

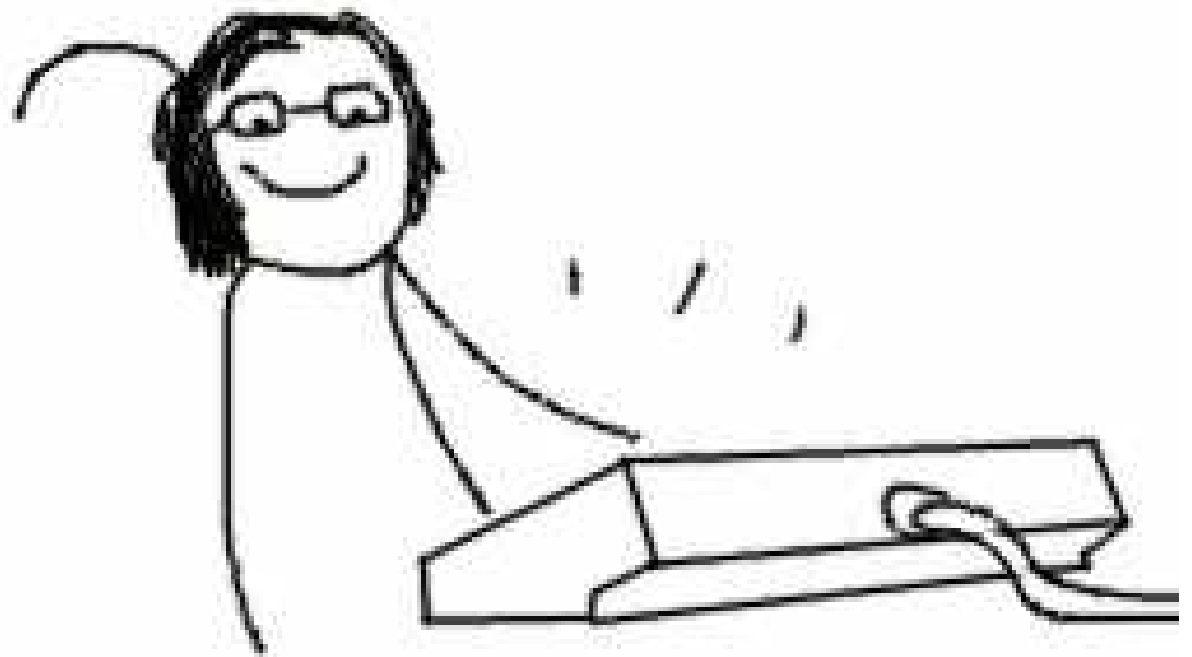
# Git It Done with GitHub

Digital Scholarship with Open Tools

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# PROGRAMMING

- Typical Git User?



