
Nodes
Hacktober
FEST
2019
presented by
DigitalOcean
and
DEV

Welcome

Hacktoberfest

What is Hacktoberfest? How to participate?

Open-source

What is open source? How can you get involved?

Guest Talk

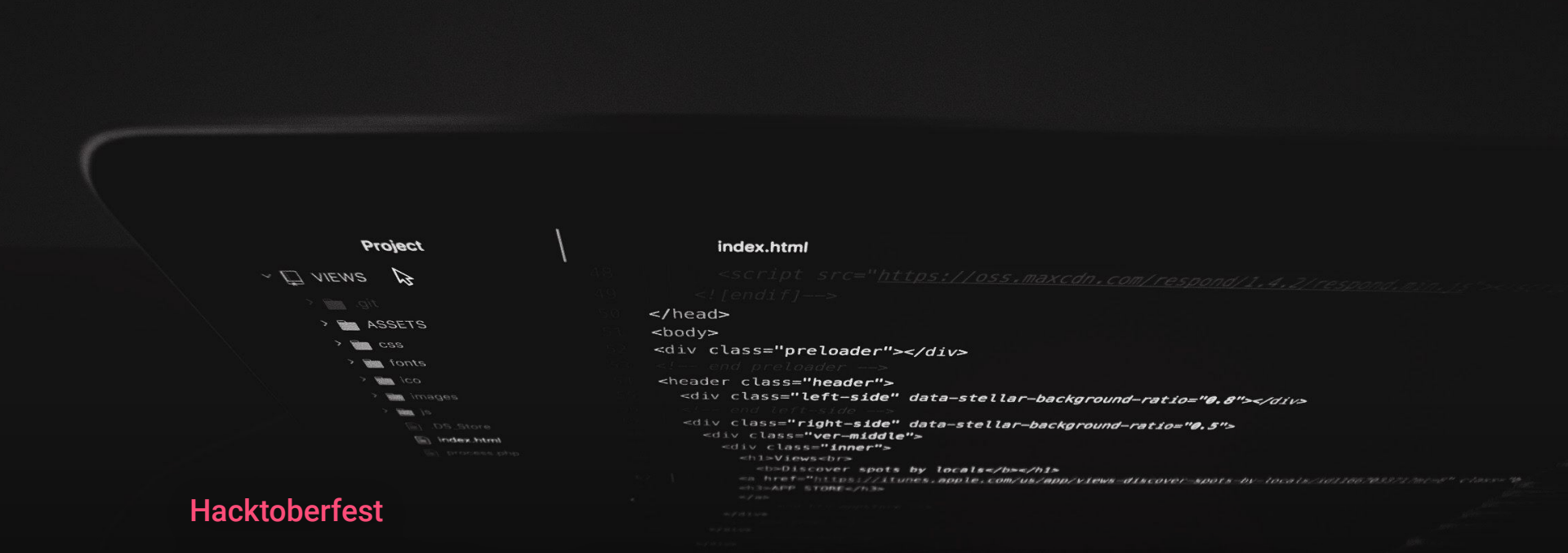
Pawel Wilk - Senior Backend Developer at Nodes

Open mic

Share your open source projects

Networking

Share your experiences



Hacktoberfest

Is a month long global event about encouraging meaningful contributions to the open source ecosystem, for beginners and veterans alike.

Hacktoberfest

You can help drive growth of open source and make positive contributions to an ever-growing community.

All backgrounds and skill levels are encouraged to complete the challenge.

How to participate?

