GIT Tut-tut-tut

A Quick Note: *This tutorial makes the assumption that you have already created a repository on the github.com site. If not, please go back and do that first.*

**Creating a Simple Repository**

1. Connect to GitHub (*ssh –T* [*git@github.com*](mailto:git@github.com))
2. Set up *git config –global user.name “Your Name”*
3. *Git config –global user.email [your email]*
4. Create a directory for your project (*mkdir ~/[project]*)
5. Change to your new project directory using *cd ~/[project]*
6. Use *git init* to make your new project a repository

**Adding and Committing Your Files**

1. Add/Create your files in your new project’s directory
2. Once you have your files use *git add .* to add all files to your commit queue (you can also use *git add [file]* if you want to be specific)
3. Great! Now we can commit our files! Use *git commit –m ‘[message]’* and all of your added files will now be added to your repository!
   1. You can also use *git commit –a –m ‘[message]’* to add and commit all of your modified files
4. If you are using GitHub you can now create a repository online by using *git remote add origin* [*git@github.com:[username]/[directory].git*](mailto:git@github.com:[username]/%5bdirectory%5d.git) and then *git push origin master*

Congratulations! You should now have an existing repository on GitHub. A quick workflow would be this:

*Git commit –a –m ‘[message]’* and then when you are ready to show off your changes use *[git push origin master]*

**Git Commands to Remember**

**mkdir [project]** – makes a directory

**cd [project]** – changes your location to a new directory

**git init** – use after *mkdir* to turn your directory into a git repository

**ssh –T** [**git@github.com**](mailto:git@github.com) – use to connect to github

**git add [file]** – to add a file to your commit

**git commit –m ‘[message]’** – to commit your files

**git commit –a –m ‘[message]’** – to add and commit all of your files

**git push origin master** – to push your changes to your repository on github