

# INTRODUCCIÓN A GIT & GITHUB





HELLO!

# I am Kim Noel

## GitHub Campus Expert



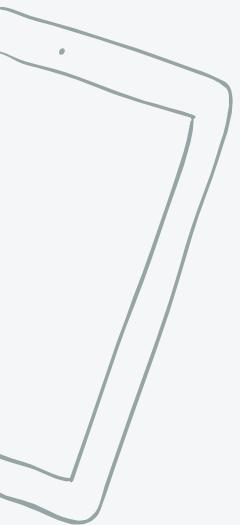
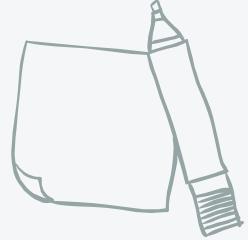
@NoelKM



kim-codes



[kimcodes@gmail.com](mailto:kimcodes@gmail.com)



WHY ?





*Git is a software tool that  
helps a software team  
manage changes made to  
their source code.*



# IT KEEPS TRACK OF OUR CHANGES



# IT KEEPS TRACK OF OUR CHANGES

- Modifications

# IT KEEPS TRACK OF OUR CHANGES

- Modifications
- Deletions

# IT KEEPS TRACK OF OUR CHANGES

- Modifications
- Deletions
- Additions

# IT KEEPS TRACK OF OUR CHANGES

- Modifications
- Deletions
- Additions
- And more!



# IT HELPS DEVELOPERS COLLABORATE

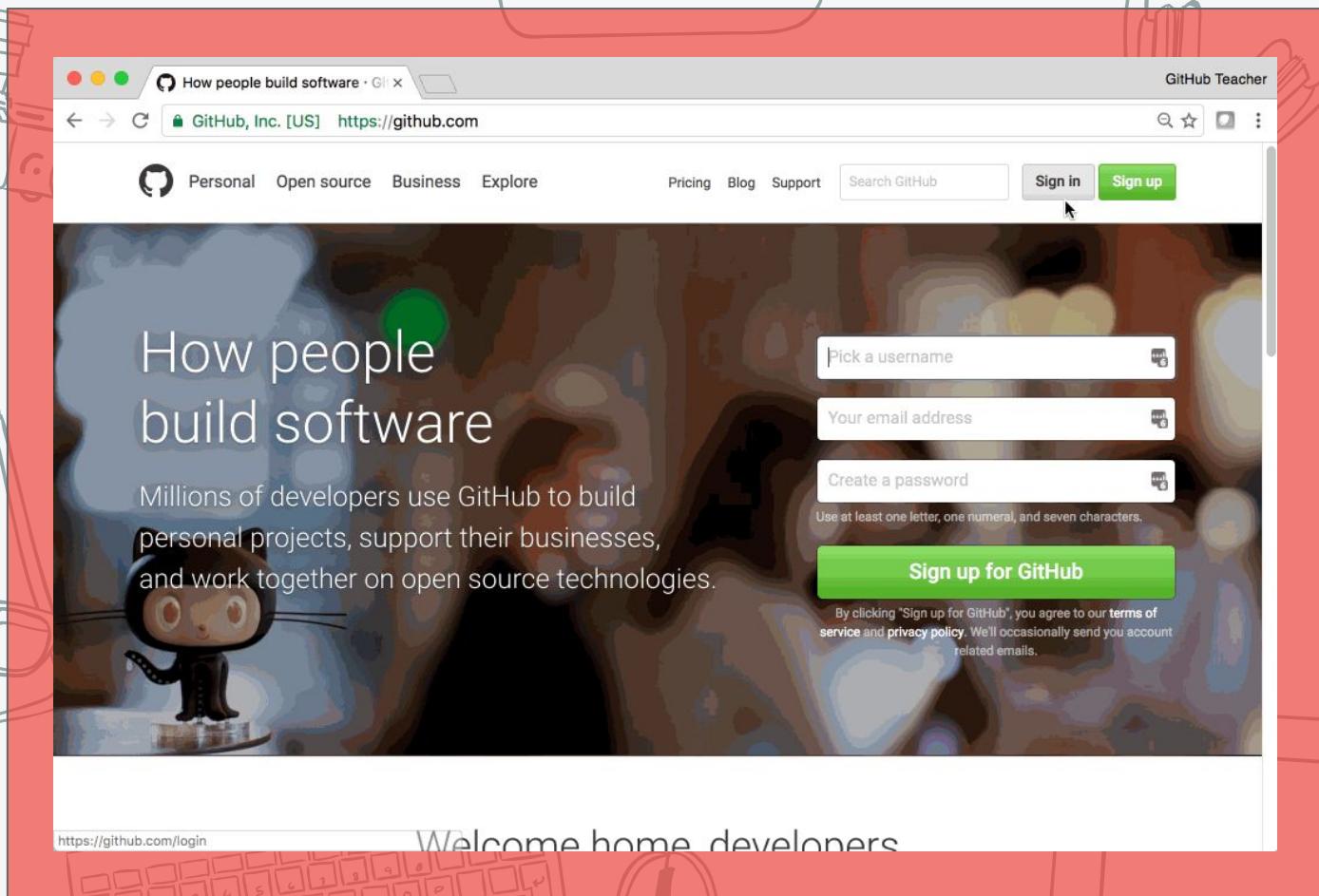
*GitHub is a company that provides a service to host your code and integrates with Git (git commands).*



MAKE AN ACCOUNT

github.com

MacBook Air



Welcome home, developers



# HTTPS://GITHUB.COM/KIM-CODES/COLOMBIA40-WORKSHOP

kim-codes / colombia40-workshop

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Settings Insights

This is a repository for Col4.0 workshop

Add topics

1 commit 1 branch 0 releases 1 contributor

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

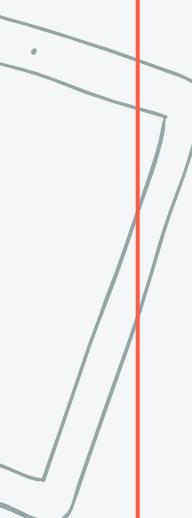
kim-codes committed on GitHub Initial commit Latest commit e6d75bc 32 seconds ago

README.md Initial commit 32 seconds ago

README.md

## colombia40-workshop

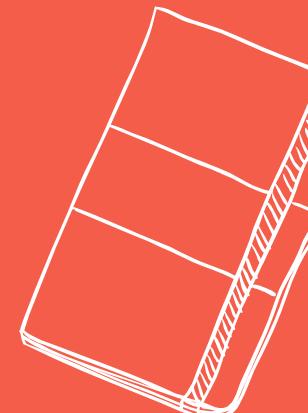
This is a repository for Col4.0 workshop





# THIS IS A REPOSITORY

A repository is your project.  
It is a container that holds everything.



This repository

Pull requests Issues Gist

**githubschool / open-enrollment-classes-introduction-to-github**

Code Issues 4 Pull requests 4 Projects 0 Wiki Pulse Graphs Settings

Filters is:issue is:open Labels Milestones New issue

① 4 Open ✓ 1,336 Closed

Please add me to the class #3053 opened an hour ago by RichardSpano

learning #3051 opened 2 hours ago by montysagar

trying to enroll #3037 opened 16 hours ago by JHerrickII

new #3036 opened 16 hours ago by JHerrickII

ProTip! What's not been updated in a month: updated:<2016-12-23.

© 2017 GitHub, Inc. Terms Privacy Security Status Help Report bug Contact GitHub API Training Shop Blog About

Waiting for github.com...

A screenshot of a GitHub repository page for "kim-codes / colombia40-workshop". The repository has 0 issues, 0 pull requests, 0 projects, and 0 wiki pages. The "Issues" tab is selected. On the right, there are fields for "Assignees" (No one—assign yourself), "Labels" (None yet), "Projects" (None yet), and "Milestone" (No milestone). A green "Submit new issue" button is at the bottom right. The main area contains a title input field, a rich text editor toolbar, a comment input field, and a file attachment section.

kim-codes / colombia40-workshop

Code Issues 0 Pull requests 0 Projects 0 Wiki Settings Insights

Title

Write Preview

Leave a comment

Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.