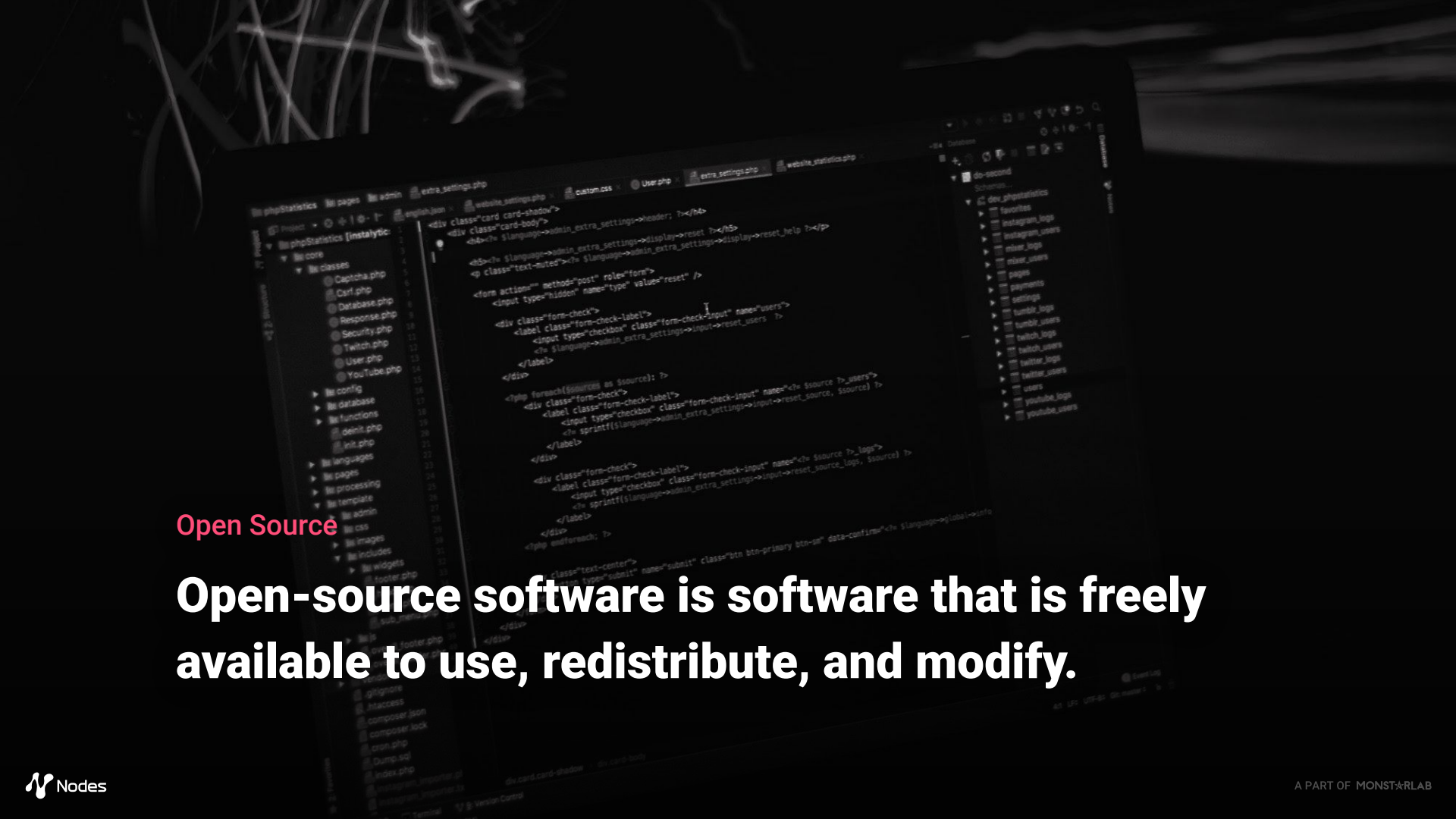
1. Sign up to participate at hacktoberfest.digitalocean.com
2. Make 4 pull requests (PRs) between October 1-31 in any GitHub-hosted repositories/projects

PRs can be made to any public repo on GitHub, not only the ones with issues labeled Hacktoberfest. You can login with your Github account at hacktoberfest.digitalocean.com to check your progress and stats.

This year, the first 50,000 participants who successfully complete the challenge will earn a limited edition T-shirt.

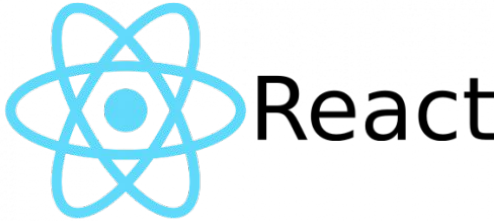
Make sure to checkout the website for more resources and guides.

