

git cheat sheet

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git: version control technology

github: It provides git service alternatives git bucket, git lab

Commands

mkdir gitVideo	create folder gitVideo
cd gitVideo	change directory to gitVideo
git init	to initialize project or folder with git.
touch index.html app.css	creates index.html and app.css files
git add .	to save every change since last save. i.e adds all modifications to staging area.
git add "filename"	to save changes to a file. i.e adds the modified file into staging area.
git commit -m 'add html and css file'	commits those changes and save them in the memory. i.e takes everything from staging area and makes a permanent snapshot of the current state with a hashcode.
rm	delete file
clear	clear command window
git log	log of changes(date ,author ,commit_hashcode)
git checkout "commit_hashcode"	git gives last saved progress
git remote add origin "link/reponame.git"	to hook the saved progress to the github website
git push -u origin master	to push the hooked progress to the website.
git checkout -b new-branch	creates a new branch named "new-branch"
git branch	shows the branches
git push origin new-branch	push the new branch to github
git pull origin master	pulls the changes from main branch in github to local repository
git status	gives the status of whether branch is up to date with origin/master.

Pull request - are created by those who want a merge.

Merge - It is done by repo owner and they can merge to main branch and send a confirmation.
When add command is used all the files here get saved to staging area.

Git Data Transport Commands

<http://osteele.com>