Styling with Markdown is supported

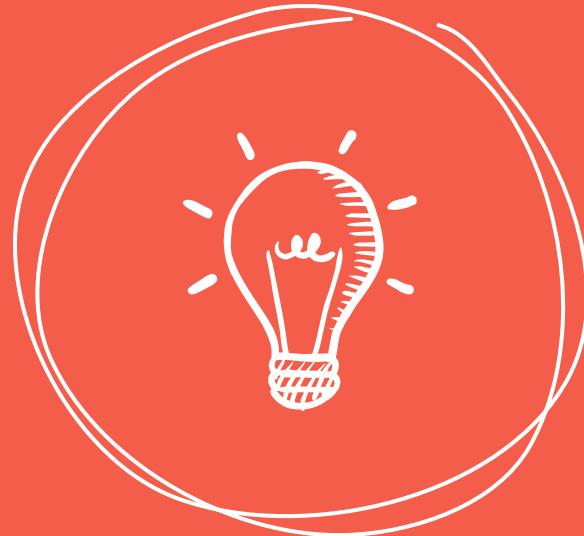
Submit new issue

Assignees  
No one—assign yourself

Labels  
None yet

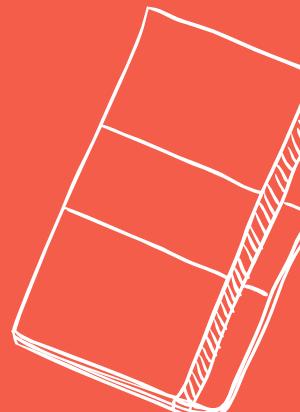
Projects  
None yet

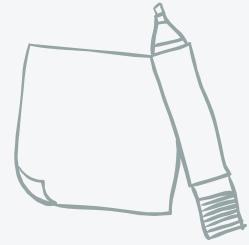
Milestone  
No milestone



# THIS IS AN ISSUE

Issues are to keep a record of something.  
This could be to discuss an idea, a task, a  
bug, an enhancement, and much more.





# GIVE YOUR ISSUE A TITLE

A red-bordered window with a white interior. At the top left is a blue rectangular input field labeled "Title". Below it are three buttons: "Write" (gray), "Preview" (light blue), and a "AA ▾ R i" button (light blue). The window is surrounded by various line drawings: a pipe on the left, a keyboard at the bottom, a watch on the left edge, a stack of papers on the right edge, and a calculator at the bottom center.

Title

Write Preview AA ▾ R i





# ADD A DESCRIPTION

Write

Preview

AA▼ B i

Leave a comment



## EXAMPLE

- Request to add my favorite video to the list of information.
- Adding my favorite movie to share with other contributors.



Now we need a  
space to work.

# CREATE A BRANCH

This is a repository for Col4.0 workshop

Add topics

1 commit      1 branch

Branch: master ▾      New pull request

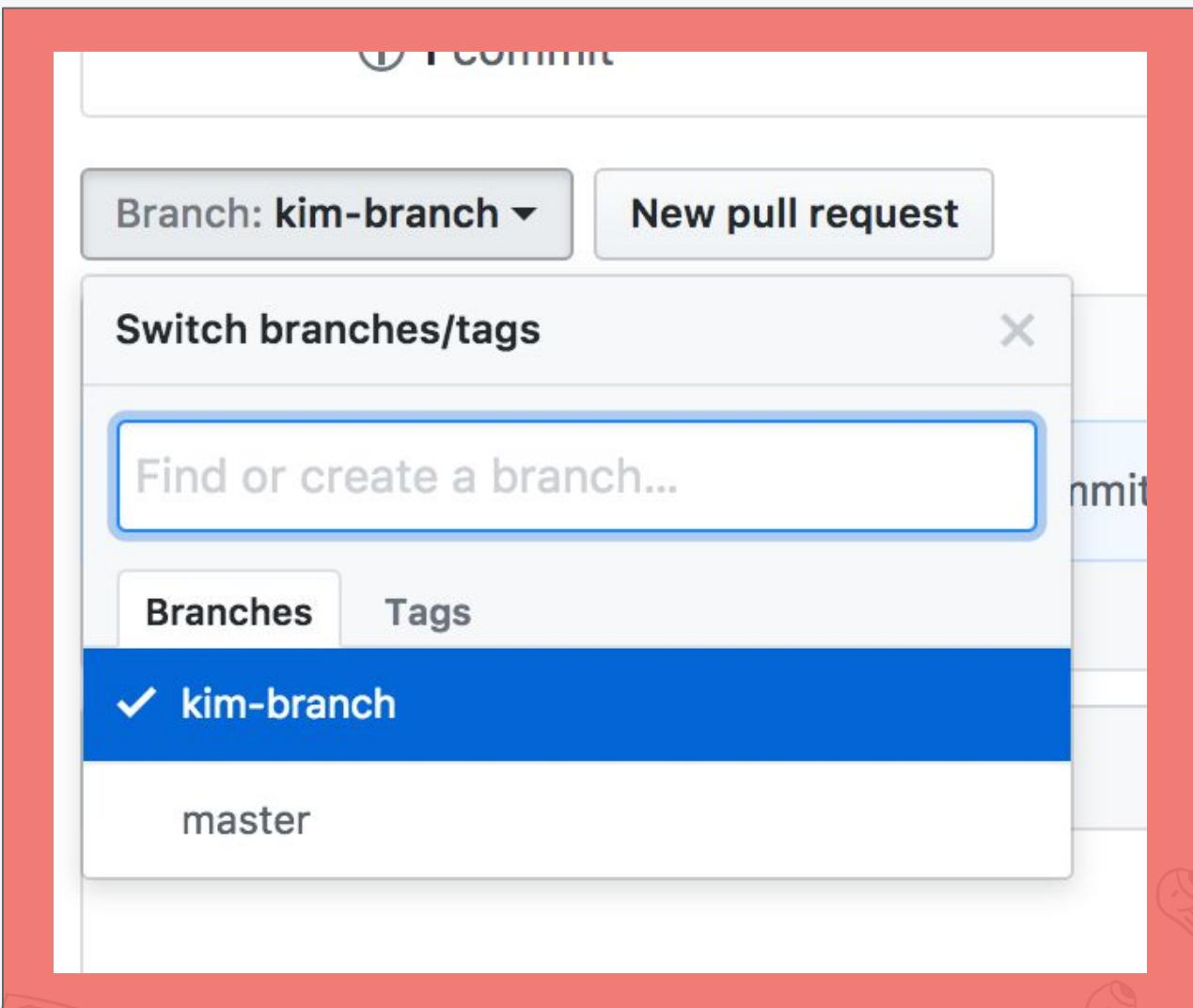
Switch branches/tags X

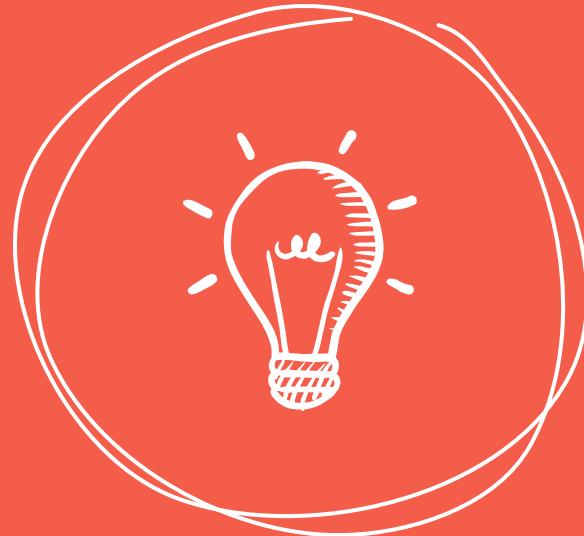
kim-branch

Branches Tags

Create branch: kim-branch  
from 'master'

The image shows a GitHub repository interface with a red overlay highlighting the 'Create branch' process. The main header says 'CREATE A BRANCH'. Below it, the repository description is 'This is a repository for Col4.0 workshop'. There are sections for 'Issues 0', 'Pull requests 0', and 'Projects 0'. The commit count is '1 commit' and the branch count is '1 branch'. A dropdown menu shows 'Branch: master ▾' and a 'New pull request' button. A modal window titled 'Switch branches/tags' has 'kim-branch' selected. It includes tabs for 'Branches' and 'Tags', and a large blue button at the bottom labeled 'Create branch: kim-branch from 'master''. The background shows a light gray illustration of office supplies like a keyboard, a bottle, a pen, a smartphone, a coffee cup, and a notepad.





