Working with Repositories in GitHub

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Overview

Repositories in GitHub

Special files in your repositories

Working with GitHub Locally

Repository features

Repositories in GitHub

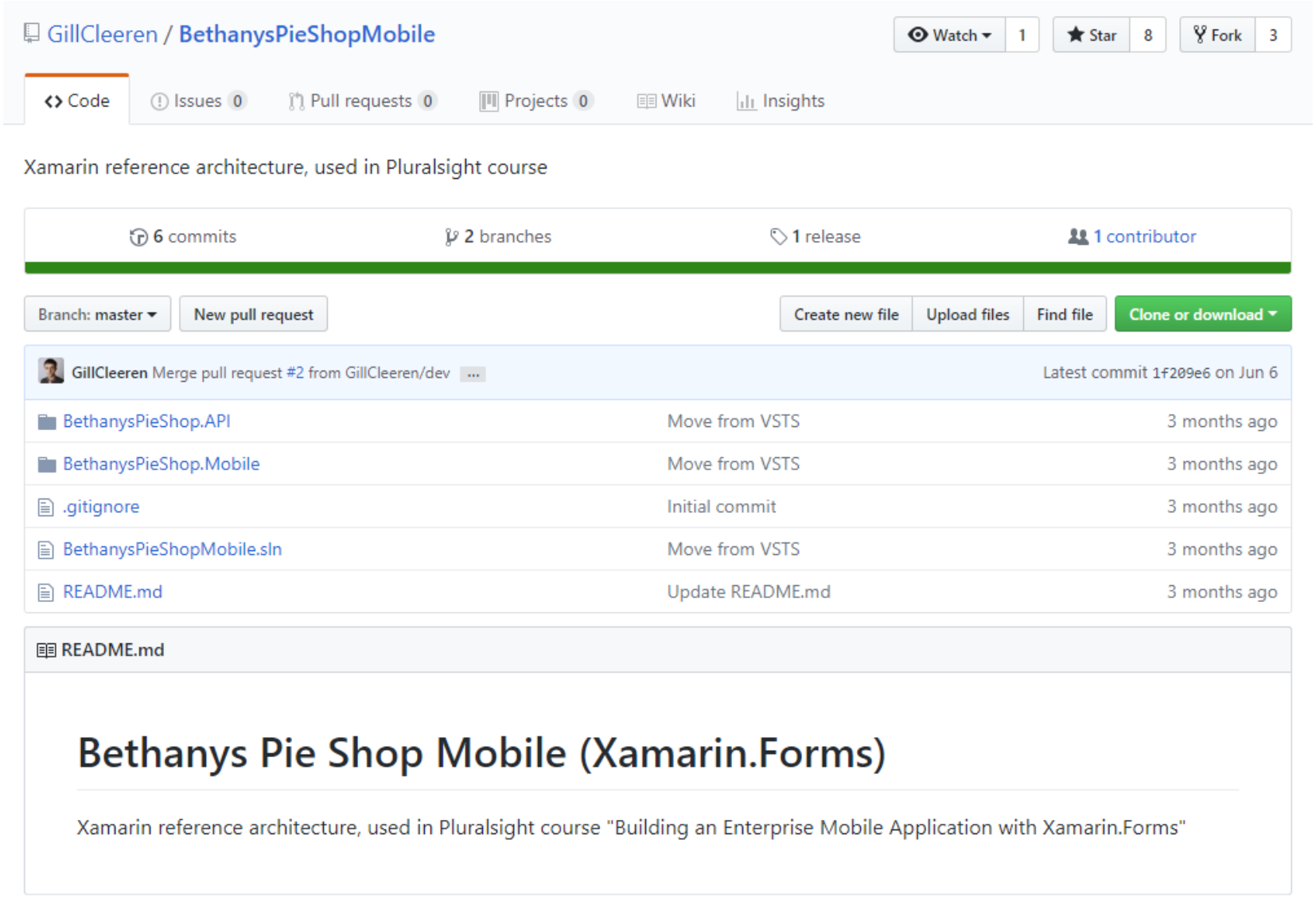
Repositories are the building block of GitHub

- "Folder" for your project

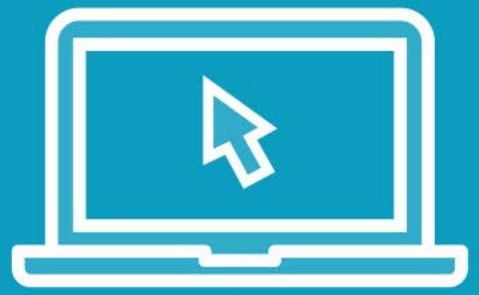
Owned by you or an organization

Public or private

Repository Landing Page



Demo



Repositories on GitHub

Special Files on GitHub

README Please

README file is special file known by GitHub

- Root, .github or docs folder

Rendered automatically on landing page

Typically written in markdown (.md)

Displaying the README File

README.md

Redux

Redux is a predictable state container for JavaScript apps.
(Not to be confused with a WordPress framework – Redux Framework.)

