

Introduction to GitHub



PS -1. Setting up your Portfolio Web Site on GitHub

This website 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.
See walkthrough video
2. 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.

Click on the image to visit the video



PKI Keys for GitHub

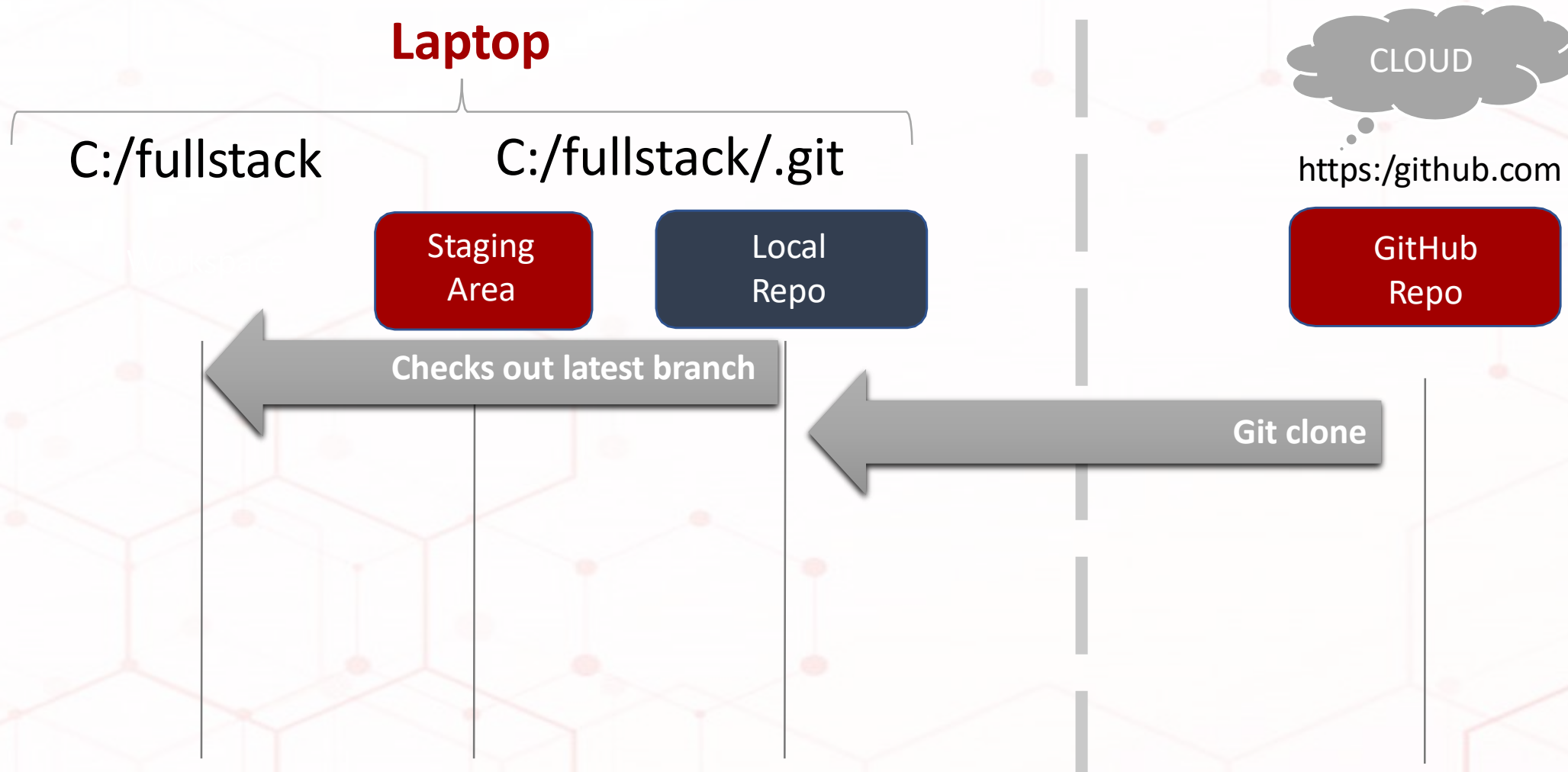
```
ssh-keygen -t rsa -b 4096 -C "emailaddress@gmail.com"
```