Please remember to read the code of conduct.



Open Source

Open-source software is software that is freely available to use, redistribute, and modify.



i-voting

Visual Studio Code

Contributing to Open-source projects

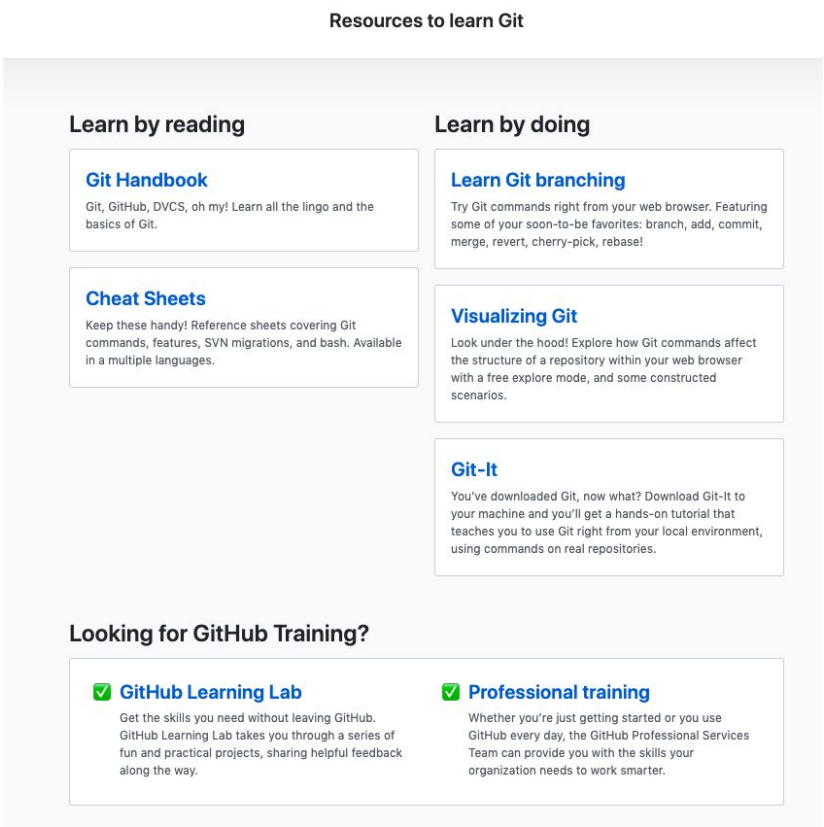
Open-source projects that are hosted in public repositories benefit from contributions made by the broader developer community, and are typically managed through **Git**.

The best way to begin to contribute to open-source projects is to start by contributing to software that you already use.

If you’re just starting out with contributing to open-source software, it is a good idea to start with something small — each contribution is valuable. You may want to start with fixing typos, adding comments, or writing clearer documentation.

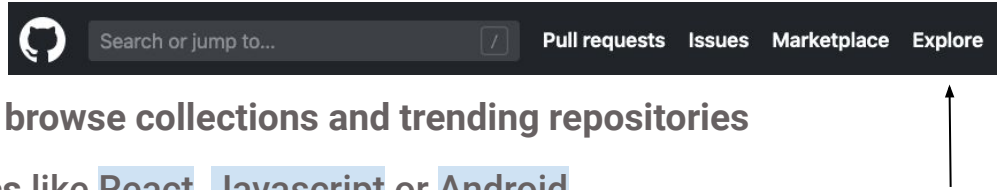
Getting started with Git

try.github.io



Where to find open-source projects to work on?

