

## Useful Bash and Git Commands

Bash/git Command	Info	Most Used - Copy Command Section
<b>cd &lt;path&gt;</b>	Change Directory	cd /Users/ice/Desktop/Work/gitsample
<b>ls &lt;path&gt;</b>	list files in cd or specify path	
<b>Press "i" to type on vim MacOS to insert type into commit</b>	to type advanced commit message	i
<b>press Esc and then type :wq (w for write and q for quit)</b>	to close commit text edit	:wq
<b>git init</b>	first time set up cd folder for git	
<b>git init foldername</b>	set up git at cd in a new folder	
<b>rm -rf .git</b>	remove repository in cd - undo git init	
<b>git add .</b>	add all files to be committed	
<b>git add index.html</b>	add file to be committed	
<b>git commit</b>	commit staged file	
<b>git status</b>	check status	
<b>git log</b>	check log of committed files	
<b>git commit -m "Message"</b>	commit with message	
<b>git commit -m "Title" -m "Description..."</b>	commit with title and description	
<b>git commit -am "Message"</b>	add and commit with message	git commit -am ""
<b>git branch</b>	show branches	
<b>git branch -a</b>	shows both local and remote branches	
<b>git branch branchname</b>	create branch	
<b>git branch -d branchname</b>	deletes branch	
<b>git checkout branchname</b>	change to branch	
<b>git checkout -b branchname</b>	create and switch to branch	
<b>git branch -m branchname new_branchname</b>	rename branch	
<b>git merge branchname</b>	fast forward and merge	merge branches into master from within master
<b>git branch -v</b>	see last commit on all branches	
<b>git branch --merged or --no-merged</b>	filter branch list to see merged or not	
<b>git diff master...contrib</b>	see difference between current topic branch and common ancestor master	
<b>touch .gitignore</b>	create .gitignore file	
<b>vim .gitignore</b>	add rules to .gitignore file	
<b>git remote add origin &lt;URL to GitHub&gt;</b>	Link a local repo to GitHub repo	https://github.com/trevormundt/<repo-name>.git
<b>git push origin &lt;local branch name&gt;:&lt;remote branch name&gt;</b>	Create remote master branch with name (lets you put multiple projects in a repository)	*Need to link local repo with GitHub repo first
<b>git push origin --delete &lt;remote origin name&gt;</b>	remove remote branch	