# GitHub Introduction

John R Williams and Abel Sanchez, MIT

jrw@mit.edu, abel@mit.edu

#### PS -1 – Setting up your Portfolio Web Site on GitHub



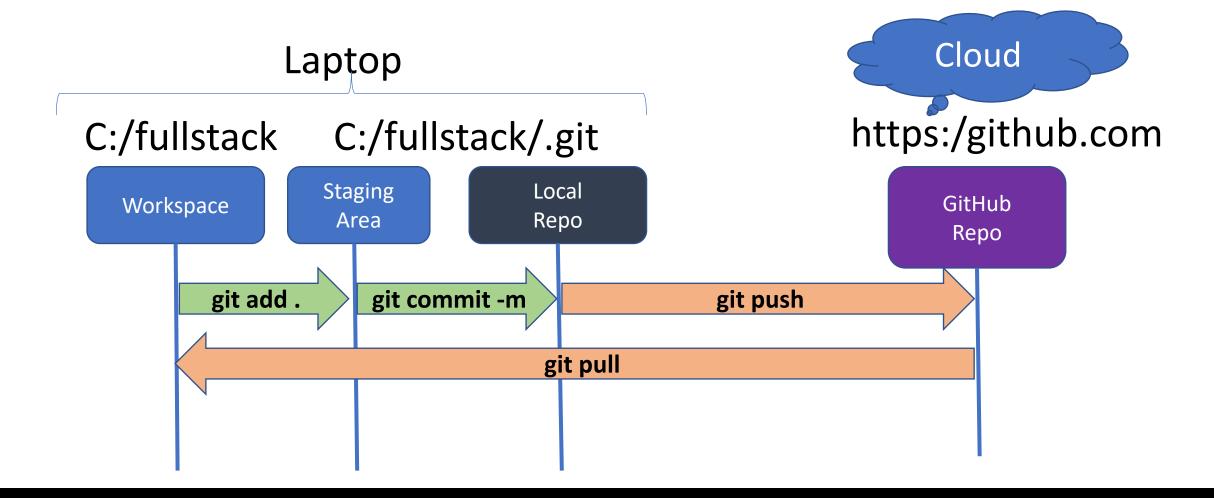
This web site will be your portfolio for assignments. You need to be able to easily update the site so we will use GitHub to host our webpages. However we'd like you to personalize your domain name.

- 1) Develop a demo page on GitHub and clone it to your machine.
  - https://youtu.be/P\_JDIIzFWkM
- Buy a website on Namecheap.com (you can get one for less than \$1). Update it on Namecheap to be served from GitHub. Update it also on GitHub.
  - https://youtu.be/HsvrZv-3-H0

We will put a link to a Google Doc where you can enter your site details.