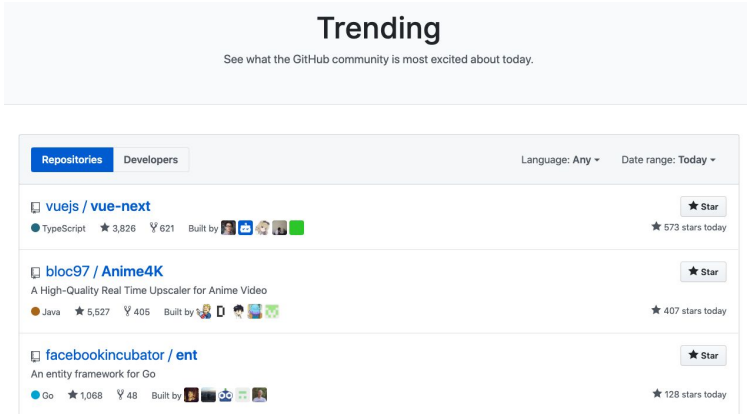
Github



You can use the **Explore** section to **browse collections and trending repositories**

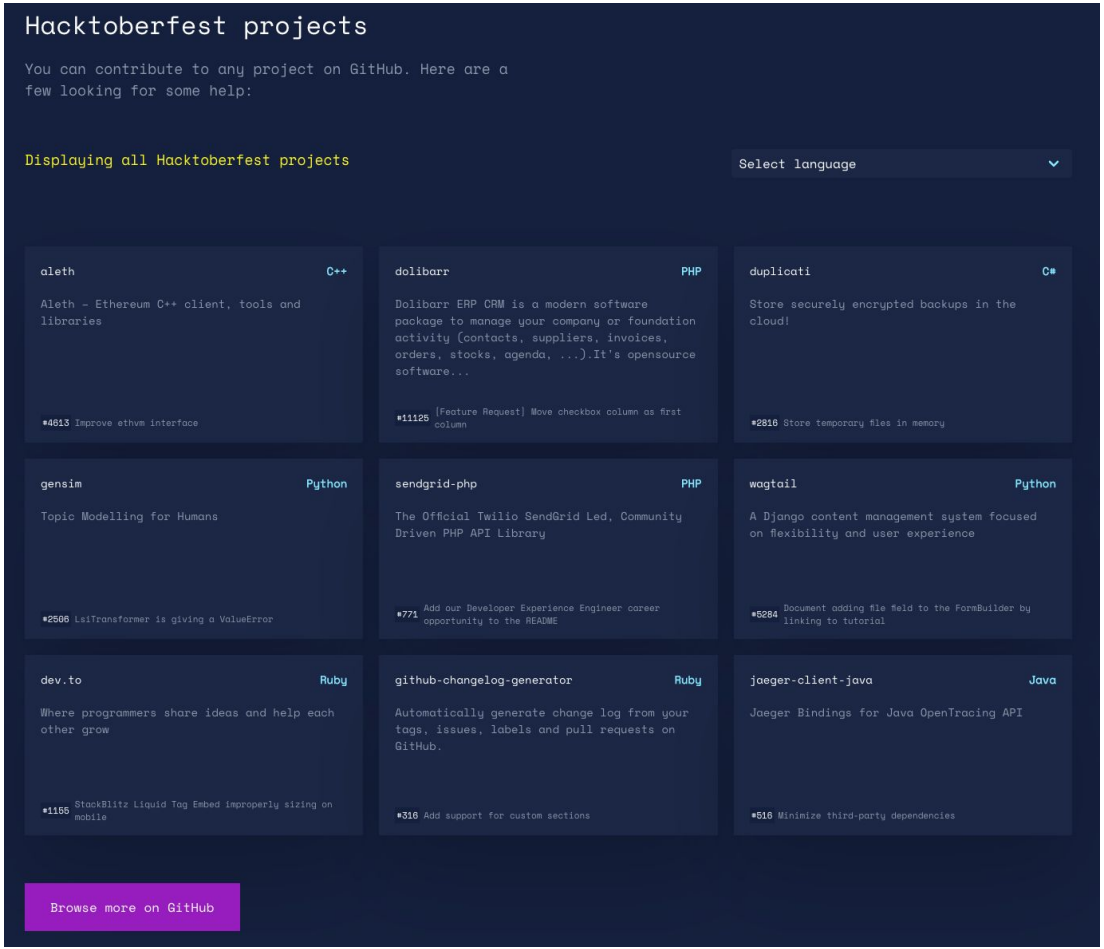
Search for repositories using **Topics** like React, Javascript or Android

Search for repositories using Labels like good first issue or hacktoberfest



Where to find open-source projects to work on?