# THIS IS A BRANCH

Branches allow us to separate our work from the ‘main’ branch, usually called the master branch. We can work without affecting others.



# CREATE A NEW FILE

A screenshot of a GitHub repository page for a branch named "kim-branch". The page shows 1 commit, 2 branches, 0 releases, and 1 contributor. A red arrow points from the left towards the "Create new file" button, which is highlighted with a red circle. The "Create new file" button is located in the top right corner of the main repository area. Other buttons visible include "Upload files", "Find file", and "Clone or download". The repository contains a single file named "README.md" with two commits. The latest commit was made 2 hours ago.

1 commit    2 branches    0 releases    1 contributor

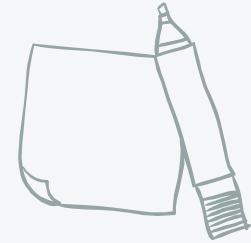
Branch: kim-branch ▾    New pull request

This branch is even with master.

kim-codes committed on GitHub Initial commit

README.md    Initial commit    2 hours ago

README.md



# EDIT OUR NEW FILE

Code

Issues 0

Pull requests 0

Projects 0

Wiki

colombia40-workshop /

Name your file...

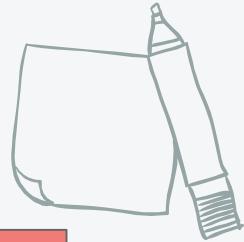
or cancel

Edit new file

Preview

1





# SAVE OUR WORK



## Commit new file

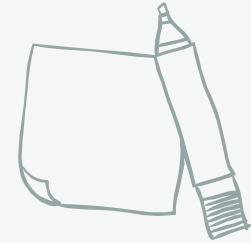
Create new file

Add an optional extended description...

- ⚡ Commit directly to the `kim-branch` branch.
- 🚧 Create a **new branch** for this commit and start a pull request.

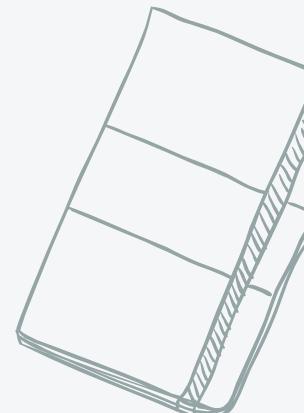
**Commit new file**

**Cancel**



# RULES FOR YOUR SAVE MESSAGES

- Do not end the ‘title’ information with a period.
- Keep the ‘title’ 50 characters or less. Short and sweet! :) Anything more can be included in the description.
- Convention is to write in the present so Add instead of *Added*





# THIS IS A COMMIT

A commit is when you made a change to your work (in your space) and you want to mark this. By doing so, we can keep track of all changes, in this case an addition.





Now we are done  
working and ready  
to add our work to  
the ‘main’ branch  
(master).

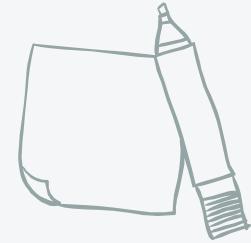
Issues 0 Pull requests 0 Projects 0 Wiki Settings Insights ▾

is:pr is:open Labels Milestones

New pull request

Welcome to Pull Requests!

requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).



# COMPARE BASE TO OUR BRANCH

## Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare a branch against a commit.



base: master ▾

...

compare: master ▾

**There isn't anything to compare.**

You'll need to use two different branch names to get a valid comparison.

Check out some of these sample comparisons.



# COMPARE BASE TO OUR BRANCH

## Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base: master ... compare: kim-branch ✓ Able to merge. These branches can be automatically merged.

**Create pull request** Discuss or review the changes in this comparison with others.

- 1 commit

1 file changed

0 commit comments

1 contributor

0f39f7c

Commits on Sep 22, 2017

kim-codes

Add kim-favorite-movie.md ...

Showing 1 changed file with 3 additions and 0 deletions.

Unified Split

3 kim-favorite-movid.md

... @@ -0,0 +1,3 @@

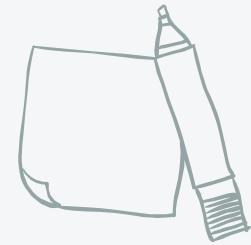
1 +## Favorite Movie  
2 +  
3 +<p>one of my favorite movies is Breakfast Club</p>





# THIS IS A PULL REQUEST

A pull request is a way of signaling that you want to include your changes into the project. It addresses an issue.



# Open a pull request

Create a new pull request by comparing changes across two branches.



base: master ▾

...

compare: kim-branch ▾

✓ Able to merge



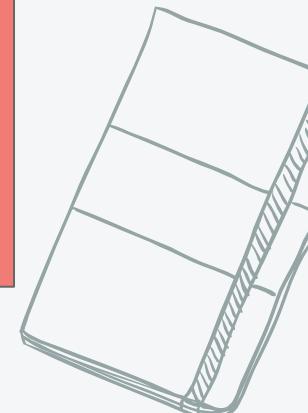
Title

Write

Preview

AA ▾

Leave a comment



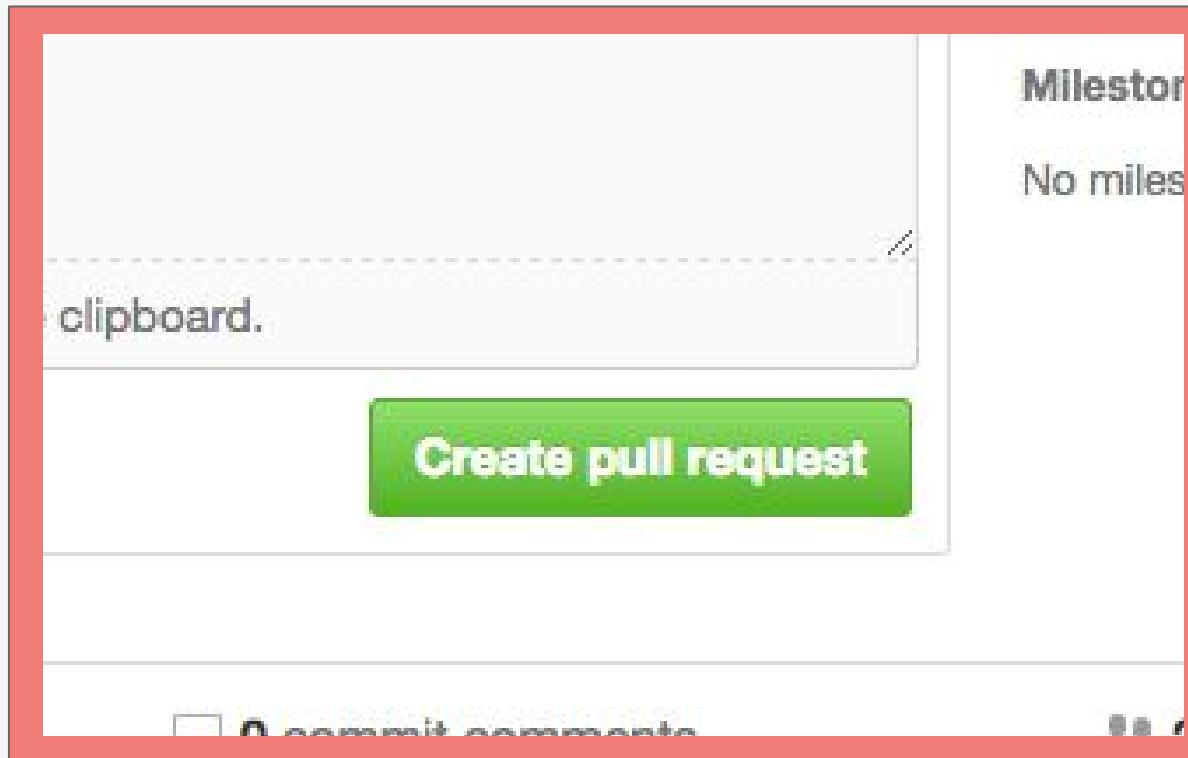
# GOOD PRACTICE

- Reference the issue you are addressing.

