

Git Commands

Making a new repo locally

Command	What it means	What it does
<code>git init</code>	git initialize	Start git tracking

Telling git to track a change

Command	What it means	What it does
<code>git add hello.txt</code>	git, add hello.txt to your "stage"	tells git to keep an eye on the <code>hello.txt</code> file
<code>git commit -m "a message"</code>	git, commit these changes as described by this message	tells git to track the changes of the staged files and describes the change made

Handling versions

Command	What it means	What it does
<code>git checkout ____</code>	git, checkout what's in ____	switches us to a parallel universe where our files have a history up to the specified commit or branch
<code>git branch ____</code>	git, make a new branch with the name ____	make a new parallel universe
<code>git merge ____</code>	git, merge ____ into my current version	smashes the ____ universe into our current universe

Putting our code online

Command	What it means	What it does
<code>git remote add origin _____.git</code>	git, add this _____.git address as a remote origin	saves a reference to an online home named <code>origin</code>
<code>git push -u origin master</code>	git, push what you have tracked up as the master for <code>origin</code>	updates our <code>origin</code> online with the later tracked code on <code>master</code>

Asking git for information

Command	What it means	What it does
<code>git status</code>	git, what's your status?	tells us which files have changed since our last commit
<code>git diff</code>	git, tell us what's different	shows us what has changed since our last commit
<code>git log</code>	git, give us a log	shows us a history of our commits
<code>git branch</code>	git, list us branches	show us all the branches we've made and highlights the one we are in

Terminal Commands

Command	What it means	What it does
pwd	print w orking d irectory	Tells us where we are
ls	list	List the things that are in this directory
mkdir	make a d irectory	make a new directory in we are
cd hello	change d irectory	Move into the hello directory
ls -a	list a ll	List all things that are in this directory
explorer .	Open e xplorer	Open file e xplorer for this current directory