DO NOT GIVE IT A PASSPHRASE

```
eval $(ssh-agent -s) Agent pid 59566 ssh-add
```

```
ssh-add ~/.ssh/git4
```

Clone Remote Directory onto Local Machine



Clone Remote Directory

The screenshot shows the GitHub interface for the repository 'heaps / fullstacks'. The repository has 14 commits, 1 branch, 0 releases, 1 contributor, and is associated with MIT. The 'Clone or download' dropdown menu is open, showing the 'Clone with SSH' option selected, which provides the SSH URL: `git@github.com:heaps/fullstacks.git`. A red arrow points to this URL. Other options in the dropdown include 'Use HTTPS' and 'Download ZIP'. The repository files list includes 'icons', 'materials', '.gitignore', 'CNAME', 'LICENSE', and 'README.md'.

Secure | <https://github.com/heaps/fullstacks>

Search or jump to... / Pull requests Issues Marketplace Explore

heaps / fullstacks

Unwatch 2 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights

full stacks stite

14 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

Clone with SSH Use HTTPS

Use an SSH key and passphrase from account.

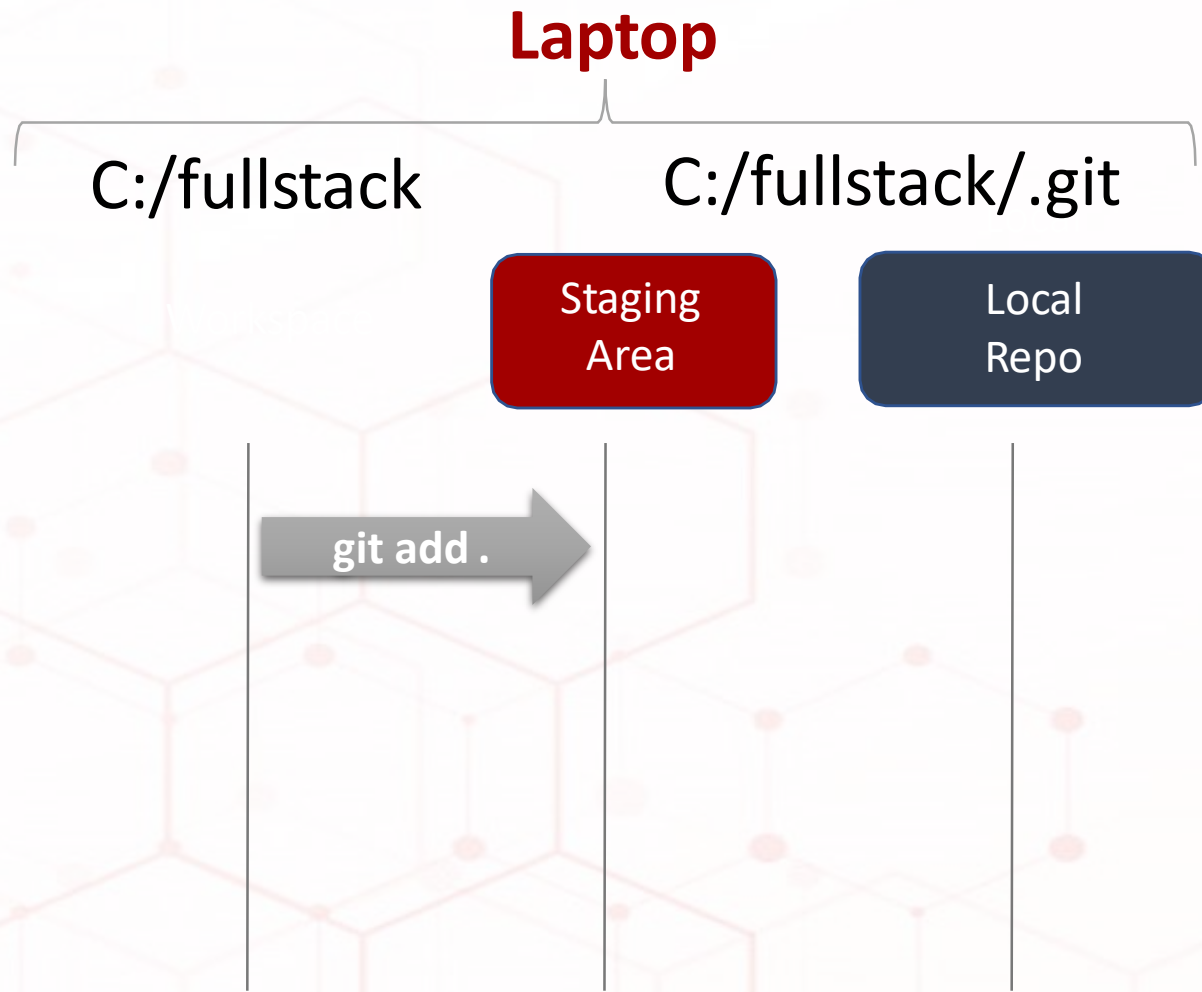
`git@github.com:heaps/fullstacks.git`

Open in Desktop Download ZIP

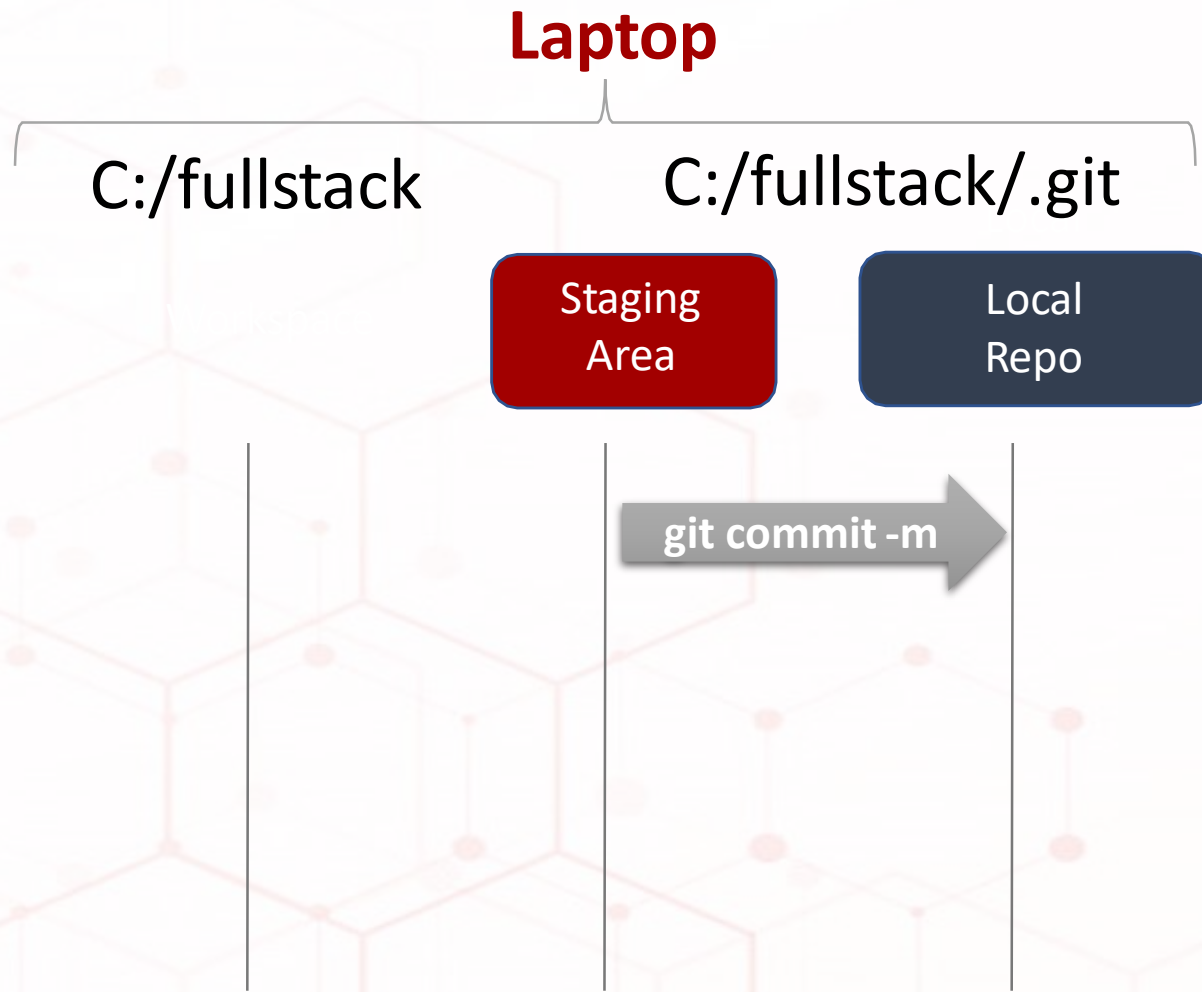
jrwo0mitedu icons

materials	Logistics
.gitignore	Initial commit
CNAME	Create CNAME
LICENSE	Initial commit
README.md	Initial commit

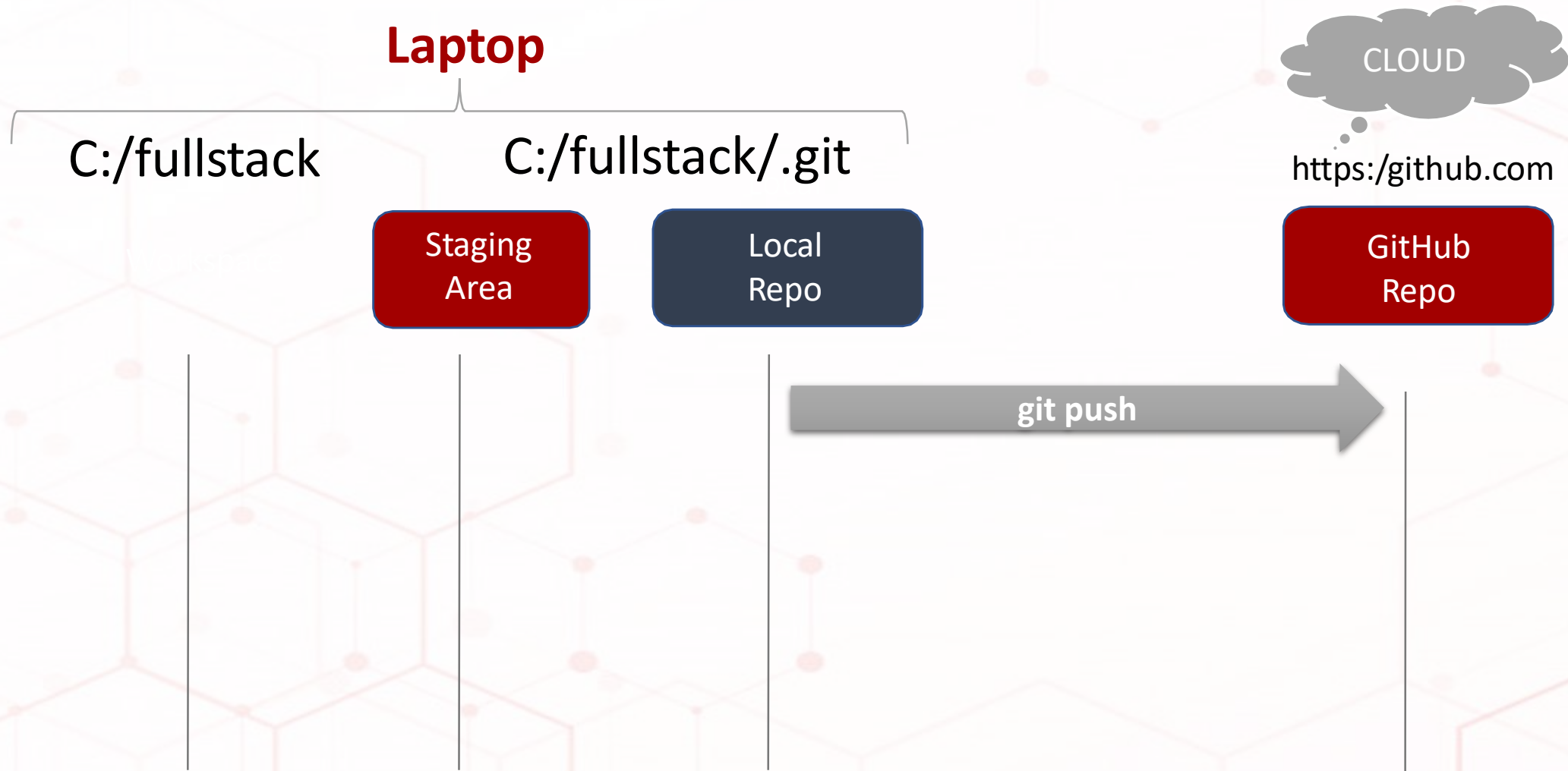
`git add.` (stage all the files in the workspace)



