Git Cheat Sheet Volume 1

Create	Revert
From existing data	Revert the last commit
cd ~/my_project_dir	\$ git revert HEAD
\$ git init	
\$ git add .	Return to last committed state
	\$ git checkout -f git reset -hard
From existing repo	
\$ 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>
Browse	fix/change last commit
	\$ git commit ——amend
Files changed in working directory	
\$ 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 >	\$ 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
v gio commit u	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 >
\$ man git-[command]	
Duck knowsk to nomete	Delete a branch
Push branch to remote	\$ git branch -d <branch></branch>
\$ git push <origin> <branch></branch></origin>	TT 1
Delete branch (locally and remote)	${f Update}$
\$ 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 Configuration \$ git config [--global] [option] global is stored in ~/.gitconfig user user.name NAME user.email EMAIL color

> Date: February 20, 2013 - Version 1.5 Author: Max Oberberger (github@oberbergers.de) https://github.com/chiemseesurfer/latex-gitCheatSheet

color.ui auto

optimisation
packs.threads 0
diff.renamelimit 0