout -f git reset -hard
From existing repo	
\$ git clone ~/existing/repo ~/new/repo	Revert specific commit
\$ git clone you@host.de:dir/project.git \$ git clone http://[USER@]host.de/project.git	\$ git revert <id></id>
# git clone http://[CDEnt@]host.de/project.git	
Browse	fix/change last commit
Diowse	\$ git commit ——amend
Files changed in working directory	, ü
\$ git status	branch
Changes of tracked files	List all branches (locally and remote)
\$ git diff	\$ git branch -a
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
a	\$ git merge –squash
Commit all local changes	merge without generated commit
\$ git commit -a	Create Branch based on HEAD
C	\$ git branch <branch></branch>
Commit all local changes and add message	
\$ git commit -am ,, <message>"</message>	Create Branch based on HEAD and checkout
Hanful time	\$ git checkout -b branch>
Useful tips	
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>	
	Update
Delete branch (locally and remote)	
\$ git branch -d <branch></branch>	Fetch latest changes from origin
\$ git push <origin> : branch></origin>	\$ git fetch
Change not pushed commits untill ID	see if something changed
\$ git rebase -i <id></id>	\$ git remote update

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

color

color.ui auto

optimisation

packs.threads 0

diff.renamelimit 0

Date: January 23, 2013 - Version 1.5 Author: Max Oberberger (github@oberbergers.de) https://github.com/chiemseesurfer/latex-gitCheatSheet