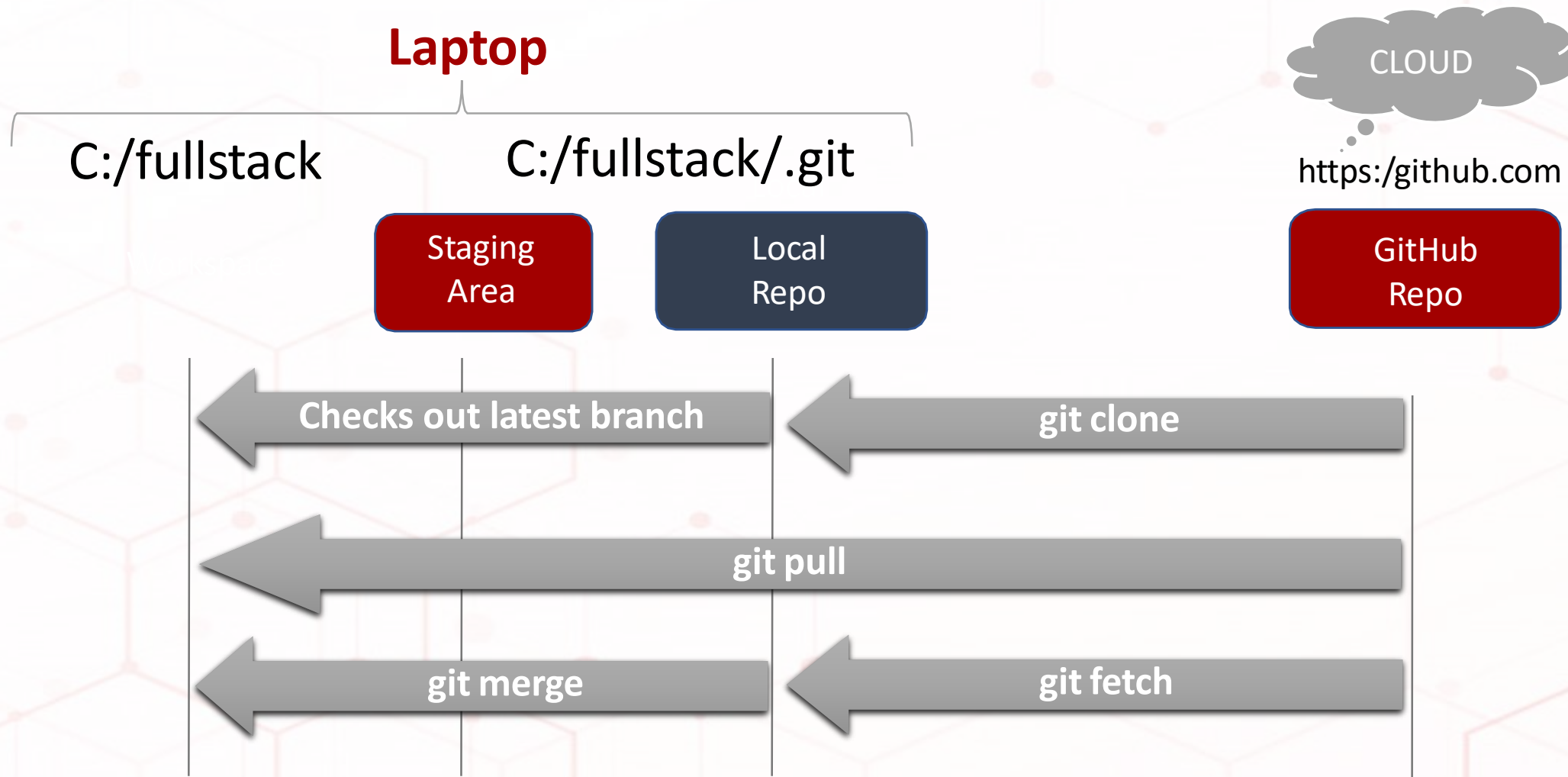
git commit -m 'mystart files'