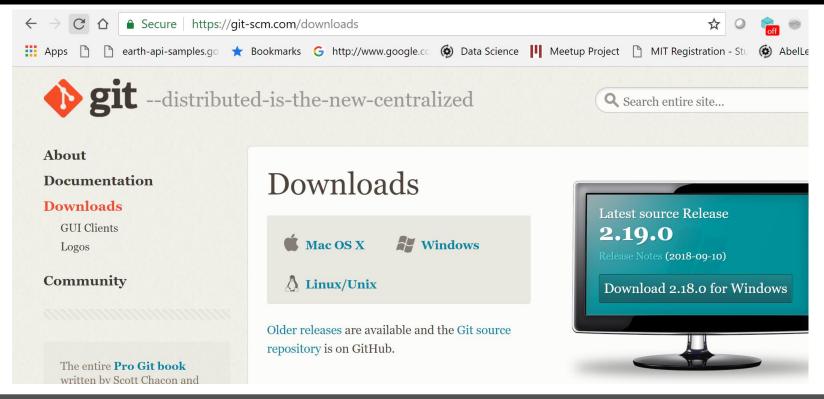


# We will use Git on our laptop to push and pull code from GitHub in the Cloud



#### Get Git for your laptop

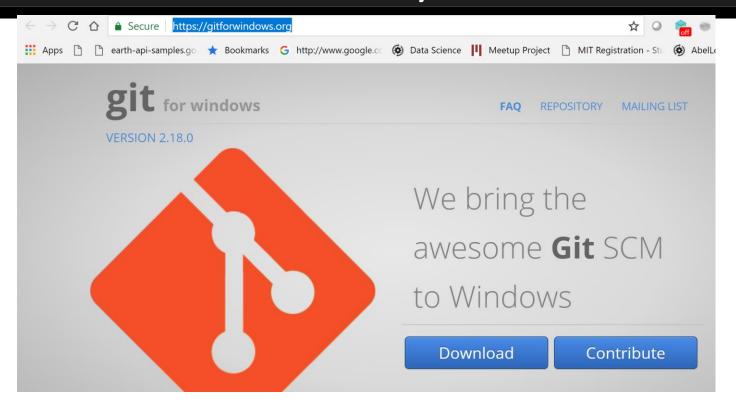




https://git-scm.com/downloads Read this for further instructions https://git-scm.com/book/en/v2/Getting-Started-Installing-Git

#### Windows machines Only – Install Git-Bash





https://gitforwindows.org
Git bash is a "silly" name. Its simply a command line window that we use for issuing git commands

## PKI Keys for GitHub



ssh-keygen -t rsa -b 4096 -C "emailaddres@gmail.com" DO NOT GIVE IT A PASSPHRASE

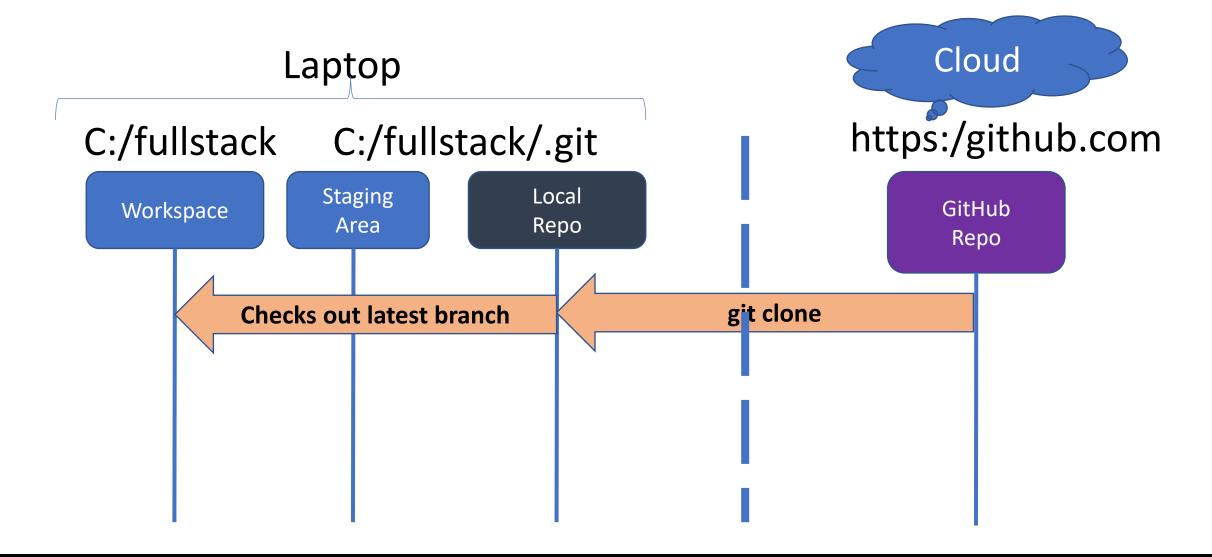
eval \$(ssh-agent -s)

