Git Cheat Sheet Cheat Sheet

by Pratik1001 via cheatography.com/183332/cs/38165/

Setup

To setup username and user email

$ git config --global user.name "Example"
$ git config --global user.email "example@gmail.com"

Initialize the Git

$ git init : Initialize the Git

$ git clone <url> : Copy the remote repository

Untracked, Staging, Tracked

git add <filename> : Add a file to staging

git add . : Add all file to staging

git commit -m "commit message": Commit all staged file

git commit -am "commit message" : To add and commit together

git status : To view current status of file

Branches

git branch : View the all branches

git branch <branchname> : Create a new branch

git checkout -b <branchname> : Create a new branch and switch to it

git checkout <branchname>: Switch to a branch

git branch -d <branchname> : Delete a branch

Logs Check

git log : Check commits history in detail

git log --oneline : Shows commit history in one line

git diff : Shows changes in files

Merge Branches

If you want to merge branch A to B then,

git checkout B
git merge A

git rebase : It is also used to merge the branches but it is also merged the commit history.

Undo changes

git rm <filename> : Remove a file from working directory

git rm --cached <filename> : Remove from staging area

git revert <Commit ID> Reverting the commit

git reset <commit ID> It will delete all commits

Git/Github

git clone <url> : Create a local copy of remote repo

git remote : To view the remote repo

git push : Push local changes to remote

git pull : Pull remote files to local.

Git cherry-pick

If you only want a specific commit to merge in another branch then you can use it.

git cherry-pick <commit ID>

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