# GOOD PRACTICE

- Reference the issue you are addressing.

# SUBMIT YOUR PULL REQUEST



# Markdown



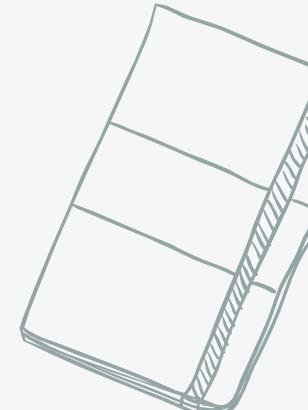
# Markdown is a way to style text.

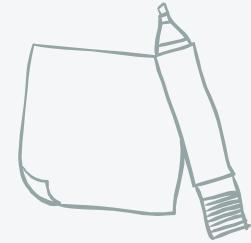


Write Preview

[Leave a comment](#)

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.





# QUICK MARKDOWN

- #, ##, ###, #####, #####, ##### these change the size of the text called headers
- **bold** or **bold**
- *italics* or *italics*
- (logo name)[<http://url.com>] images
- > Block quotes
- `code here` inline code



**Let's go back to our  
space and use  
markdown to style  
our text.**



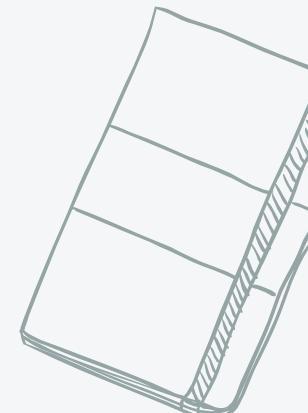
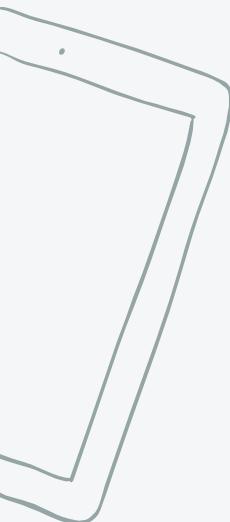
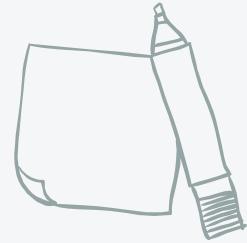
# COMMITS THAT HAPPEN AFTER.... OUR PULL REQUEST GETS UPDATED!

The screenshot shows a GitHub pull request interface with a red border. At the top, there are three tabs: 'Conversation 0', 'Commits 23', and 'Files changed 8'. Below the tabs, a comment from a user named 'tyke' is shown, stating 'commented just now' with the note 'No description provided.' To the right of the comment are a smiley face emoji and a pencil icon.

Below the comment, a list of 13 commits is displayed, each with a small profile picture, the author's name, a brief description, and the commit hash:

- temporary fix 098c626
- prepop name 556f40b
- short ssn fix, formatted input logs d7094a9
- Merge branch 'develop' of [REDACTED] into de... a72d35b
- validation fixes, temp data persistence, trying android formatted input 838d196
- there is hope.... f152823
- removed console logs, verification fixes, mixpanel google auth, defau... 2d0c55b
- correct caller id (#128) 0d56c7b
- Fix IE 11 addresses (#127) a50f496







WE USED GITHUB,  
WHAT ABOUT GIT?



## 1.1 · Got 15 minutes and want to learn Git?

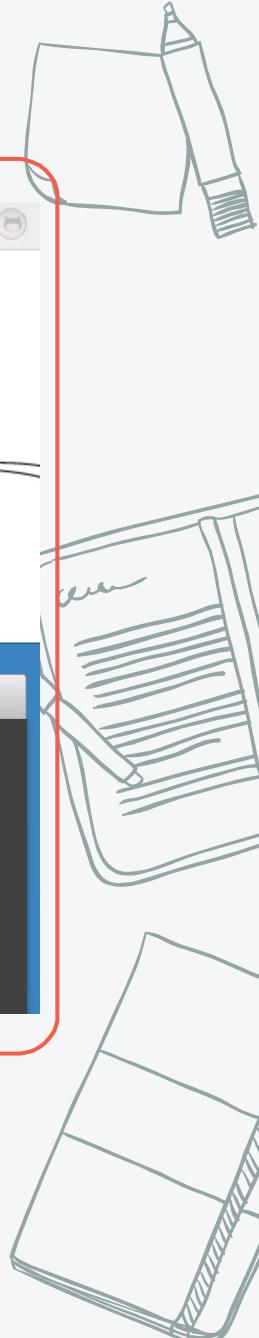
Git allows groups of people to work on the same documents (often code) at the same time, and without stepping on each other's toes. It's a distributed version control system.

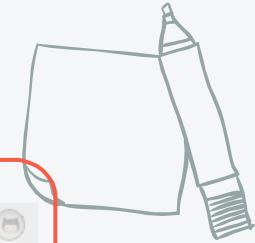
Our terminal prompt below is currently in a directory we decided to name "octobox". To initialize a Git repository here, type the following command:

git init

A screenshot of a terminal window titled "TryGit—969x310". The window has a blue header bar. Inside, the text "Press enter to submit commands" is displayed at the top, followed by a single greater-than sign (>) on a new line, indicating where input should be entered.

The tryGit logo, which features a stylized black cat head with large white eyes and a smiling mouth. The word "tryGit" is written in a blue, sans-serif font to the right of the cat's head.





## 1.1 · Got 15 minutes and want to learn Git?

Git allows groups of people to work on the same documents (often code) at the same time, and without stepping on each other's toes. It's a distributed version control system.

Our terminal prompt below is currently in a directory we decided to name "octobox". To initialize a Git repository here, type the following command:

git init

tryGit



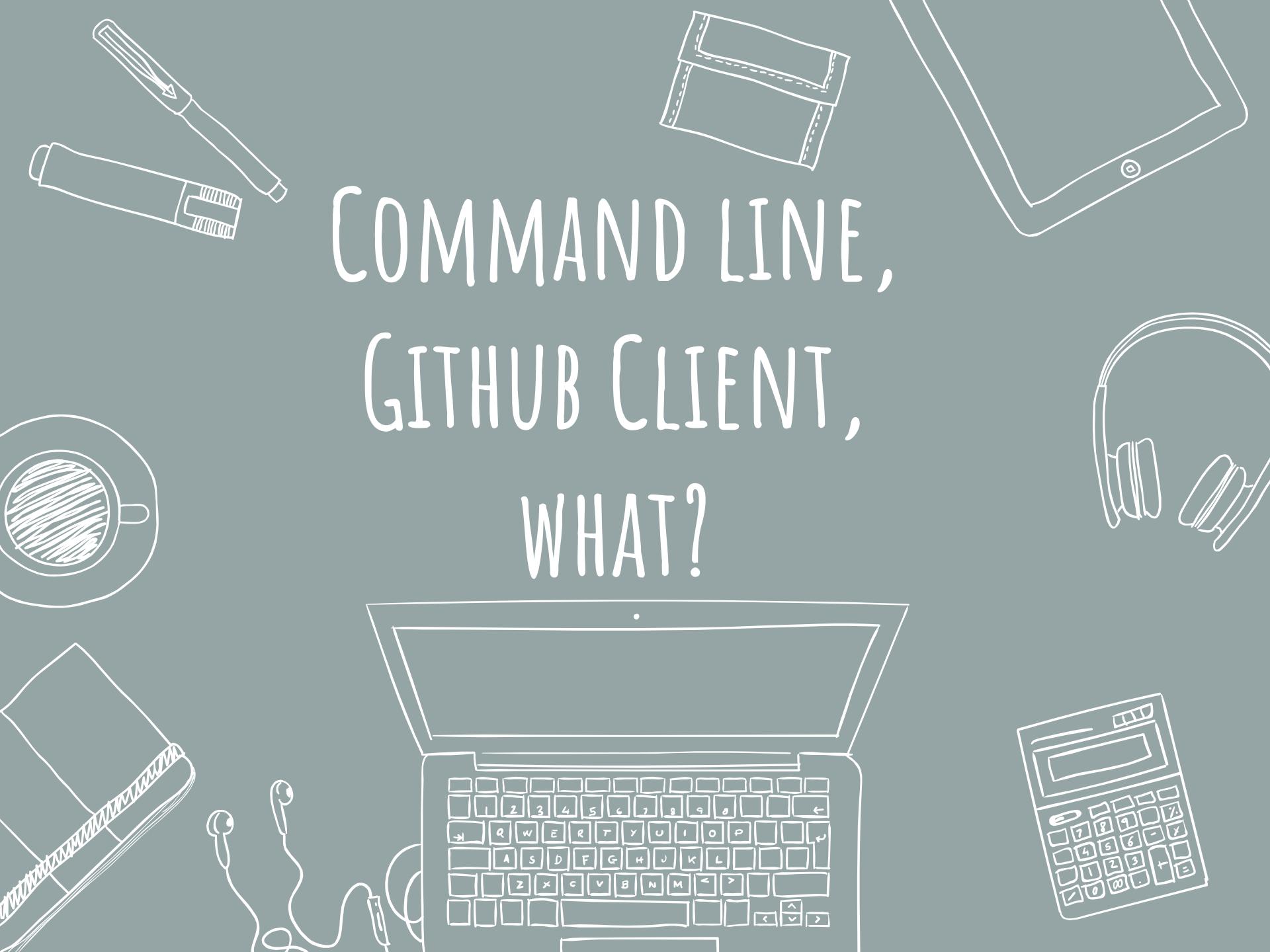
TryGit—969x310

Press enter to submit commands

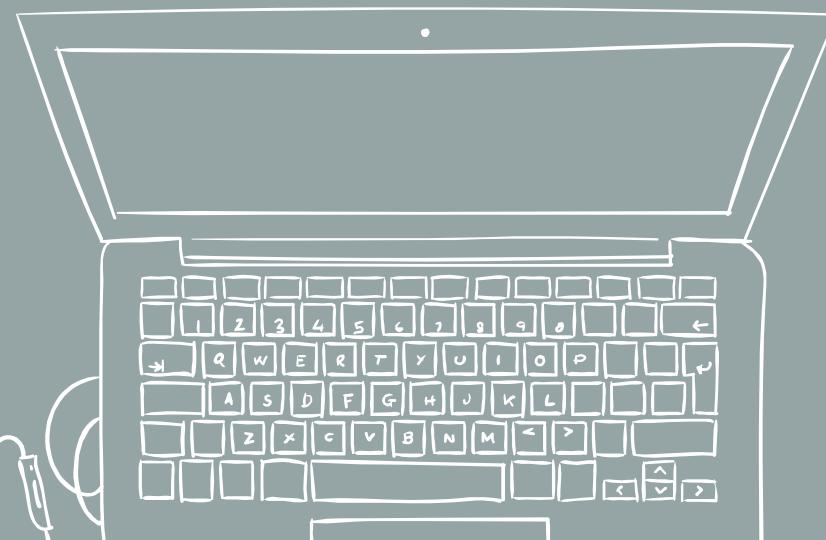
>

**https://try.github.io**





COMMAND LINE,  
GITHUB CLIENT,  
WHAT?



```
$ git pull

remote: Counting objects: 216, done.
remote: Total 78 (delta 23), reused 34 (delta 9)
Receiving objects: 100% (78/78), 45.34 KiB, done.

Hey! You know what any of that means? You don't? How about this:

Resolving deltas: 100% (23/23), completed with 23 local objects.
From githib.com:phreaky/beammeup
 * [new branch]      DoSomeMore    -> origin/DoSomeMore
   76ef09a..4f7865d  ShakeIt.m    -> origin/Shakeit.m
 + eac56a3..bf6c107  master       -> origin/master

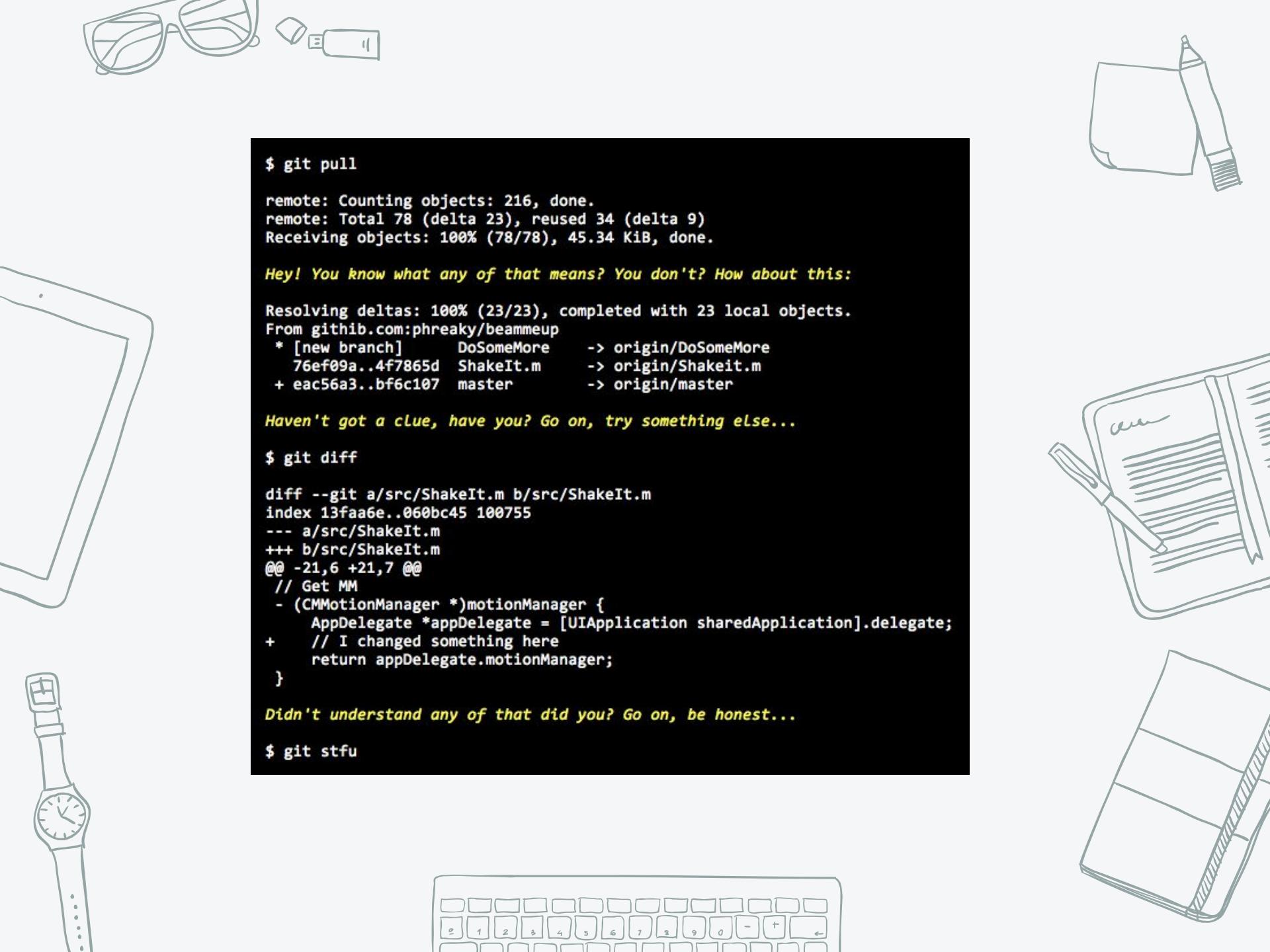
Haven't got a clue, have you? Go on, try something else...

$ git diff

diff --git a/src/ShakeIt.m b/src/ShakeIt.m
index 13faa6e..060bc45 100755
--- a/src/ShakeIt.m
+++ b/src/ShakeIt.m
@@ -21,6 +21,7 @@
 // Get MM
 - (CMMotionManager *)motionManager {
     AppDelegate *appDelegate = [UIApplication sharedApplication].delegate;
+ // I changed something here
     return appDelegate.motionManager;
 }

Didn't understand any of that did you? Go on, be honest...

$ git stfu
```



A screenshot of a GitHub desktop application window. The window title is "Current repository desktop". The current branch is "progress-reporting". There is a "Publish branch" button. The main area shows a diff of a file named "app/src/ui/app.tsx". The diff highlights changes made between line 956 and 969. The changes include:

```
@@ -956,6 +956,8 @@ export class App extends React.Component<IAppProps, IAppState> {
 956   956
 957   957
 958   958
 959 + 959 const state = selection.state
 960 + 960 const remoteName = state.remote ? state.remote.name : null
 961 + 961 const progress = state.pushProgress || state.pullProgress
 962 + 962
 963 + 963 return <PushPullButton
 964 + 964   dispatcher={this.props.dispatcher}
 965 + 965   repository={selection.repository}
 966 - 966   progress={state.pushProgress}
 967 + 967   progress={progress}
 968 + 968 >
 969 + 969 }
 970 + 970 }
```

Below the diff, there are buttons for "Show progress in toolbar" and "Commit to progress-reporting".