[Hacktoberfest website]



Nodes iOS Open Source Projects

Rye - A framework for displaying non intrusive alerts to your users of both "Toast" and "Snack Bar" type

Drawer - A framework that enables you to easily embed a UIViewController in a drawer and display it on top of another UIViewController

KeyboardHelper - No more checking for keyboard notifications and parsing keyboard appearance info manually!

Spinner - Makes using UIActivityIndicatorView even easier.

NStack - NStackSDK is the companion software development kit to the NStack backend.

Serpent - A protocol to serialize Swift structs and classes for encoding and decoding.

Nodes Android Open Source Projects

Nstack - NStackSDK is the companion software development kit to the NStack backend

Template - Kotlin-template clean architecture

Filepicker - File picker / acquire photo library for Android

Locksmith - Nodes Encryption library using the Android KeyStore

Form-Validator - Library to handle validation of input fields

Nodes Vapor Open Source Projects

Admin Panel - Build easy customizable admin features for your app

JWTKeyChain - Easily scaffold a keychain using JWT for Vapor

Paginator - Offset pagination for Vapor

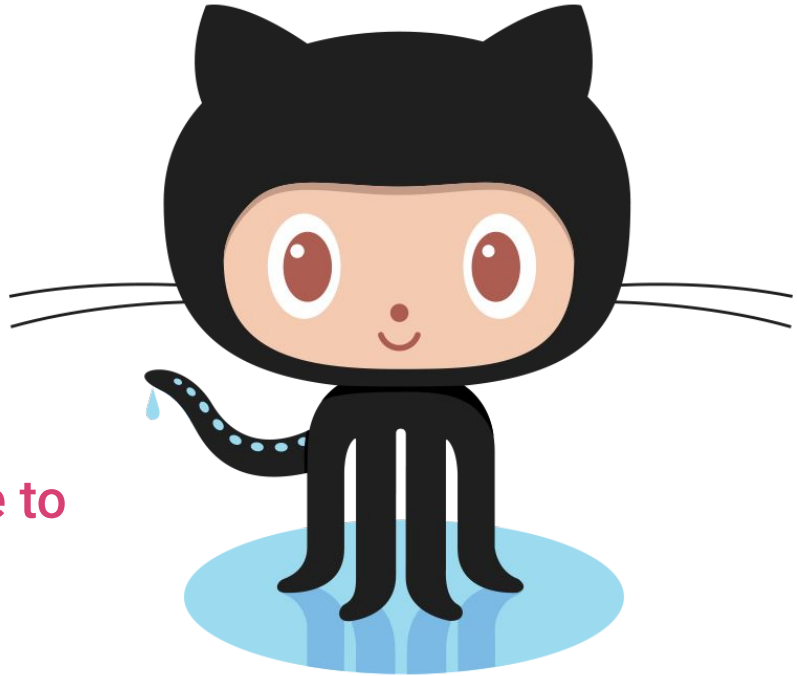
Reset - Makes resetting a password a breeze