It helps you write applications that behave consistently, run in different environments (client, server, and native), and are easy to test. On top of that, it provides a great developer experience, such as live code editing combined with a time traveling debugger.

You can use Redux together with React, or with any other view library.
It is tiny (2kB, including dependencies).

Learn Redux

We have a variety of resources available to help you learn Redux, no matter what your background or learning style is.

Just the Basics

If you're brand new to Redux and want to understand the basic concepts, see:

- The **Motivation** behind building Redux, the **Core Concepts**, and the **Three Principles**.
- The **basic tutorial in the Redux docs**
- Redux creator Dan Abramov's **free** **"Getting Started with Redux" video series** on Egghead.io
- Redux co-maintainer Mark Erikson's **"Redux Fundamentals" slideshow** and **list of suggested resources for learning Redux**
- If you learn best by looking at code and playing with it, check out our list of **Redux example applications**, available as separate projects in the Redux repo, and also as interactive online examples on CodeSandbox.

LICENSE

CONTRIBUTING and CONTRIBUTORS

CHANGELOG

SUPPORT

CODE_OF_CONDUCT

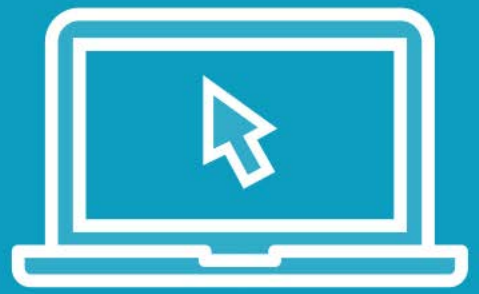
Sample Markdown Syntax

```
# This is an H1


## This is an H2


*   Red
*   Green
*   Blue
```

