

GIT - Everyday use Cheat Sheet

by TME520 (TME520) via cheatography.com/20978/cs/22547/

Key conc	epts			Branches (cont)			
HEAD	Head is your current branch. You can see what HEAD points to by typing cat $.git/HEAD$,		Switch to a new branch		git checkout -b <new_b-< th=""><th>git checkout -b conf/marcel/- use-EditorConfig</th></new_b-<>	git checkout -b conf/marcel/- use-EditorConfig	
Remote	Remotes are non-local repositories you can interact with (push/pull). The default remote is <i>origin</i> (you can see that using git remote -v).		Push change		git push origin <br< th=""><th>git push origin fix/patrick/- remove-parasite-chars-from</th></br<>	git push origin fix/patrick/- remove-parasite-chars-from	
Branch	Branches are a way of safely work on new features without messing other peoples work (one feature, one branch).			Delete a bran	ıch	anch> git branch -d	config-file git branch -d feat/raja/count-
Commit	A commit is and save.	A commit is a change or a set of changes you wish to register			ır	 dranch> git merge	api-failures git merge main
Reposito	ries			the main	en to	 branch>	
Create a local repositor	у	ny_repo && cd ./my_repo && git		Using branches, several developers are able to work together on the same code base, the same project. git merge is not usually done manually, but is managed by your pull request system.			
Clone a repositor from GitHub	_	https://github.com/TME520/etm	ı.gıt	Getting out of (mild) troubles Cancel git resethard && git pull remote <remote_branch></remote_branch>			
Clone a specific branch from a	git clone	e -b development https://github.c	com/TME520/etm.git	untracked uncommitted local changes			
repo				Basic configuration			
Branches			nit burnala	Set your name	git con	figglobal use	r.name "John Doe"
List brand	ches git l	oranch	git branch list	Set your	git con	figglobal use	r.email johndoe@example.com
Clone a specific	git	clone -b branch> <remote_repo< th=""><th>o> git clone -b development</th><th>email address</th><th></th><th></th><th></th></remote_repo<>	o> git clone -b development	email address			
branch			git@githu- b.com:user/- myproject.git	Set your default editor	git con	figglobal core	e.editor emacs
Switch to existing branch	an git (checkout <branch></branch>	git checkout feat/robert/- add-pub-holi- days-2020				



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Dot files				
.gitignore	Specifies intentionally untracked files that Git should ignore. Files already tracked by Git are not affected.			
.gitattributes	Gives attributes (end of line type, diff type, merge type) to certain files.			
Examples of .gitignore files: click here				

Examples of .gitattributes files: click here							
Basic work	asic workflow						
Clone a repo	git clone https://github.com/TME520/etm.git						
Create a new branch	git checkout -b conf/yu/add-api-endpoints-to-monitoring						
Check repo status and current branch	git status						
Add changes to next commit (track files)	git add -A						
Commit with a message	git commit -m "Sometimes dogs are grey"						
Refresh current local branch with remote branch	git pull origin development						
Push	git push origin conf/yu/add-api-endpoints-to-monitoring						

changes
to remote
git push uploads your commits to the remote repository.
git pull is a combination of git fetch and git merge. It gets the
updates from remote repository and applies the latest changes to
your local.

Commits						
Add one file to a future commit	git add <file></file>	git add benchm ark.c				
Add all files to a future commit	git add -A					
Commit with a message	git commit -m " <message>"</message>	git commit -m "- Initial commit"				
Change the message of the latest commit	git commitamend -m " <new_message>"</new_message>	git commit amend -m "- Bea- utiful commit"				
Cancel a commit	git logoneline					
	git revert <commit_id></commit_id>					
Git commits are checkpoints in the development process which you can go back to later if needed. Git commit saves your changes only locally.						

git revert won't delete the commit, it will instead create a new one

cancelling the other.



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