

# Getting started with Open Source

Sasha Rosenbaum  
@DivineOps





Dev  
Ops  
Architect  
Product Manager

Microsoft => GitHub

@DivineOps

# What is Open Source?

# Open-source software (OSS)

A type of computer software in which the source code is released under a [permissive license](#)

allowing users the rights to use, study, change, and distribute the software to anyone and for any purpose.

<https://choosealicense.com/>

## The MIT License (MIT)

Copyright © 2020 <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.



Search or jump to...



Pull requests

Issues

Codespaces

Marketplace

Explore

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

### Repository template

Start your repository with a template repository's contents.

No template ▼

Owner \*

Repository name \*



DivineOps ▼

/

Great repository names are short and memorable. Need inspiration? How about **urban-tribble**?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

# Why should you contribute to Open Source?

**"Software is Eating  
the World."**

**- Marc Andreessen**



“Linux is a Cancer.”

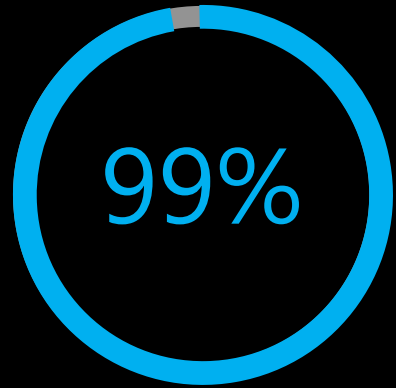
- Steve Ballmer



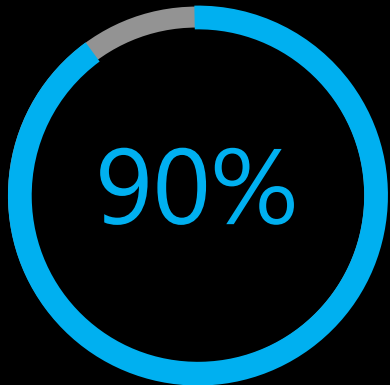
Microsoft  Linux



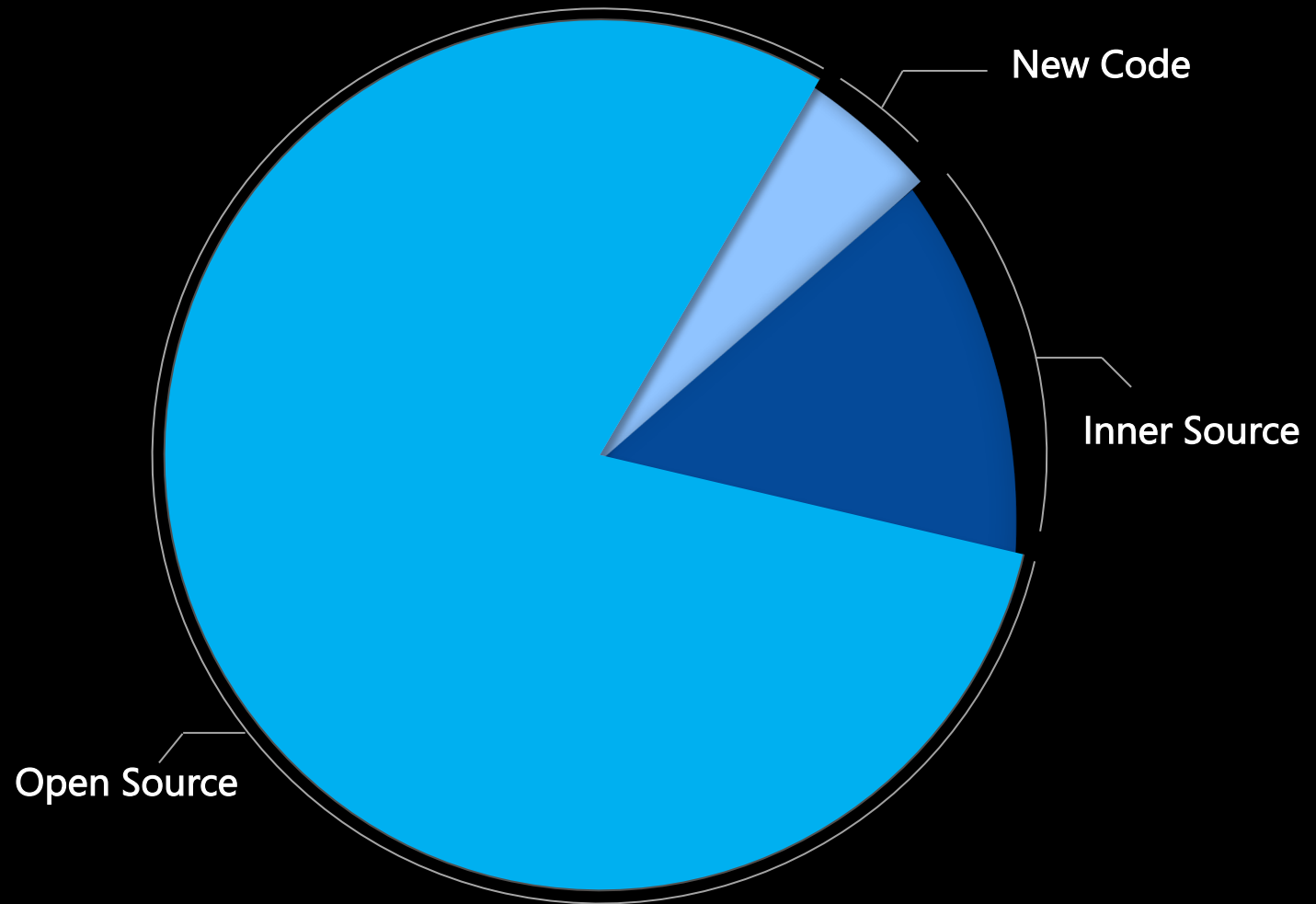
# Open source software in the Enterprise



of organizations make extensive use of open source



of new application development leverages open source software.