Bugsnag - Report errors with Bugsnag


How to create a
PR on Github

Before you get started

1. Get a Github account (github.com)
2. Make sure to have Github installed
3. Find a project you want to contribute to

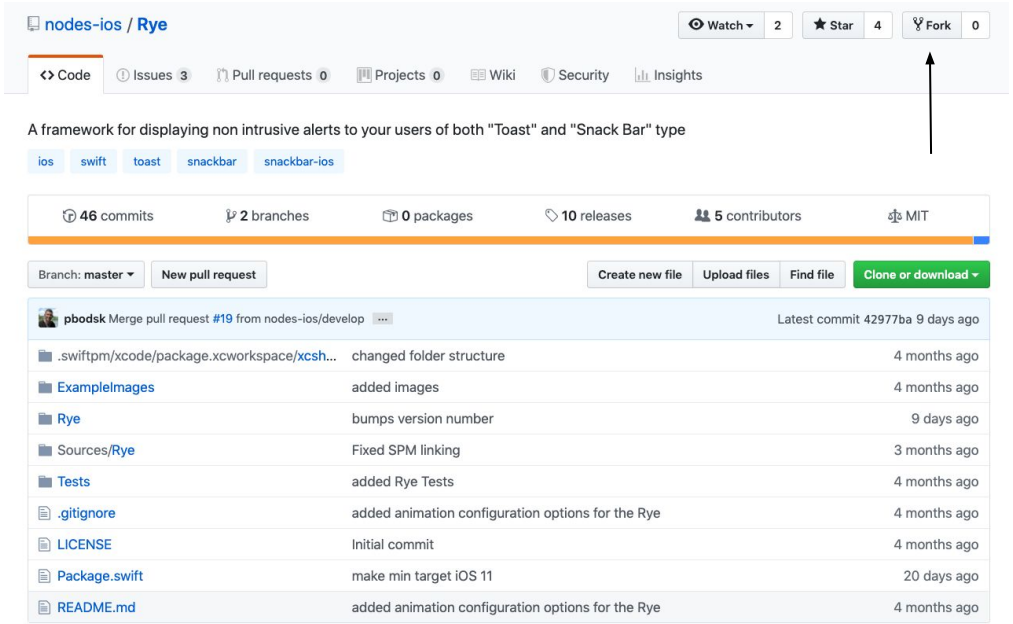


Create a copy of the repository

Fork the open-source repository you want to contribute to by navigating with your browser to the Github URL.

When you click on the button, the forking process will start.

Once that is done you will be redirected to your own copy of the project.



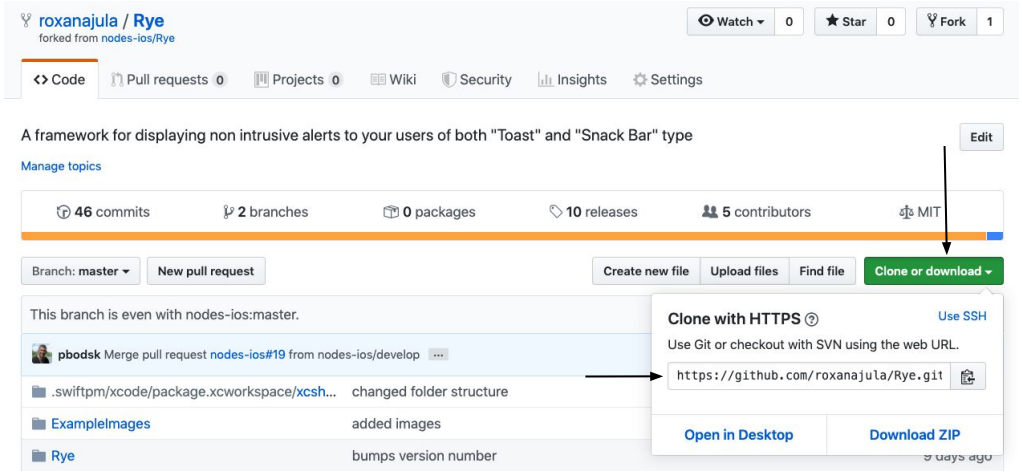
Clone the forked project to your local machine

1. Click on the Clone or download button from your repository page that you just forked
2. Copy the Repository URL
3. Open your terminal and do git clone <Repository URL>

   For example:

   git clone https://github.com/roxanajula/Rye.git

4. Now you should have a local copy of the code that you can start working on



Create a new branch

Best practice whenever working on a project is to start by making a new branch.

This should be branched out of the main branch of the project (usually called master).

To create a new branch:

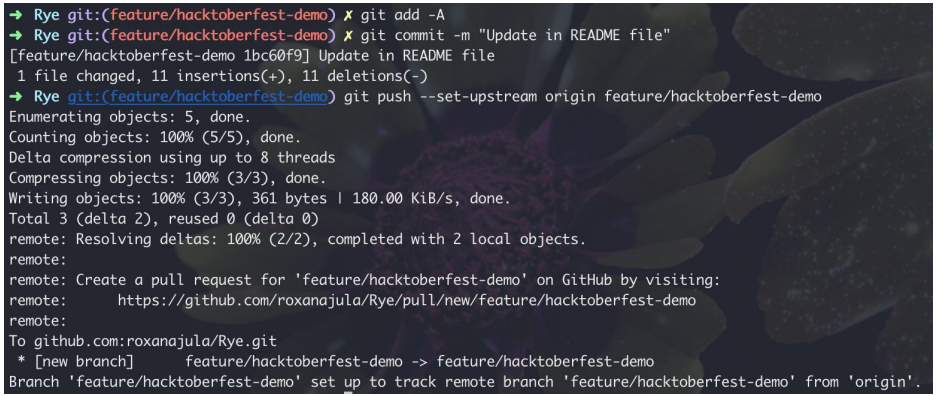
1. In the terminal, navigate to the location of the local repository cd repository
2. Create a new branch git branch new-branch
3. Change your active branch to the newly created one git checkout new-branch