Agent pid 59566

ssh-add ~/.ssh/git4

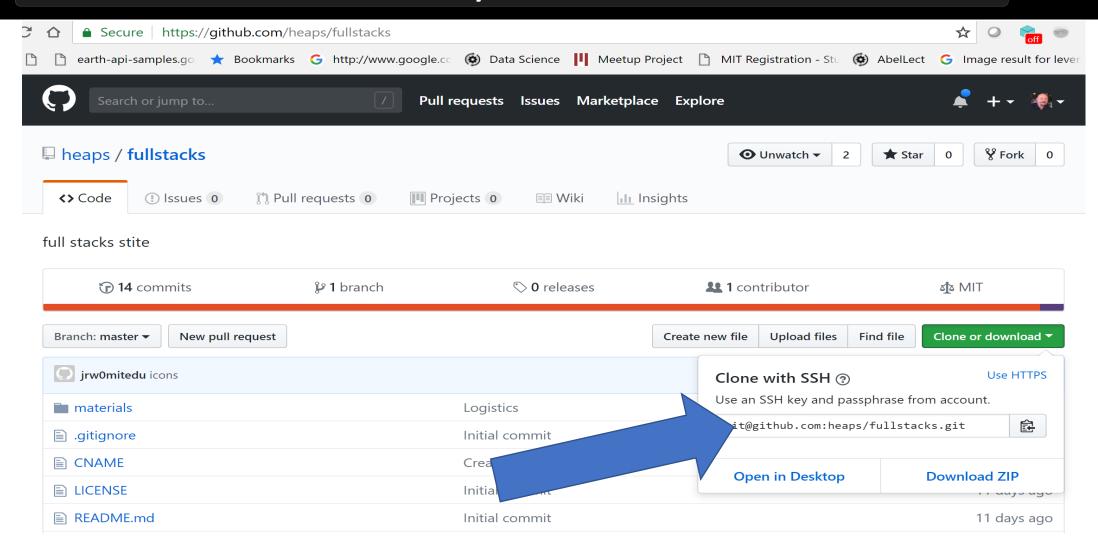
#### Clone Remote Directory onto Local Machine





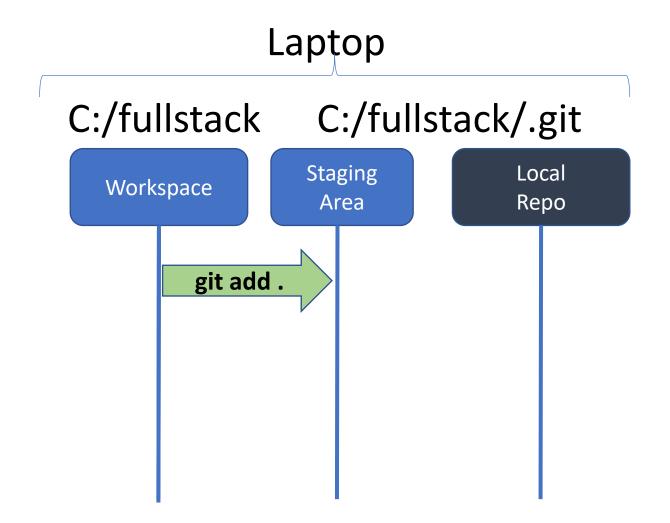
#### Clone Remote Directory





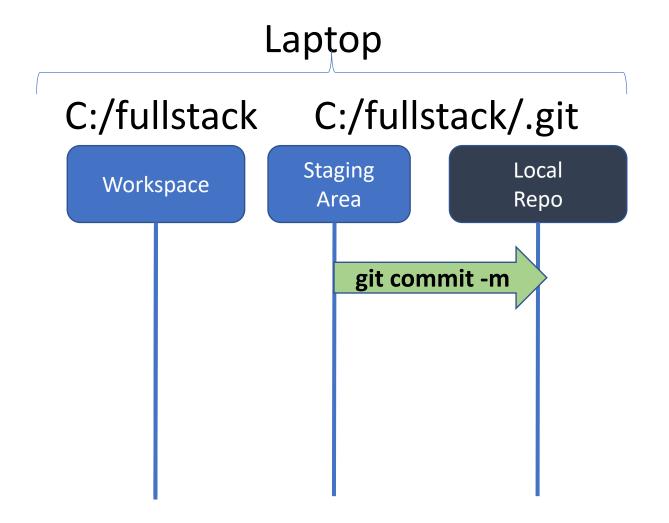
# git add. (stage all the files in the workspace)