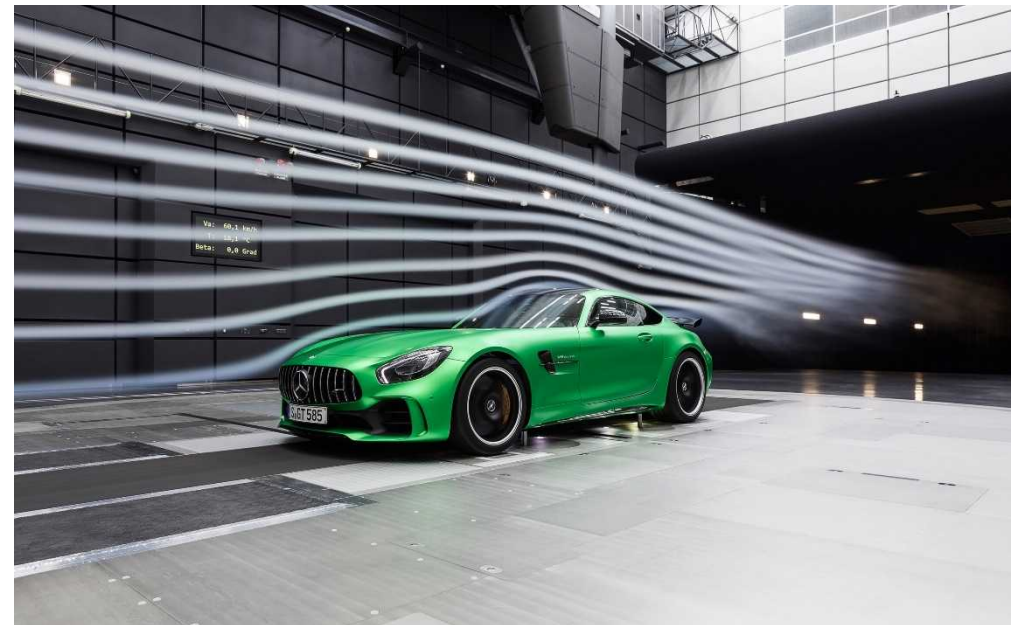
# Let's get this on the books

CAR : FIESTA ::  
GIT : GITHUB



# Streamline your Development!

- Not just code
- We use it for **tutorials** more than anything else
- Lets many people work on the same bit of thing with stepping on other people's progress



# What Else? Publish to the Web

- **Markdown**
- Flip one switch
- Poof!

Basic set of tools to visualize Library data held in Google Sheets

Edit

Manage topics

8 commits

1 branch

0 releases

1 environment

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find File

Clone or download



elibtronic Link in Readme

Latest commit a392b6f on Jan 24, 2018

README.md

Link in Readme

a year ago

books\_P\_class.html

4 working vis

2 years ago

books\_P\_class.js

4 working vis

2 years ago

books\_call\_number.html

4 working vis

2 years ago

books\_call\_number.js

4 working vis

2 years ago

desk\_today.html

4 working vis

2 years ago

desk\_today.js

4 working vis

2 years ago

desk\_year.html

4 working vis

2 years ago

desk\_year.js

4 working vis

2 years ago

journals\_by\_category.html

LIS Journal Vizez

a year ago

# What Else? Publish to the Web

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## GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <https://elibtronic.github.io/LibraryDataVis/>

### Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

### Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

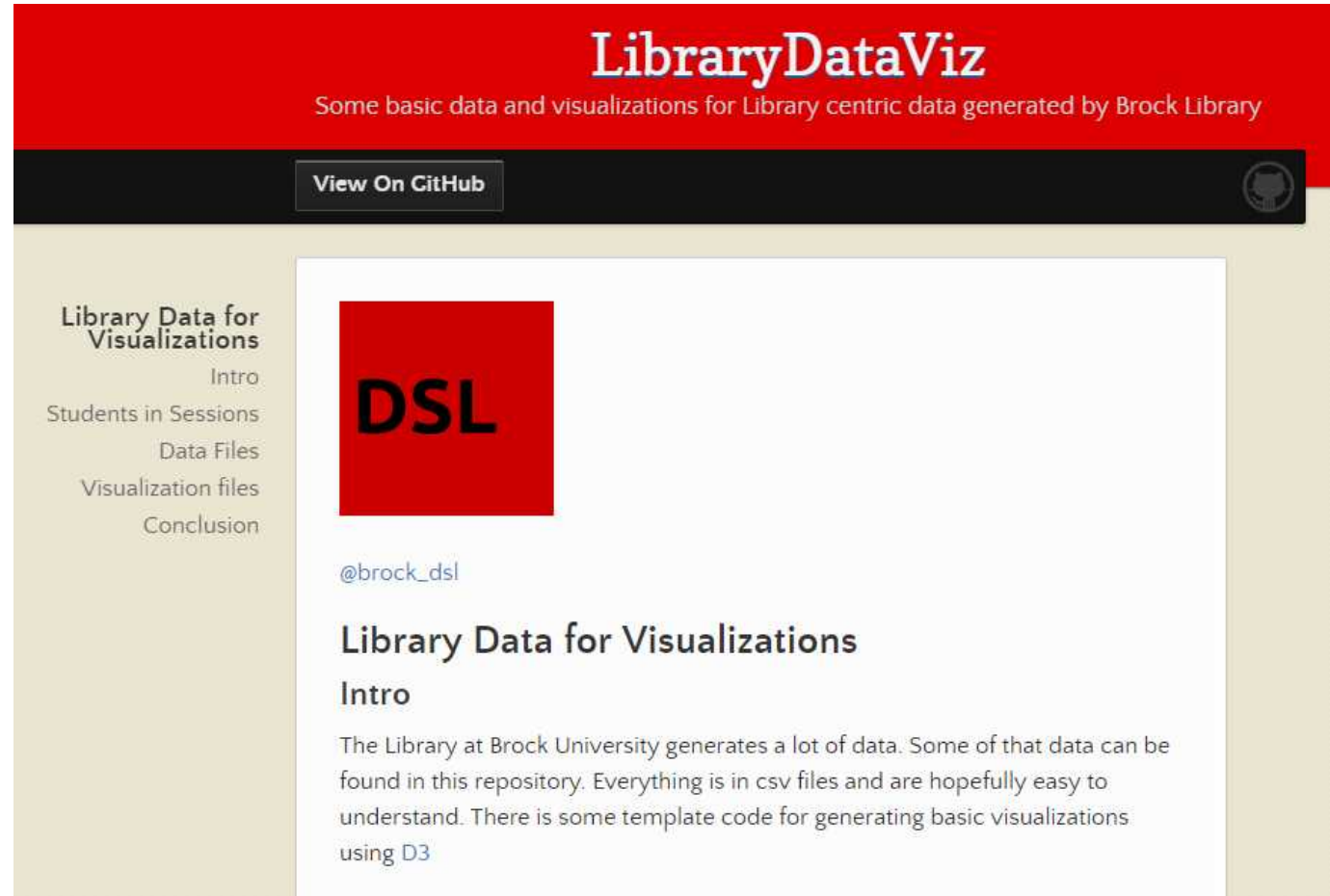
Choose a theme

### Custom domain

Custom domains allow you to serve your site from a domain other than `elibtronic.github.io`. [Learn more.](#)

# What Else? Publish to the Web

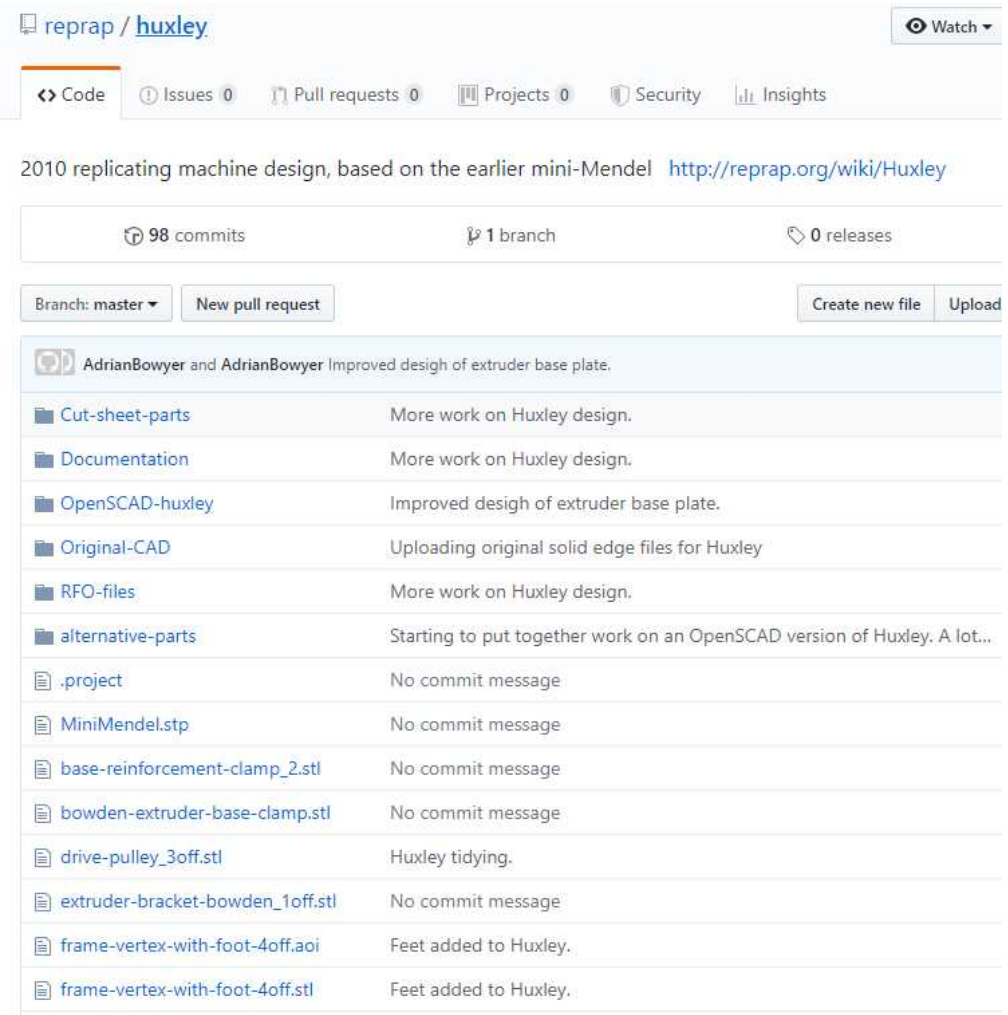
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- Flip one switch
- **Poof!**