Tip: You can combine step 2 and 3 into a single one by doing git checkout -b new-branch

```
➜  Rye git:(master) git branch feature/hacktoberfest-demo
➜  Rye git:(master) git checkout feature/hacktoberfest-demo
Switched to branch 'feature/hacktoberfest-demo'
➜  Rye git:(feature/hacktoberfest-demo)
```

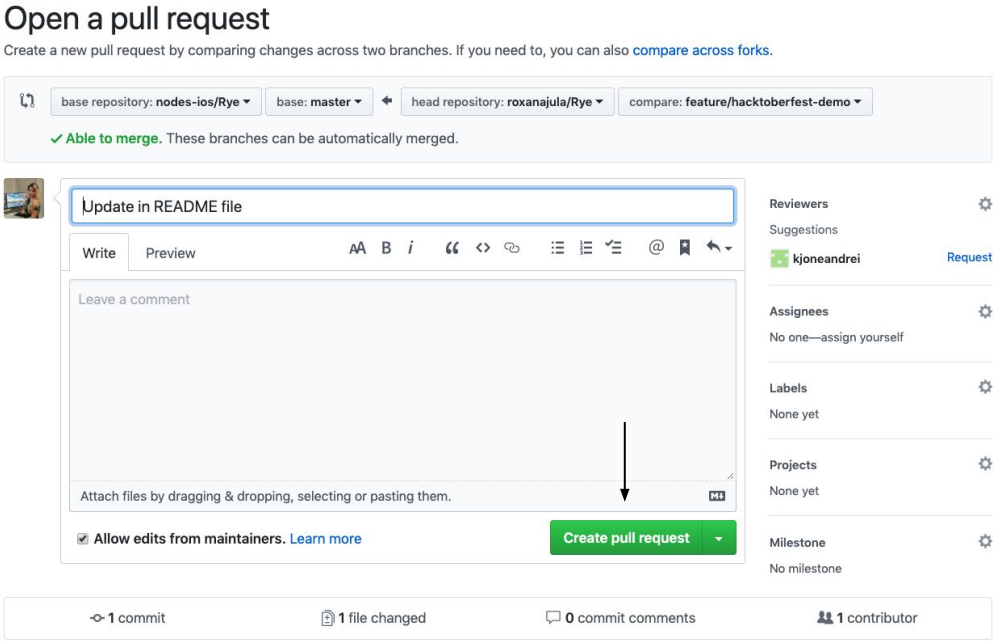
Make changes locally

1. Once you modified existing files or added new ones you can add them to your local repository with git add -A (the -A flag is for adding all)
2. Next, we have to record the changes using git commit -m “Fixed a bug”
3. You can use git status to verify what will be committed
4. When you have all changes ready you can push your branch like so git push --set-upstream origin new-branch
5. You should see a progress of your code being pushed



Create a pull request

Now that you have pushed your changes you can create a pull request from the Github page:

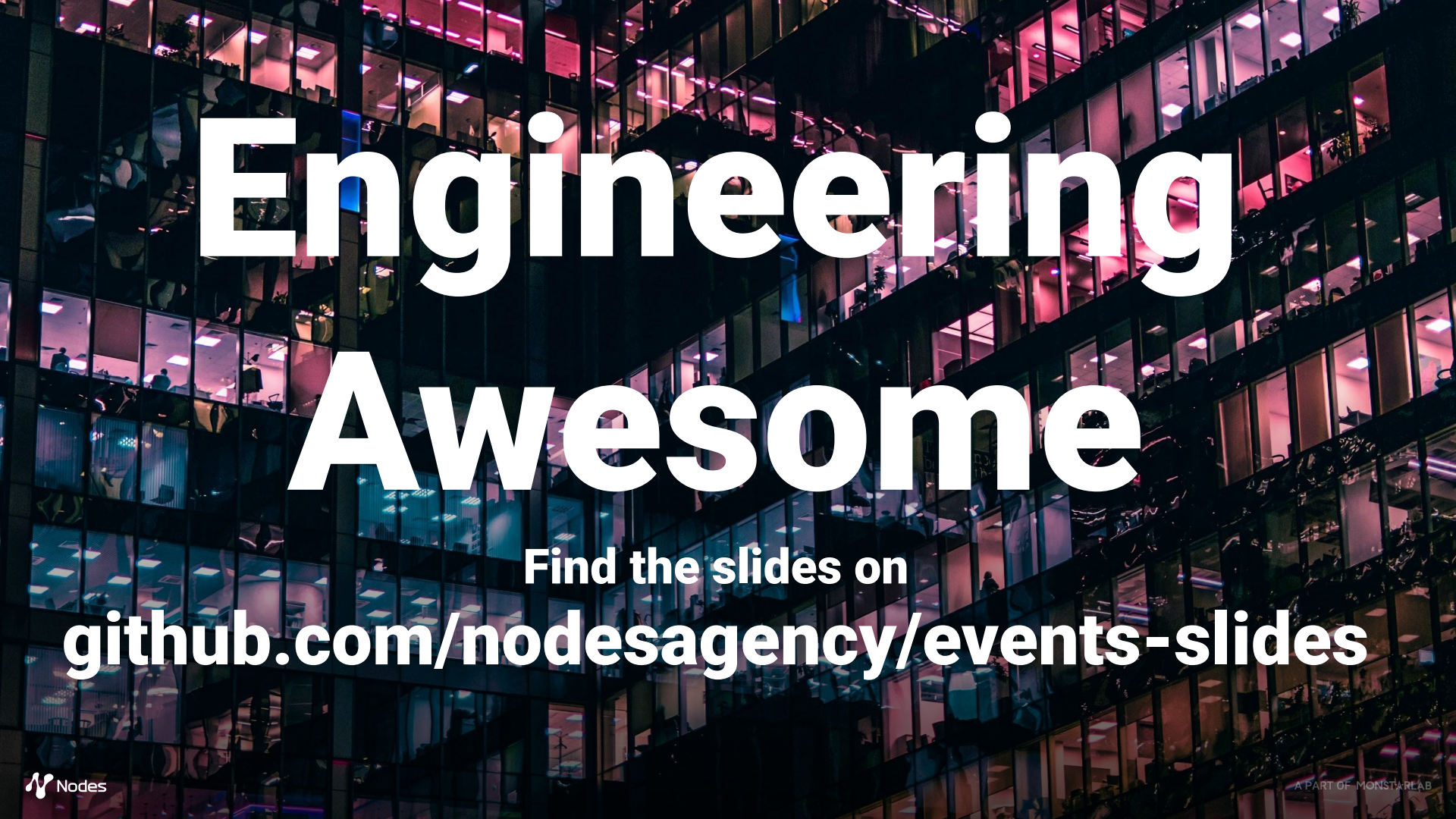


At this point, the maintainers of the original repository will decide whether or not to accept your pull request. They may ask for you to edit or revise your code prior to accepting the pull request.

Resources

https://hacktoberfest.digitalocean.com/
https://www.digitalocean.com/community/tutorials/how-to-create-a-pull-request-on-github
https://help.github.com/en/articles/creating-a-pull-request
https://help.github.com/en/articles/finding-open-source-projects-on-github
https://hacktoberfest.digitalocean.com/eventkit/#resources
https://hacktoberfest.digitalocean.com/#projects
https://www.technotification.com/2019/03/top-open-source-projects-github.html

Happy coding!
#hacktoberfest


Engineering
Awesome
Find the slides on
github.com/nodesagency/events-slides
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