Git Cheat Sheet

Create	Revert	Resolve merge conflicts
From existing data	Revert the last commit \$ git revert HEAD	View merge conflicts \$ git diff
cd ~my_project_dir \$ git init	# git levert IILAD	# git dili
\$ git add .	D	Y' 0' + 1 Cl
	Return to last committed state	View merge conflicts against base file
From existing repo	\$ git checkout -f git reset -hard	\$ git diff -base <file></file>
\$ git clone ~/existing/repo ~/new/repo		
\$ git clone you@host.de:dir/project.git	Revert specific commit	View merge conflicts against other changes
\$ git clone http://[USER@]host.de/project.git	\$ git revert <id></id>	\$ git diff —theirs <file></file>
Browse	fix/change last commit	View merge conflicts against your changes
Files shanged in working directory	\$ git commit ——amend	\$ git diffours <file></file>
Files changed in working directory \$ git status		
ψ git status	branch	After resolving conflicts, merge with
	List all branches (locally and remote)	\$ git add <conflicting_file></conflicting_file>
Changes of tracked files	\$ git branch -a	\$ git rebase ——continue
\$ git diff	4 9.1 -1-1-1-1	
	Switch to BRANCH	Publish
Changes between ID1 and ID2	\$ git checkout BRANCH	Push changes to origin
\$ git diff <id1> <id2></id2></id1>	git elections Bigiliteri	\$ git push [origin] [branch]
	Merge Branch B1 into B2	4 816 hann lorrerral
History of changes	\$ git checkout <b2></b2>	Make a Version
\$ git log	\$ git merge <b1></b1>	\$ git tag <version name=""></version>
~	\$ git merge –no-ff -m "Message"	git tag (version_name)
Commit	generates commit even as -ff option	Duamana a matah
Commit all local changes	\$ git merge -squash	Prepare a patch \$ git format-patch origin
\$ git commit -a	merge without generated commit	ψ git format-patch origin
	Create Branch based on HEAD	
Commit all local changes and add message	\$ git branch <branch></branch>	Configuration
\$ git commit -am ,, <message>"</message>		\$ git config [global] [option]
, 6 ,	Create Branch based on HEAD and checkout	global is stored in \(\tilde{\cap-}\).gitconfig
Useful tips	\$ git checkout -b branch>	
Coeffee steps		user
Documentation/help	Create Branch based on another	user.name NAME user.email EMAIL
\$ git help [command]	\$ git branch < new > < branch >	user.eman Elvitti
\$ man git-[command]		color
	Delete a branch	color.ui auto
Push branch to remote	\$ git branch -d <branch></branch>	Color.ur auto
\$ git push <origin> <branch></branch></origin>		and incidential
	${f Update}$	optimisation
Delete branch (locally and remote)	Fetch latest changes from origin	packs.threads 0 diff.renamelimit 0
\$ git branch -d <branch></branch>	\$ git fetch	
\$ git push <origin> : branch></origin>	ψ Bit ictori	
Change not pushed commits untill ID	see if something changed	Date: October 12, 2012 - Version 1.4 Author: Max Oberberger (max@oberbergers.de)
\$ git rebase -i <id></id>	\$ git remote update	https://github.com/chiemseesurfer/latex-gitCheatSheet