GitKraken

hellotrip.visualstudio.com dev

Viewing 87/87 Show All

LOCAL (17/17) REMOTE (35/35) origin (35/35)

v2.8.2

r2.6 v2.6.3 Documentation\_ExternalAPI Cleanup\_SourceCleanup Fea...

Commit: 4fdae53d85bc1fc4a498fec4331ef0fc Parent: c445e36859a47ca66477ca2468bebe2 Author: Jochen van Wylick <jochenvanwylick> Author Date: January 7th 2016, 12:04 pm

Reverted slider changes - in order to restore performance on the filter sliders

Related Work Items: #1290

0 added 0 deleted 2 modified Ignore white space

Sources/HT Web Platform/Projects/HT.Web.Frontend... Sources/HT Web Platform/Projects/HT.Web.Frontend...

Provide Feedback

# COOL PROJECTS

Git and GitHub can be used for  
more than code!

[HTTPS://GITHUB.COM/FRABCUS/HOUSE/ISSUES/53](https://github.com/frabcus/house/issues/53)

frabcus / house

Code Issues 17 Pull requests 0 Projects 0 Insights

No handle on door of bedroom 3 #53

Closed mwainwright opened this issue on May 24, 2012 · 9 comments

 mwainwright commented on May 24, 2012

The almost-attic room has no handle on the door. It would be simple to add a handle and would prevent someone getting locked in the room - quite easy at the moment as the sprung latch is working fine.

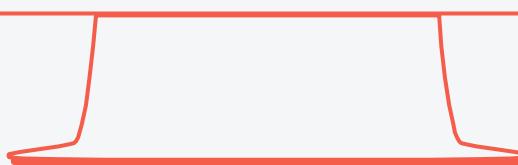
Tags: building.

 frabcus commented on May 24, 2012

Owner



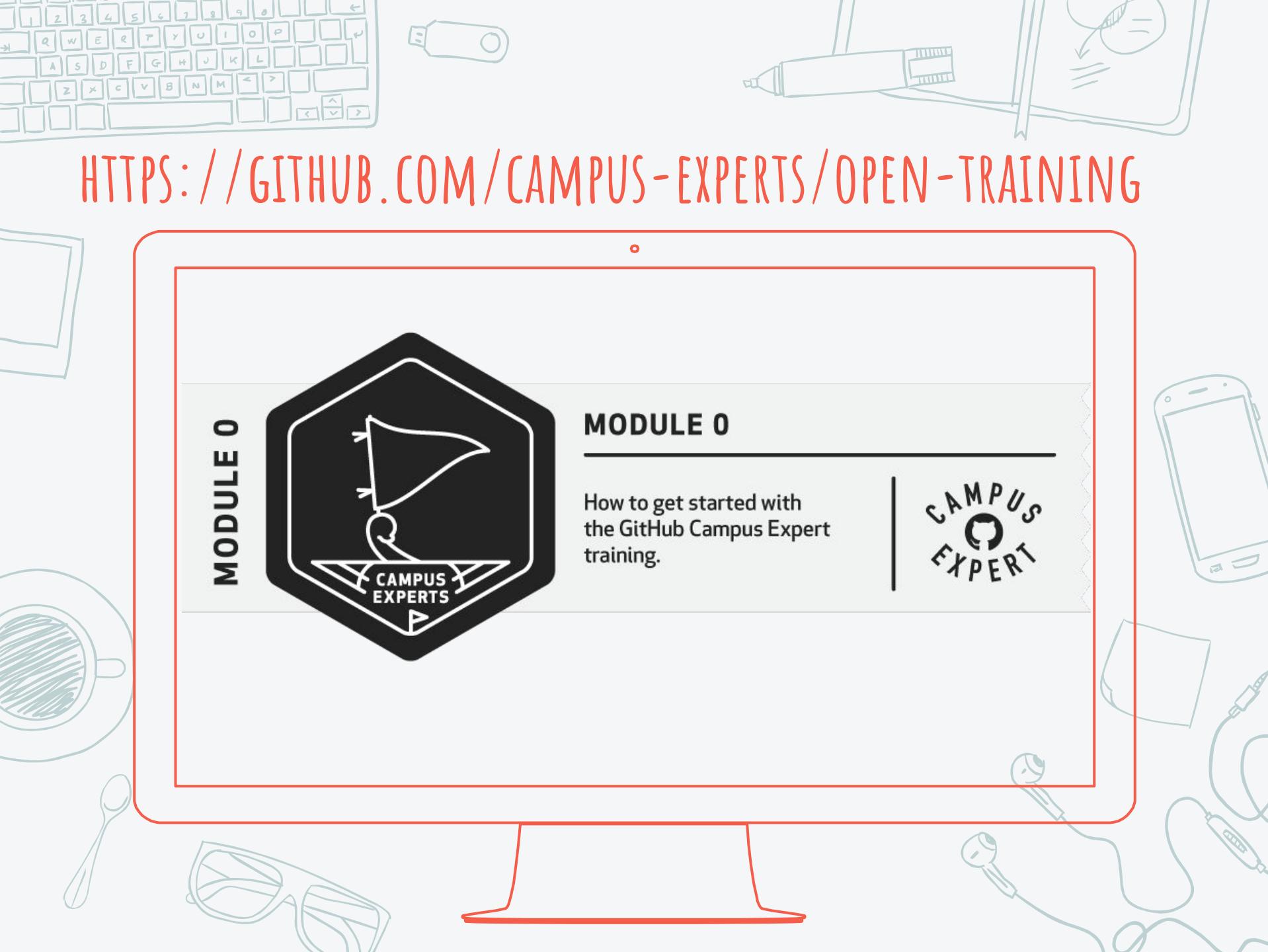
[HTTPS://GITHUB.COM/SINDRESORHUS/AWESOME](https://github.com/sindresorhus/awesome)



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)



**GitHub**  
Campus Experts



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 0**



**MODULE 0**

How to get started with  
the GitHub Campus Expert  
training.

CAMPUS  
EXPERT

[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 4**



**WORKSHOP DEVELOPMENT**

How GitHub teaches GitHub,  
and how to apply those  
techniques to your workshops.



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 5**



## TECHNICAL WRITING

What technical writing means  
and how GitHub designs  
content.



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 8**



## GRAPHQL

A hands-on workshop on  
GraphQL APIs & clients.



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

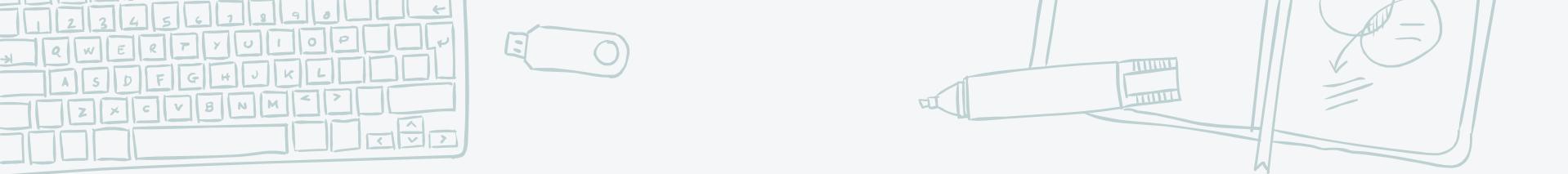
**MODULE 9**



**HUBOT**

What is chatops, and  
why Hubot is the best  
GitHub employee.

