

git

...

git is not github

**Have you ever worked
on a group project?**

What did you like/hate?

Introducing: version control

What is git?

- Git is version control
- Version control is history log of changes
- Each changeset is a diff of what changed

```
commit 8cb11a6d40489523409e8f4b7012e4bcce74cead
```

```
Author: Patrick O'Connor <patrick.oconnor@generalassemb.ly>
```

```
Date: Mon Nov 2 17:08:12 2015 -0800
```

```
Add week 0 files
```

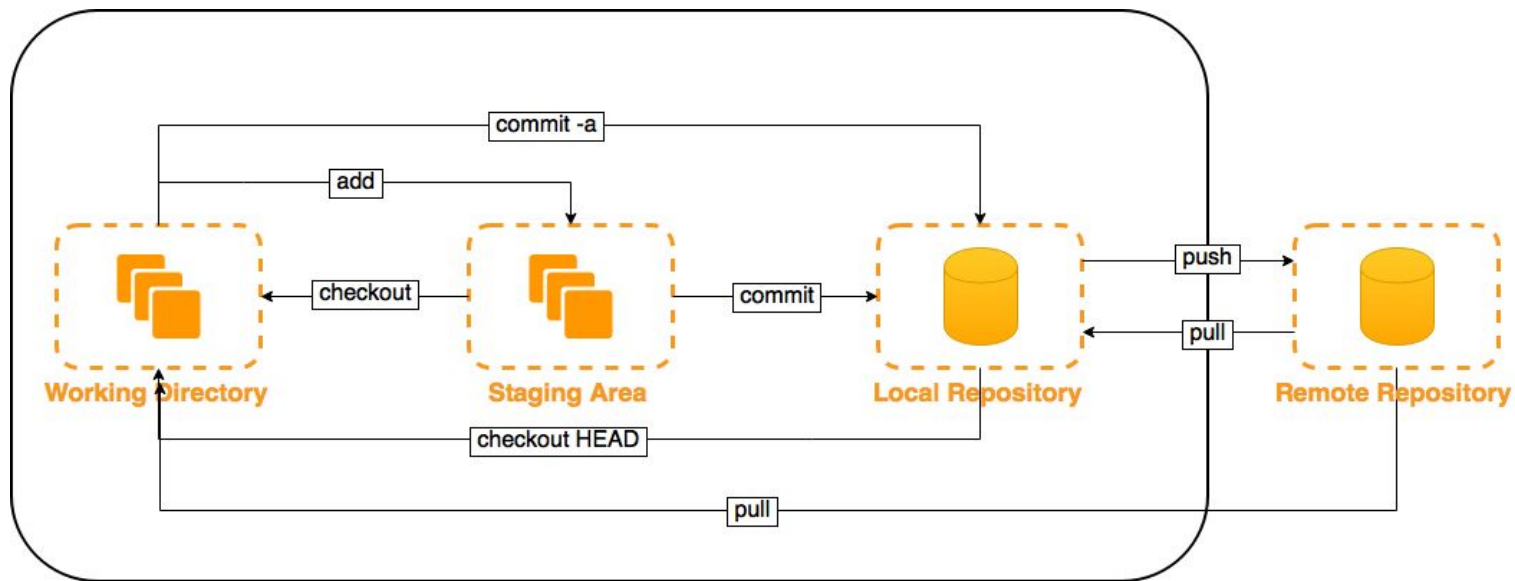
```
commit 528df8e0dca6688f98e9ef2952532d310267ae5b
```

```
Author: Patrick O'Connor <patrick.oconnor@generalassemb.ly>
```

```
Date: Mon Nov 2 14:30:04 2015 -0800
```

```
update README.md
```

How git works



Home Directory

Where code goes to live

```
→ ~ cd ~/
```

```
→ ~ pwd
```

```
/Users/generalassembly
```

```
→ ~ mkdir Code
```

```
→ ~ ls
```

Applications
Downloads
Pictures

Code
Library
Public

Desktop
Movies

Documents
Music

Fork and clone



How to make your own personal copy of the git repository.

bit.ly/WDI_SEA_05

Project Directory

Keep your code organized by
week/day and project

```
→ ~ cd Code  
  
→ ~ git clone WDI_SEA_05_Homework.git  
  
→ Code mkdir RobertShea0 && cd RobertShea0  
  
→ RobertShea0 mkdir week01 && cd week01  
  
→ week01 mkdir day01 && cd day01  
  
→ day01 mkdir project_git && cd project_git  
  
→ project_git touch my_contact.txt  
  
→ project_git subl my_contact.txt
```


Project Directory

Keep your code organized by
week/day and project

```
→ ~ cd Code

→ ~ git clone WDI_SEA_05_Homework.git

→ Code mkdir RobertShea0 && cd RobertShea0

→ RobertShea0 mkdir week01 && cd week01

→ week01 mkdir day01 && cd day01

→ day01 mkdir project_git && cd project_git

→ project_git touch my_contact.txt

→ project_git subl my_contact.txt
```