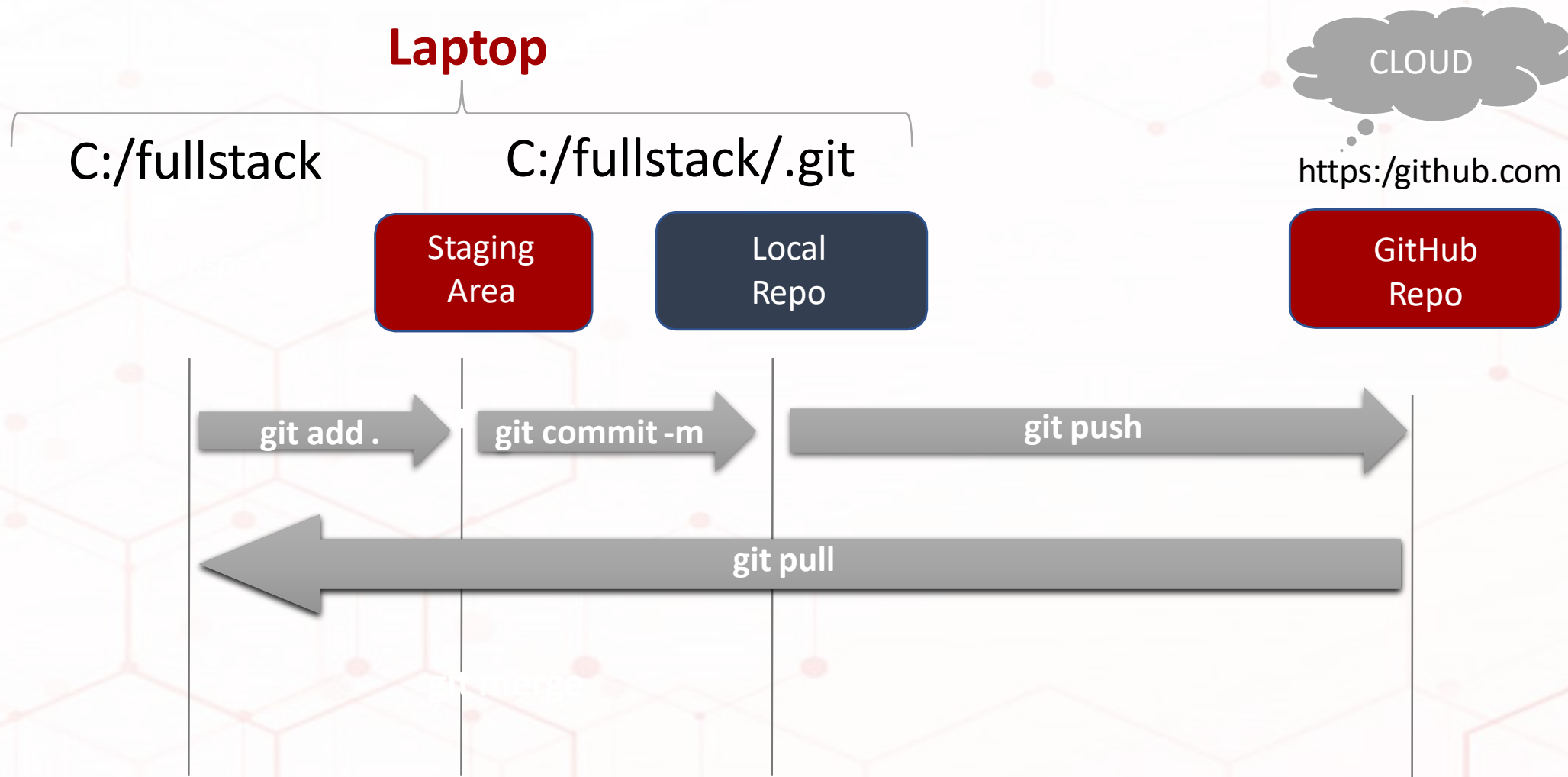
git push



Other useful git commands



Other useful git commands



namecheap.com

The screenshot shows the Namecheap website dashboard. The top navigation bar includes links for Domains, Hosting, WordPress, Apps, Security, Online Marketing, and Account. A notification icon with a red '1' is in the top right. The left sidebar contains links for Dashboard, Expiring / Expired, Domain List (highlighted), Product List, Apps, and Profile. The main content area is titled 'Domain List' with a 'REFRESH' button. Below this are controls for Actions, Filters, and a search bar. A table lists domains with columns for Domains, Status, Auto-Renew, and Expiration. Two domains are listed: Blockchain1.io and Blockchain2.io, both with 'ACTIVE' status and 'Sep 5, 2019' expiration. A red arrow points to the 'MANAGE' button for Blockchain1.io.

namecheap

Domains Hosting WordPress Apps Security Online Marketing Account

Dashboard

Expiring / Expired

Domain List

Product List

Apps

Profile


Domain List [REFRESH](#)


Domains


Actions Filters Search


<input type="checkbox"/> Domains	Status	Auto-Renew	Expiration	