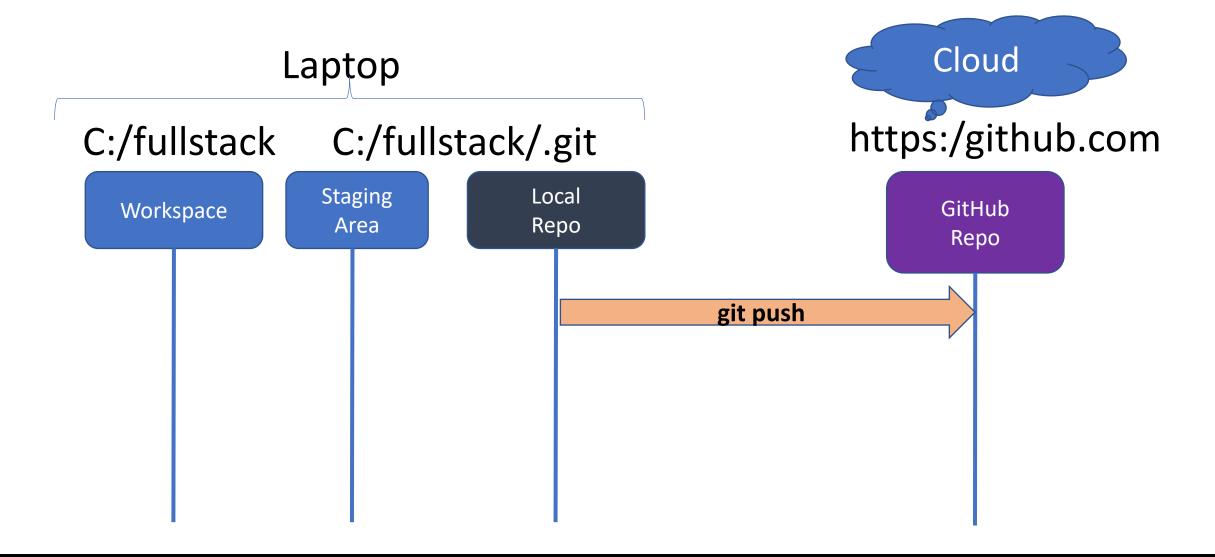
# git commit -m 'mystart files'





