Git Cheat Sheet

a .		D 1
Create	Revert	Resolve merge conflicts
From existing data	Revert the last commit	View merge conflicts
cd ~/my_project_dir	\$ git revert HEAD	\$ git diff
\$ git init		
\$ git add .	Return to last committed state	View merge conflicts against base file
	\$ git checkout -f git reset -hard	\$ git diff-base <file></file>
From existing repo		
\$ 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 difftheirs <file></file>
4 9 mb//,[]//		
Browse	fix/change last commit	View merge conflicts against your changes
Drowse	\$ git commitamend	\$ git diffours <file></file>
Files changed in working directory		
\$ git status	branch	After resolving conflicts, merge with
	or unen	\$ git add <conflicting file=""></conflicting>
Changes of tracked files	List all branches (locally and remote)	\$ git rebasecontinue
\$ git diff	\$ git branch -a	
		Publish
Changes between ID1 and ID2	Switch to BRANCH	
\$ git diff <id1> <id2></id2></id1>	\$ git checkout BRANCH	Push changes to origin
		\$ git push [origin] [branch]
History of changes	Merge Branch B1 into B2	
\$ git log	\$ git checkout <b2></b2>	Make a Version
	\$ git merge <b1></b1>	\$ git tag <version_name></version_name>
Commit	\$ git merge -no-ff -m "Message" generates commit even as -ff option	
	\$ git merge -squash	Prepare a patch
Commit all local changes	merge without generated commit	\$ git format-patch origin
\$ git commit -a	Create Branch based on HEAD	
	\$ git branch <branch></branch>	Configuration
Commit all local changes and add message		\$ git config [global] [option]
\$ git commit -am ,, <message>"</message>	Create Branch based on HEAD and checkout	global is stored in /.gitconfig
	\$ git checkout -b <branch></branch>	
Useful tips		user
Document ation/help	Create Branch based on another	user.name NAME user.email EMAIL
\$ git help [command]	\$ git branch < new > < branch >	user.eman hwarb
\$ man git-[command]		color
	Delete a branch	color.ui auto
Push branch to remote	\$ git branch -d <branch></branch>	Color.ur auso
\$ git push <origin> <branch></branch></origin>		optimisation
	Update	packs.threads 0
Delete branch (locally and remote)	o paaro	diff.renamelimit 0
\$ 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	