Full syntax available at

https://daringfireball.net/projects/markdown/syntax

Demo

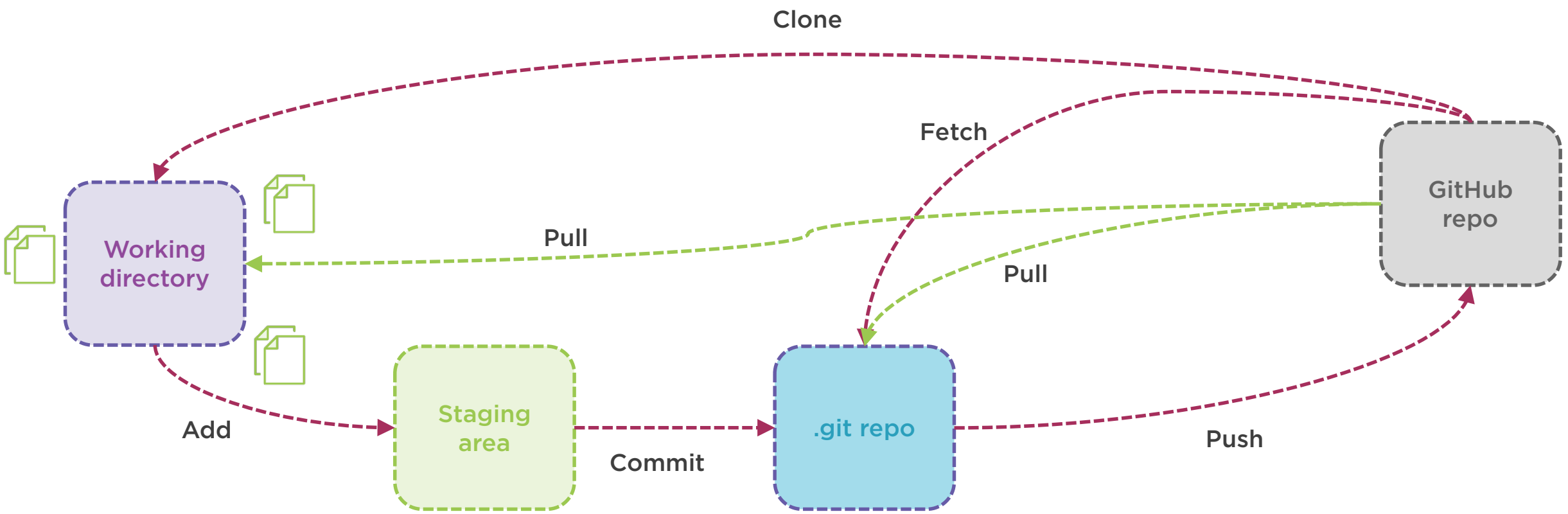


Creating files on GitHub

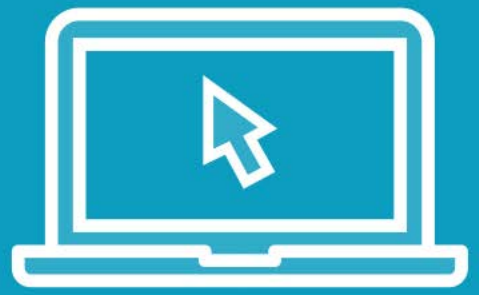
- README
- Contribution guidelines

Working with GitHub Locally

Using Git Commands with GitHub



Demo



Cloning the repository

Making local changes

Publishing back to GitHub

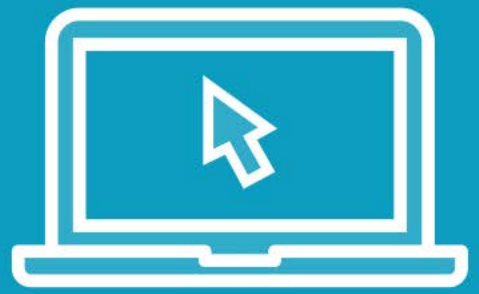
Adding and Editing Files on GitHub

improved-memory / index.html or cancel

Edit file | Preview changes | Tabs | 8 | No wrap

```
1  <!DOCTYPE HTML>
2
3  <html>
4          <head>
5                  <title>Sample site</title>
6                  <meta charset="utf-8" />
7                  <meta name="viewport" content="width=device-width, initial-scale=1" />
8                  <link rel="stylesheet" href="assets/css/main.css" />
9          </head>
10         <body>
11
12                 <!-- Header -->
13                         <header id="header">
14                                 <div class="logo"><a href="#">Welcome to our site</a></div>
15                         </header>
16
```