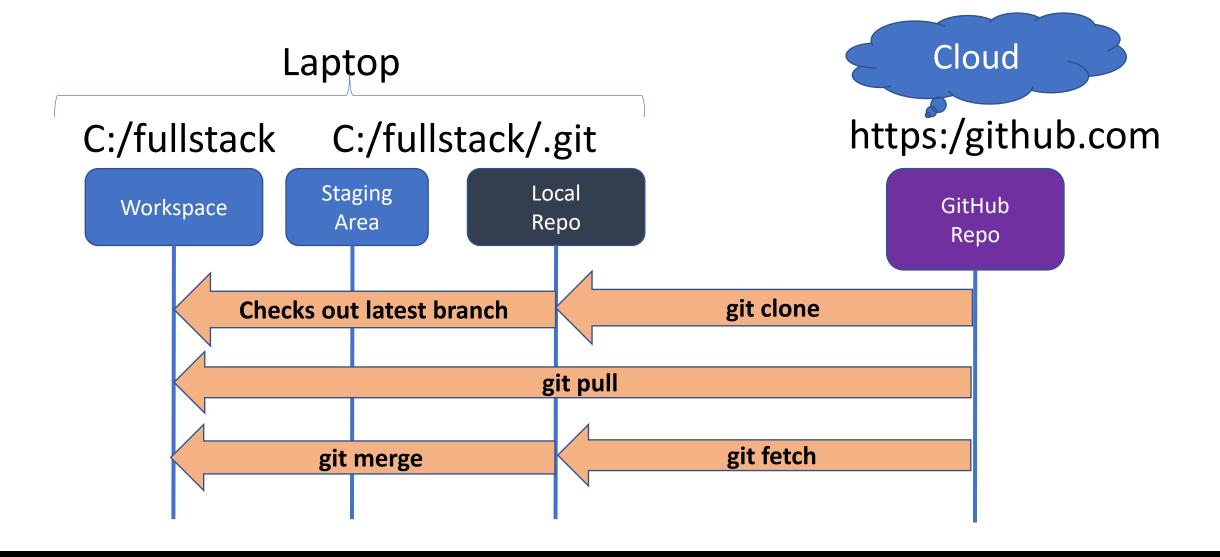
## git push



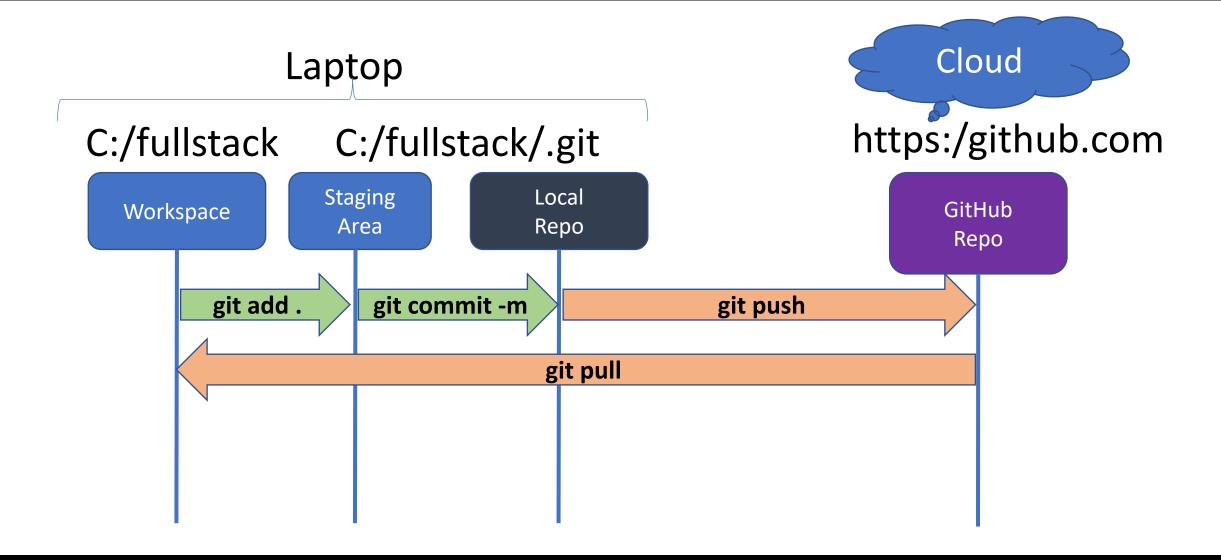


# Other useful git commands



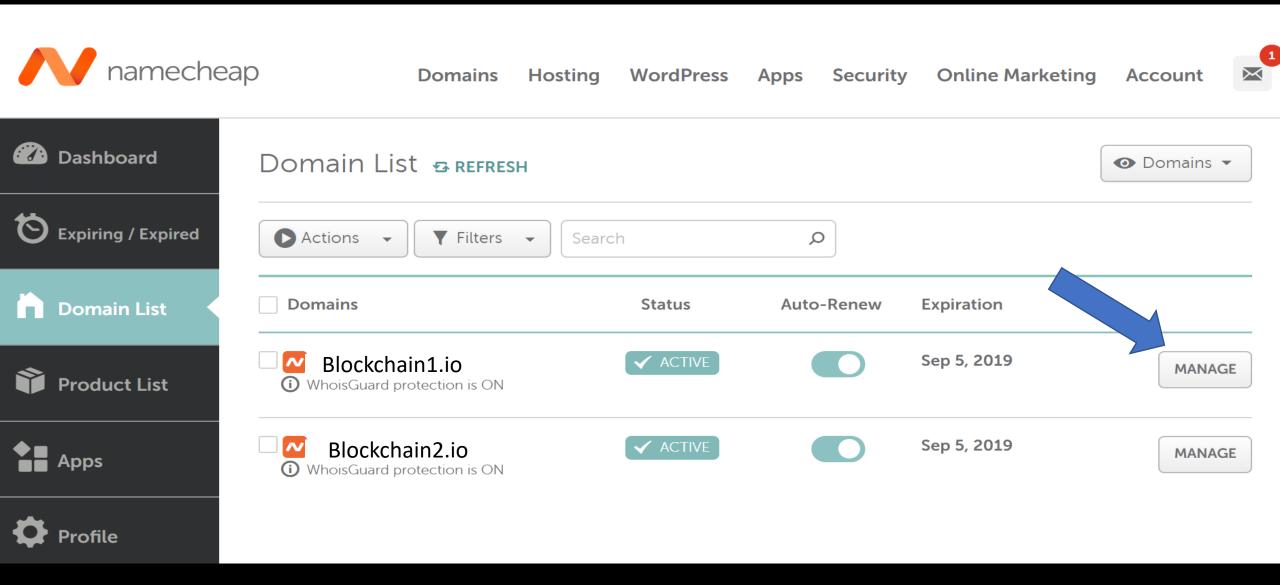






# namecheap.com









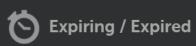
Domains Hosting WordPress Apps Security Online Marketing Account