The screenshot shows a web page for 'LibraryDataViz' with a red header. Below the header is a black bar with a 'View On GitHub' button and a GitHub icon. The main content area has a light beige background. On the left, there is a sidebar with the text 'Library Data for Visualizations' and a list of links: 'Intro', 'Students in Sessions', 'Data Files', 'Visualization files', and 'Conclusion'. The main content area features a red square with the text 'DSL' in white. Below this is the GitHub username '@brock\_dsl' and the title 'Library Data for Visualizations Intro'. The text below the title reads: 'The Library at Brock University generates a lot of data. Some of that data can be found in this repository. Everything is in csv files and are hopefully easy to understand. There is some template code for generating basic visualizations using D3'.

# What Else? Preview Rich Content

- You do 3D?
- Probably
- View STL files
- Thingiverse? Probably for your final object of course



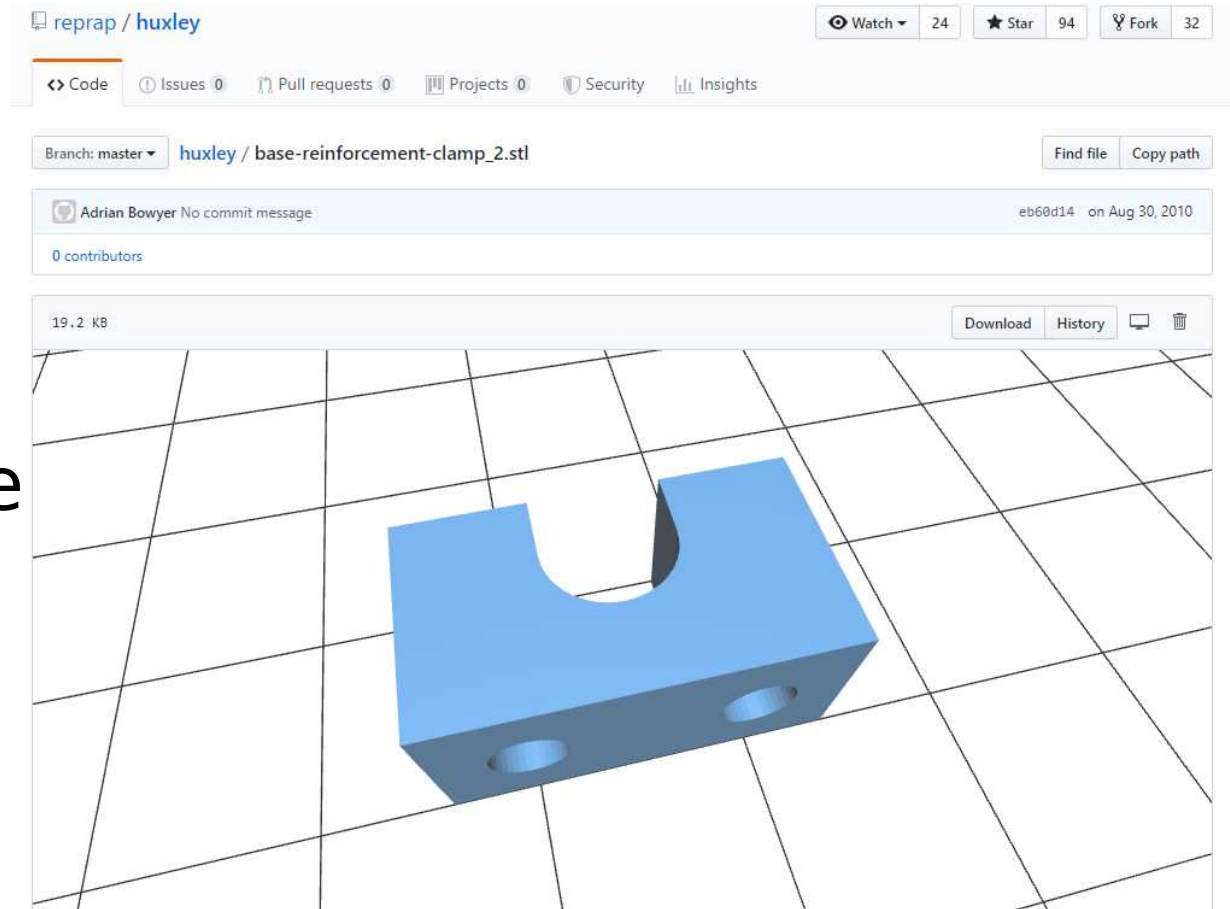
The screenshot shows the GitHub repository page for 'reppap / huxley'. The repository is described as '2010 replicating machine design, based on the earlier mini-Mendel' with a link to <http://reppap.org/wiki/Huxley>. It has 98 commits, 1 branch, and 0 releases. The current branch is 'master'. The repository contains several folders and files:

File/Folder	Commit Message
AdrianBowyer and AdrianBowyer	Improved design of extruder base plate.
Cut-sheet-parts	More work on Huxley design.
Documentation	More work on Huxley design.
OpenSCAD-huxley	Improved design of extruder base plate.
Original-CAD	Uploading original solid edge files for Huxley
RFO-files	More work on Huxley design.
alternative-parts	Starting to put together work on an OpenSCAD version of Huxley. A lot...
.project	No commit message
MiniMendel.stp	No commit message
base-reinforcement-clamp_2.stl	No commit message
bowden-extruder-base-clamp.stl	No commit message
drive-pulley_3off.stl	Huxley tidying.
extruder-bracket-bowden_1off.stl	No commit message
frame-vertex-with-foot-4off.aoi	Feet added to Huxley.
frame-vertex-with-foot-4off.stl	Feet added to Huxley.



# What Else? Preview Rich Content

- You do 3D?
- Probably
- **View STL files**
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# What Else? Crowd Source Your Development

- If someone makes a change to one of your repositories, they can ask you to incorporate the changes
- This is called a **pull request**
- You get to review th before accepting

## First crack at it #1

 Merged jyounger merged 1 commit into `jyounger:master` from `elibtronic:master` on Jan 18, 2013

 Conversation 0  Commits 1  Checks 0  Files changed 9



elibtronic commented on Jan 18, 2013

Contributor + 😊 ...

Add some content and made all images local. Might help with saving bandwidth...



add content & made images local

0865eec



jyounger merged commit 0865eec into `jyounger:master` on Jan 18, 2013

+22 -6 

# What Else? Crowd Source Your Development

```
28 index.html
```

4	<head>	4	<head>
5	<meta charset="utf-8">	5	<meta charset="utf-8">
6		6	
7	- <title>reveal.js - The HTML Presentation Framework</title>	7	+ <title>Arduino OLA Presentation</title>
8		8	
9	<meta name="description" content="A framework for easily creating beautiful presentations using HTML">	9	<meta name="description" content="A framework for easily creating beautiful presentations using HTML">
10	<meta name="author" content="Hakim El Hattab">	10	<meta name="author" content="Hakim El Hattab">
51	<li>Let's make something!</li>	51	<li>Let's make something!</li>
52	</ol>	52	</ol>
53	</div>	53	</div>
54	- Code Pull requests 0 Projects 0 Wiki Security Insights		

Documents and Transcriptions of Winnie Beam's 1900 Dairy

Manage topics

702 commits 1 branch

Branch: master New pull request

This branch is 66 commits behind BrockDSL:master.

T-Burke Update F-J

Biographies Update F-J

# What Else?

## Private Content

- Just visible to your team

### Danger Zone

#### Make this repository private

Hide this repository from the public.

Make private

#### Transfer ownership

Transfer this repository to another user or to an organization where you have the ability to create repositories.

Transfer

#### Archive this repository

Mark this repository as archived and read-only.

