

GIT - Everyday use Cheat Sheet

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

Kov-cope	Pranches (cont)						
Key conc	Branches (cont) Switch to a new git checkout git checkout -b conf/marcel/-						
IILAD	Head is your current branch to by typing cat .git/HE		at HEAD points	branch		-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 changes to a remote branch Delete a branch		ranch> 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).				anch> git branch -d	config-file git branch -d feat/raja/count-	
Commit	A commit is a change or a set of changes you wish to register and save.			Integrate you	ır	 dranch> git merge	api-failures git merge main
Reposito	ries			feature brand the main	ch to	 branch>	
Create a local repositor	local repository				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.		
repositor		ı	Getting out of (mild) troubles				
GitHub				Cancel git resethard && git pull remote <remote_branch></remote_branch>			
Clone a specific branch from a	git clone -b development	n/TME520/etm.git	untracked uncommited local changes				
repo				Basic config	uration		
Branches			ait branch	Set your name	git con	figglobal use	r.name "John Doe"
List brand	ches git branch		git branch list	Set your	git con	figglobal use	r.email johndoe@example.com
Clone a specific	git clone -b <branch< th=""><th>> <remote_repo></remote_repo></th><th>git clone -b development</th><th>email address</th><th></th><th></th><th></th></branch<>	> <remote_repo></remote_repo>	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 branc	h>	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

Examples of <i>.gitattributes</i> files: click fiere							
Basic 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						

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.



changes to remote

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