Dashboard

**Domains** → **Details** 

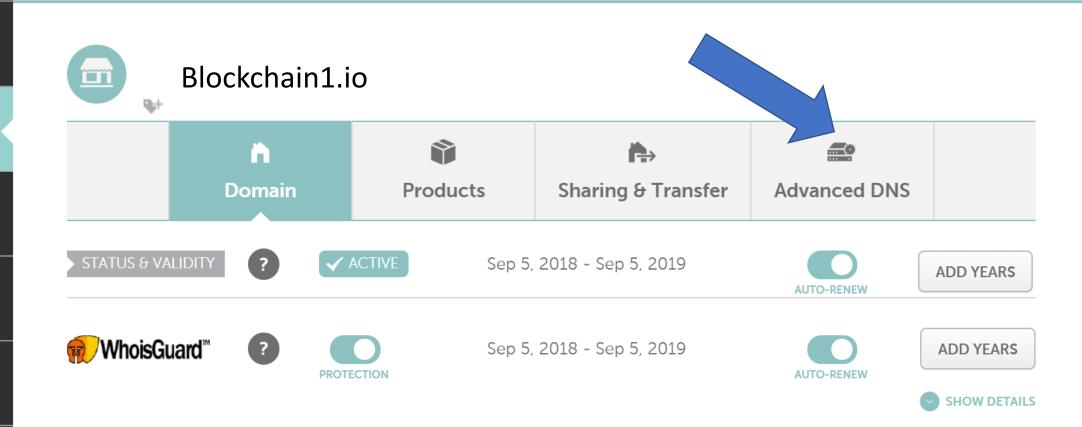














Туре	Host	Value	TTL
A Record	@	185.199.111.153	Automatic
A Record	<b>@</b>	185.199.108.153	60 min
A Record	<b>@</b>	185.199.109.153	60 min
ADD NEW RECORD			

























#### Hello World