CAMPUS  
EXPERT



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 10**



## OPEN SOURCE CLUBS

A framework for helping students succeed in open source at your school.



[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 13**



**ATOM**

Learn how to build a plugin for Atom, and supercharge your developer tools.



About – ~/Cumulus – Atom

File Edit View Selection Find Packages Help

Cumulus

- lib
- Licenses
- plugins
- qml
- components.xml
- Cumulus
- Cumulus-local.db
- cumulus.svg
- InstallationLog.txt
- maintenancetool
- maintenancetool.dat
- maintenancetool.ini
- network.xml

Telemetry Consent   Welcome   components.xml   Welcome Guide   About

```
1 <Packages>
2   <ApplicationName>Cumulus</ApplicationName>
3   <ApplicationVersion>1.0.0</ApplicationVersion>
4   <Package>
5     <Name>CumulusPackage.Cumulus</Name>
6     <Pixmap></Pixmap>
7     <Title>Cumulus</Title>
8     <Description>Based on Stormcloud, forked from Typhoon an
9     </Description>
10    <Version>3.0.2</Version>
11    <LastUpdateDate></LastUpdateDate>
12    <InstallDate>2017-05-03</InstallDate>
13    <Size>9503723</Size>
14    <Dependencies></Dependencies>
15  </Package>
16  <Package>
17    <Name>CumulusPackage</Name>
18    <Pixmap></Pixmap>
19    <Title>Cumulus</Title>
20    <Description>Simple weather application, forked from Typ
21    <Version>3.0.2</Version>
22    <LastUpdateDate></LastUpdateDate>
23    <InstallDate>2017-05-03</InstallDate>
24    <Size>0</Size>
25    <Dependencies></Dependencies>
26  </Package>
27  <Package>
28    <Name>CumulusPackage.Libraries</Name>
```

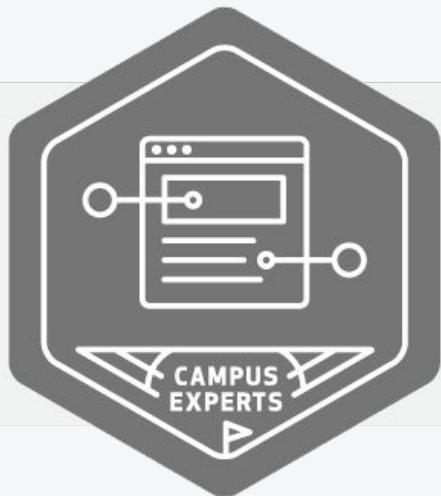
ATOM  
1.16.0 x64   Release  
Notes  
License   Terms of Use

with ❤ by GitHub  
And the awesome Atom Community

About

[HTTPS://GITHUB.COM/CAMPUS-EXPERTS/OPEN-TRAINING](https://github.com/campus-experts/open-training)

**MODULE 14**

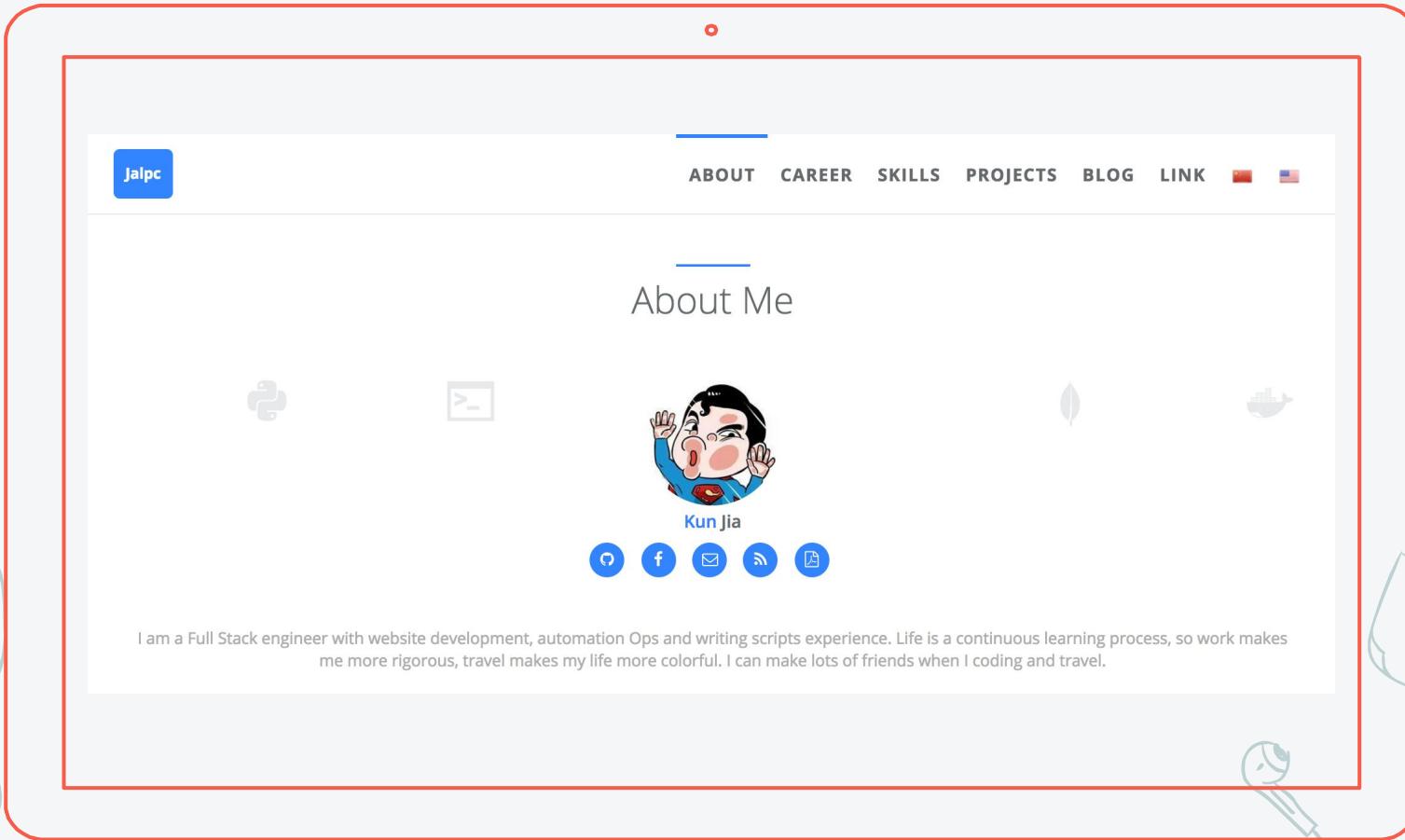


## GITHUB PAGES

Learn how to make and deploy a website with Jekyll & GitHub Pages.



