Git Cheat Sheet

RHUL ISG CDT

Command	Description	Example
git clone	copy a remote repository	git clone https://github.com/github/docs.git
git status	Shows the status of your repository, including untracked files, updated files	
git add	Add a file / change to the staging area	git add notes.txt
git commit	Saves the added files as the next version of the project	git commit -m 'made some changes'
git push	Synchronises the changes from the local version to the cloud version	
git pull	Get the latest version from the cloud	
git log	List the various commits performed with their respective IDs	git log --graph
git reset --hard	Resets the repo to the latest commit. Does not remove untracked files	
git clean --fd	Removes all untracked files and directories (folders) For ignored files (from .gitignore, see below) add x at the end.	
git checkout	Get a previous version of a file	git checkout a4204f3c notes.txt
git diff	Compare current version of a file against the last committed one	git diff notes.txt
git mv	Rename a file and let git know	git mv notes.txt old-notes.txt
git rm	Remove a file and let git know	git rm old-notes.txt --cache
git stash	Hide changes so you can pull. Use git stash pop to get the old changes back	

Furthermore:

.gitignore	A file to specify what git should ignore: e.g. files that get generated automatically	