<input type="checkbox"/> Blockchain1.io <small>WhoisGuard protection is ON</small>	✓ ACTIVE	<input checked="" type="checkbox"/>	Sep 5, 2019	MANAGE
<input type="checkbox"/> Blockchain2.io <small>WhoisGuard protection is ON</small>	✓ ACTIVE	<input checked="" type="checkbox"/>	Sep 5, 2019	MANAGE


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 Dashboard

 Expiring / Expired


 Domain List

 Product List


 Apps


 Profile


Domains → Details




Blockchain1.io

 Domain

 Products

 Sharing & Transfer

 Advanced DNS

STATUS & VALIDITY

?


✓ ACTIVE

Sep 5, 2018 - Sep 5, 2019

☒

AUTO-RENEW

ADD YEARS

 WhoisGuard™

?

☒

PROTECTION

Sep 5, 2018 - Sep 5, 2019





☒

AUTO-RENEW

ADD YEARS

SHOW DETAILS

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<input type="checkbox"/>	Type	Host	Value	TTL	
<input type="checkbox"/>	A Record	@	185.199.111.153	Automatic	
<input type="checkbox"/>	A Record	@	185.199.108.153	60 min	
<input type="checkbox"/>	A Record	@	185.199.109.153	60 min	
<input type="checkbox"/>	CNAME Record	www	jr0mitedu.github.io.	60 min	
<div> ADD NEW RECORD</div>					



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