# GITHUB PAGES





# GITHUB PAGES

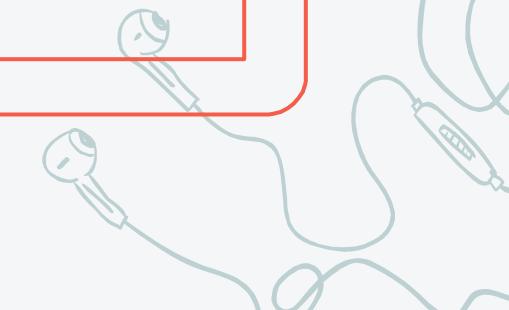
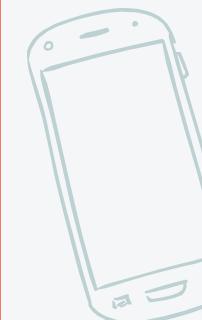
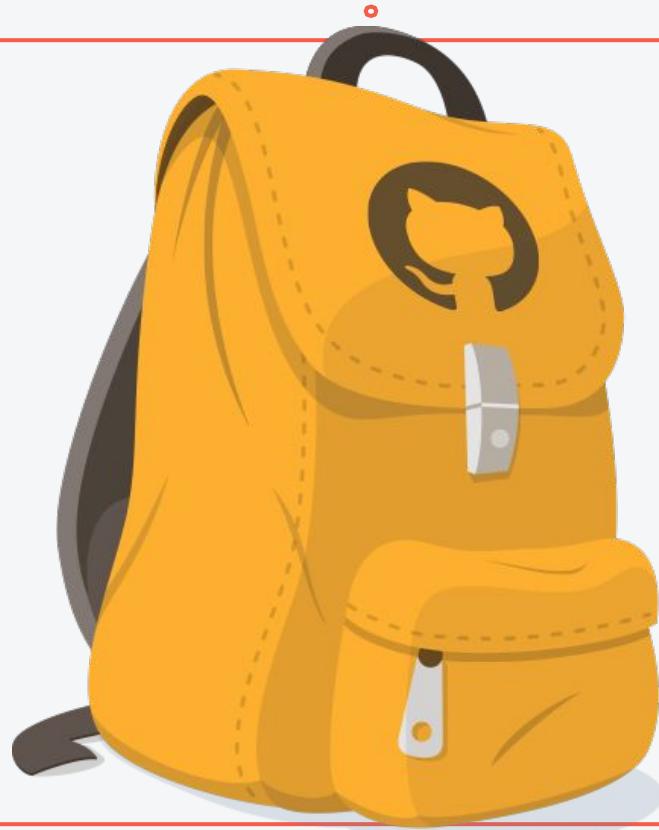
A red-bordered laptop screen displays a GitHub Pages website template. The header features a dark blue bar with the text "YOUR AWESOME TITLE" on the left and "PORTFOLIO" "ABOUT" "CONTACT" on the right. The main content area is teal and contains a circular profile picture of a character wearing a yellow hard hat and a striped tie. The laptop is centered against a background of various light gray line-art icons representing technology and personal items.

YOUR AWESOME TITLE

PORTFOLIO   ABOUT   CONTACT



[HTTPS://EDUCATION.GITHUB.COM/PACK](https://education.github.com/pack)



[HTTPS://EDUCATION.GITHUB.COM/PACK](https://education.github.com/pack)

The image shows a digital tablet with a white background, framed by a red border. On the screen, there's a collection of logos for various tech companies and services, including Bitnami, CARTO, namecheap, UNREAL ENGINE, DATADOG, GitKraken, SENTRY, DigitalOcean, HACKHANDS, Microsoft Imagine, CrowdFlower, SendGrid, Travis CI, THINKFUL, GitHub, stripe, FLATIRON SCHOOL, and TAPLYTICS. In the center of the screen is a yellow backpack with a GitHub logo on it. Below the backpack, the text "Student Developer Pack" is displayed in a large, bold, black font, followed by the URL "education.github.com/pack" in a smaller, regular black font. The entire tablet is set against a light gray background with faint outlines of various electronic devices like a keyboard, a smartphone, a laptop, and a pair of headphones.

bitnami CARTO  
namecheap UNREAL  
ENGINE DATADOG  
GitKraken SENTRY  
DigitalOcean HACKHANDS  
Microsoft Imagine Travis CI  
CrowdFlower THINKFUL  
SendGrid GitHub  
stripe FLATIRON  
SCHOOL TAPLYTICS

**Student Developer Pack**  
[education.github.com/pack](https://education.github.com/pack)

# ACCESS TO PROFESSIONAL TOOLS

The central focus is a tablet displaying the GitHub Student Developer Pack. The screen shows a collection of logos for various tech companies and services, including Bitnami, CARTO, Namecheap, Unreal Engine, Datadog, AWS Educate, Transifex, Travis CI, Thinkful, Flatiron School, Stripe, Taplytics, GitHub, SendGrid, Hackhands, Microsoft Imagine, CrowdFlower, DigitalOcean, Sentry, GitKraken, and CartoDB. A yellow backpack with a GitHub logo is prominently displayed in the center of the screen. Below the screen, the text "Student Developer Pack" is written in large, bold, black letters, followed by the URL "education.github.com/pack". The entire tablet is framed by a red border.

bitnami CARTO  
namecheap UNREAL  
ENGINE DATADOG  
GitKraken SENTRY aws educate  
DigitalOcean HACKHANDS transifex  
Microsoft Imagine Travis CI  
SendGrid GitHub  
CrowdFlower stripe  
GitHub Student Developer Pack  
[education.github.com/pack](http://education.github.com/pack)

ACCESS TO PROFESSIONAL  
FREE FOR STUDENTS



GitKraken



SENTRY



DigitalOcean



Microsoft Imagine



CrowdFlower

GitHub



## Student Developer Pack

[education.github.com/pack](https://education.github.com/pack)



UNREAL  
ENGINE



DATADOG



aws educate



transifex



Travis CI



THINKFUL

GitHub

stripe



FLATIRON  
SCHOOL



TAPLYTICS

ACCESS TO PROFESSIONAL  
**FREE FOR STUDENTS**



GitKraken



SENTRY



DigitalOcean



HACKHANDS



Microsoft Imagine X



CrowdFlower

GitHub



SendGrid

## Student Developer Pack

[education.github.com/pack](https://education.github.com/pack)



UNREAL  
ENGINE



DATADOG



aws educate

transifex



Travis CI



THINKFUL

GitHub



ATIRON

str **FREE** TICS

ACCESS TO PROFESSIONAL  
**FREE FOR STUDENTS**

GitKraken **FREE** DigitalOcean HACKHANDS Microsoft Imagine CrowdFlower SendGrid GitHub str**FREE**

namecheap UNREAL ENGINE DATADOG aws educate transifex Travis CI THINKFUL ATIRON SOL TICS

**Student Developer Pack**  
[education.github.com/pack](http://education.github.com/pack)

ACCESS TO PROFESSIONAL  
**FREE FOR STUDENTS**

The central smartphone screen displays several logos of companies offering free services to students:

- namecheap
- GitKraken
- DigitalOcean
- HACKHANDS
- Microsoft
- CrowdFunder
- GitHub
- FREE Grid
- FREE str
- FREE
- UNREAL ENGINE
- DATADOG
- aws educate
- transifex
- Travis CI
- THINKFUL
- ATIRON
- OL
- TICS

**Student Developer Pack**

[education.github.com/pack](http://education.github.com/pack)

ACCESS TO PROFESSIONAL  
**FREE FOR STUDENTS**

namecheap

GitKraken

DigitalOcean

HACKHANDS

CrowdFunding

Microsoft

GitHub

UNRE  
ENGINEER

aws educate

transifex

Travis CI

THINKFUL

GitHub

stratos

ATIRON

OL

TICS

**FREE**

**FREE**

**FREE**

**FREE**

**Student Developer Pack**

[education.github.com/pack](http://education.github.com/pack)

The image is a promotional collage featuring several logos and text elements. A large, diagonal red banner across the center reads "FREE FOR STUDENTS". Above it, another red banner reads "ACCESS TO PROFESSIONAL". Below the main banners, there are smaller logos and text: "namecheap" with a checkmark, "UNREAL ENGINE" with a stylized "U", and "aws educate" with a graduation cap icon. In the top left corner, there's a graphic of a computer keyboard.

# FREE WHAT FREE?!?!

# Student Developer Pack

[education.github.com/packt](https://education.github.com/packt)



# MUCHOS GRACIAS!

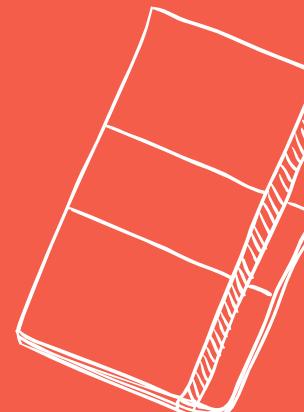
## ¿Preguntas?



@NoelKM  
kim-codes



[kimcodes@gmail.com](mailto:kimcodes@gmail.com)



# CREDITS

Special thanks to all the people who made and released these awesome resources for free:

- ✖ Presentation template by [SlidesCarnival](#)
- ✖ Photographs by [Unsplash](#)