Archive this repository

#### Delete this repository

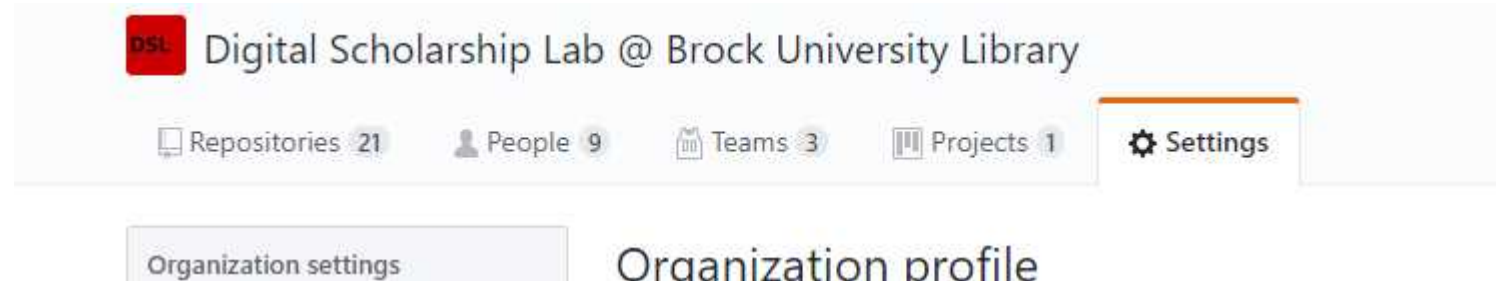
Once you delete a repository, there is no going back. Please be certain.

Delete this repository

# What Else?

## Teams and Collaborations

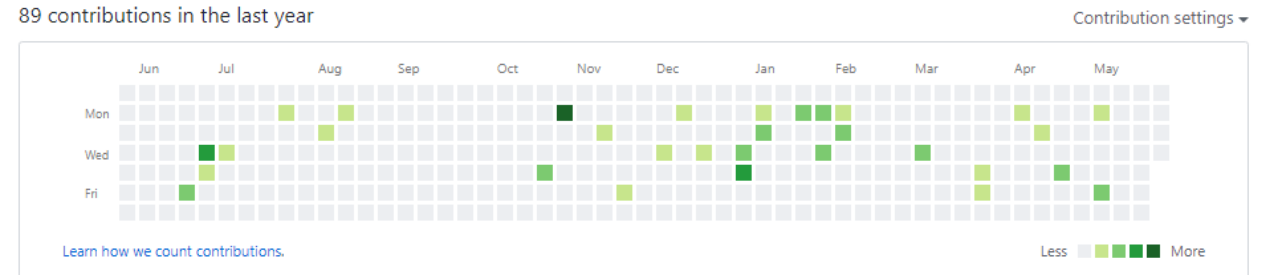
- Built for project management stuff
- Built in communication tools



# What Else?

## Keeping Track

- Cause it monitors changes it keeps track of everything



Bot to air your grievances

[Manage topics](#)

44 commits

Branch: master ▾

[New pull request](#)

**grief** Added another citation

**hopper**



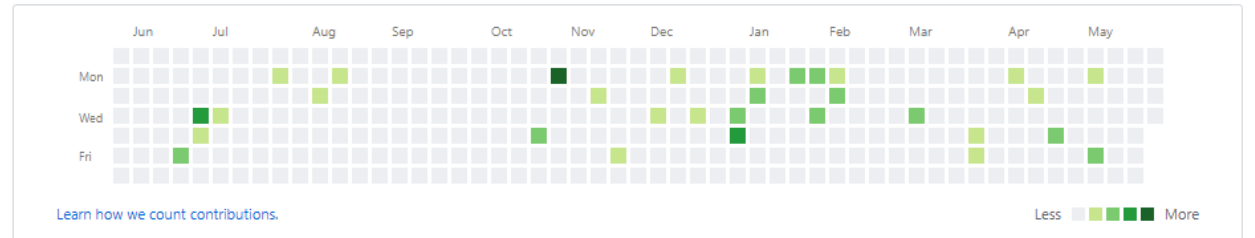
# What Else?

## Keeping Track

- Cause it monitors changes it keeps track of everything

89 contributions in the last year

Contribution settings ▾



Bot to air your grievances

[Manage topics](#)

44 commits

Branch: master ▾

[New pull request](#)

**grief** Added another citation

**hopper**

# What Else?

## Desktop Version

- The Command Line takes a bit of work granted
- Desktop version makes it a bit easier



# Now What?

- Think of it as 'Social Coding'
- Didn't even begin to touch the beginning of scratching the surface of GitHub
- Check out Breakout Session #4: **Get to know GitHub**

# Thanks

- Tim
- [tribaric@brocku.ca](mailto:tribaric@brocku.ca)
- @elibtronic