Demo



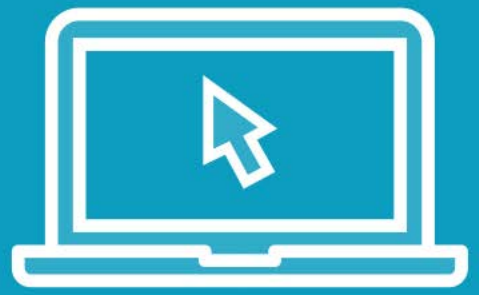
Making remote changes

- Editing
- New files

Fetching and pulling

Archive non-active repositories

Demo



Archiving repositories on GitHub

Repository Features

Repository Features

Topics

Projects

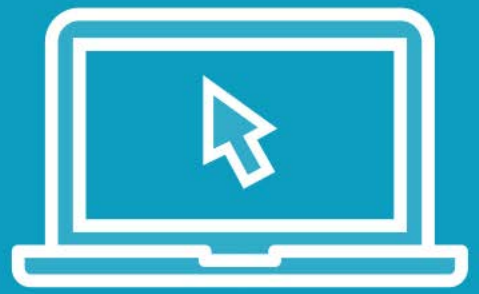
Issues

Pull requests

Insights

Settings

Demo



Exploring the features and settings for a repository

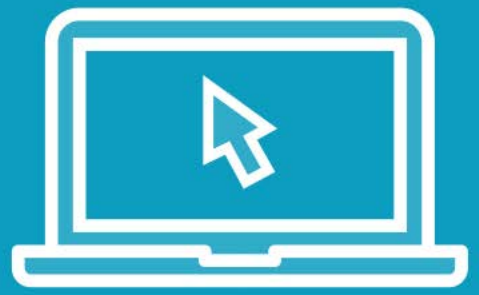
Adding topics to the repository

Bringing In More People

Collaborators

Contributors

Demo



Adding and managing collaborators for our repository

Repository Insights

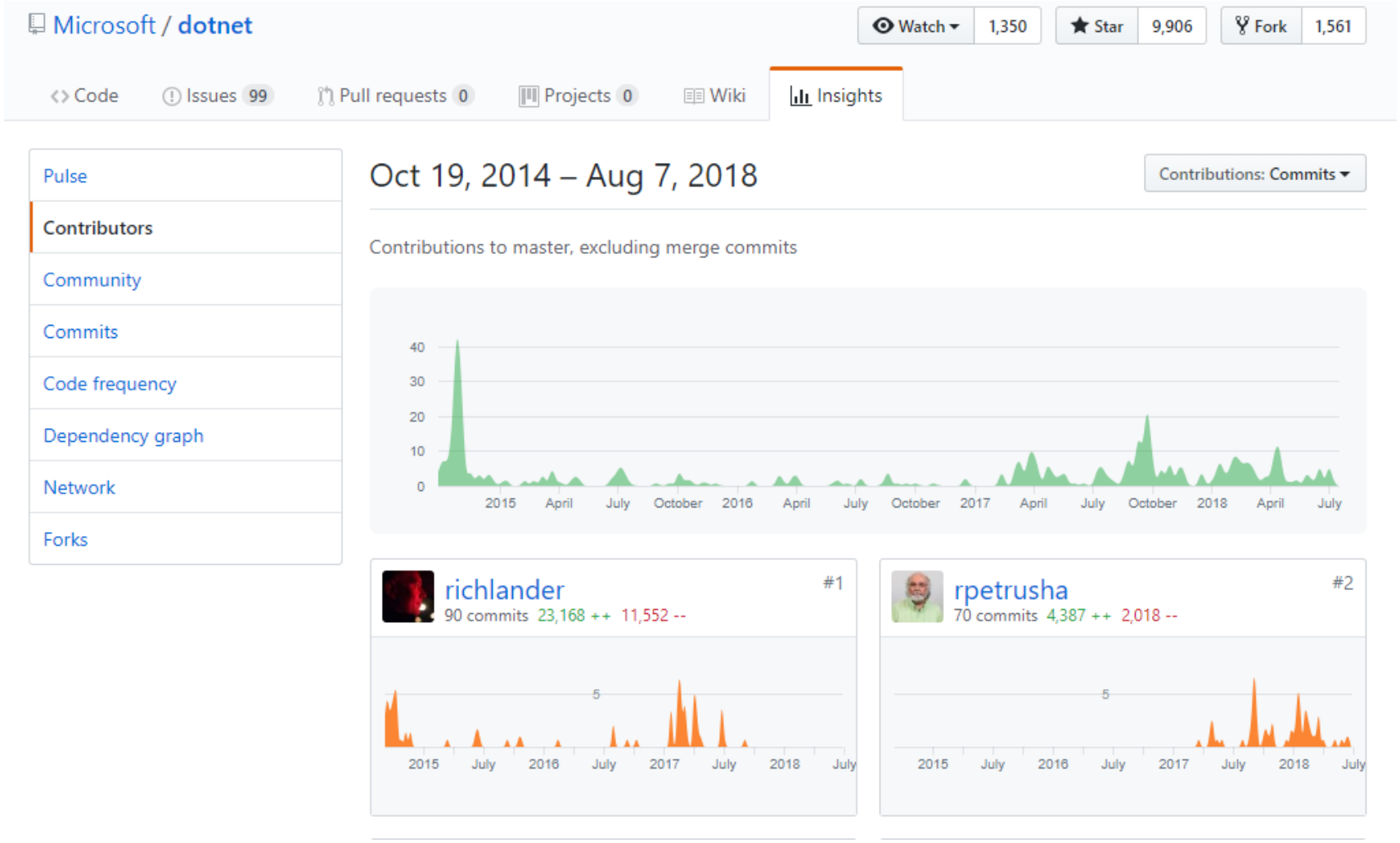
Contributors

Traffic

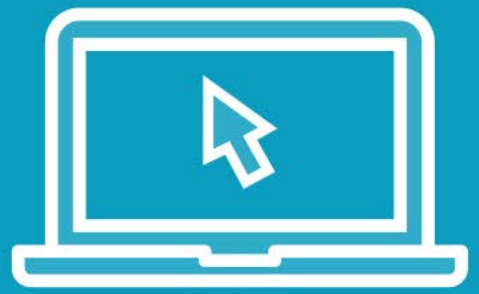
Commits

Code frequency

Repository Insights



Demo

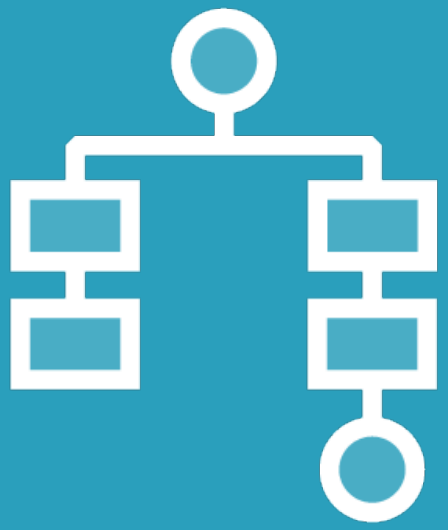


Exploring the repository Insights information

Summary

It all evolves around repositories

GitHub is our remote area



Up next:
Branching, merging and pull requests in GitHub