New Application Code

# Benefits

Gain professional experience

2014

2015

2016

2017

2018

2019

JavaScript

Python

Java

PHP

C#

C++

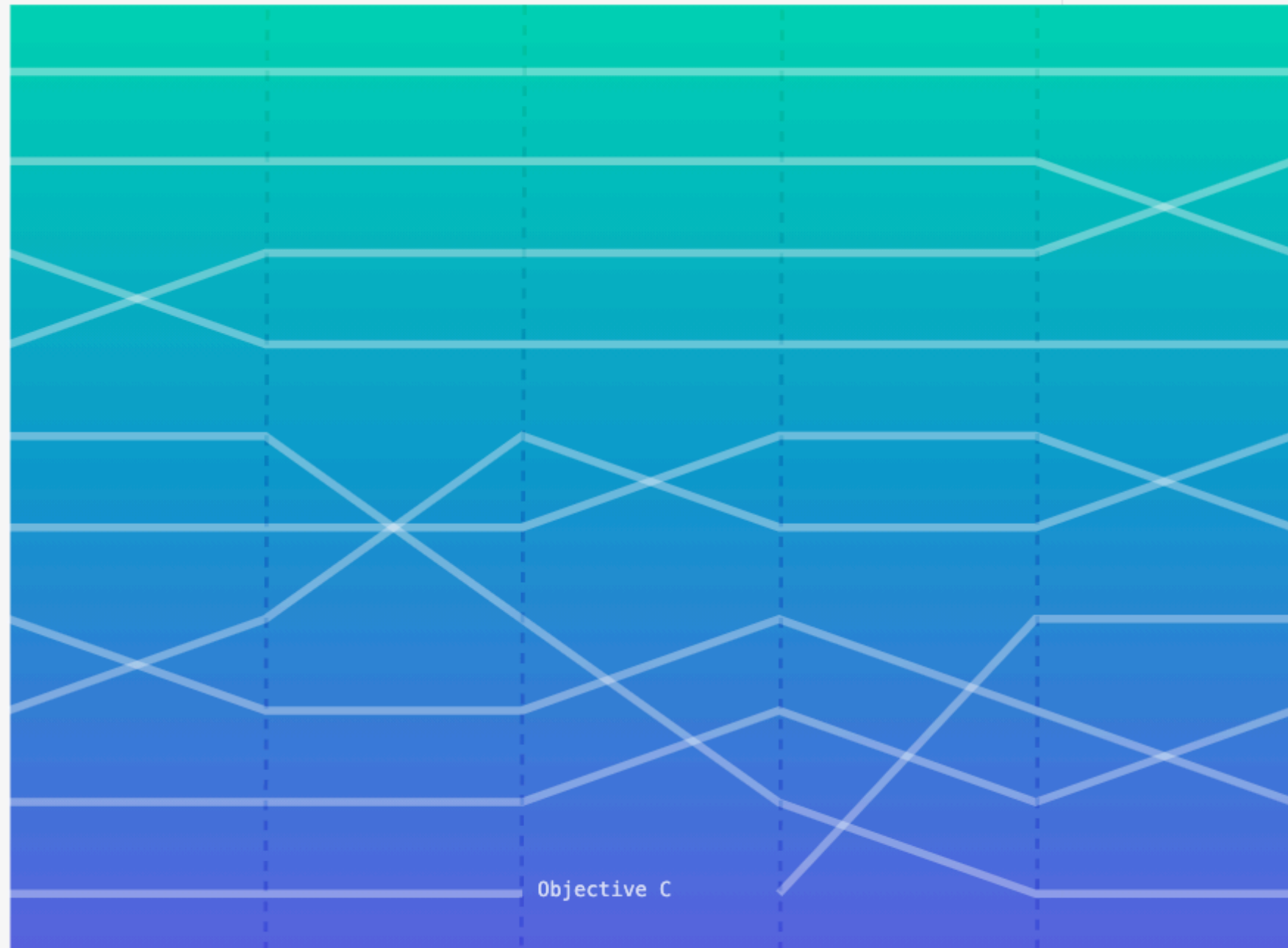
TypeScript

Shell

C

Objective C

Ruby



Build relationships

DevOps  
Day







- # organizers-team 1
- # moderators-team
- # speakers
- # welcome
- # event-help
- # help-for-sponsors

organizer-team

- Albert Cheung (he/...
- Brian Andersen
- Brian Devlin
- Chris Read
- Christian Herro (he...
- Hari Vedam(he/him)
- Jerry Cattell (he/hi...
- Joshua Goldman
- Kevin Reedy
- Margaret Valtierra

Video Connected

organizer-team / DevOpsD...

Video

Screen

kevinreedy

#5424

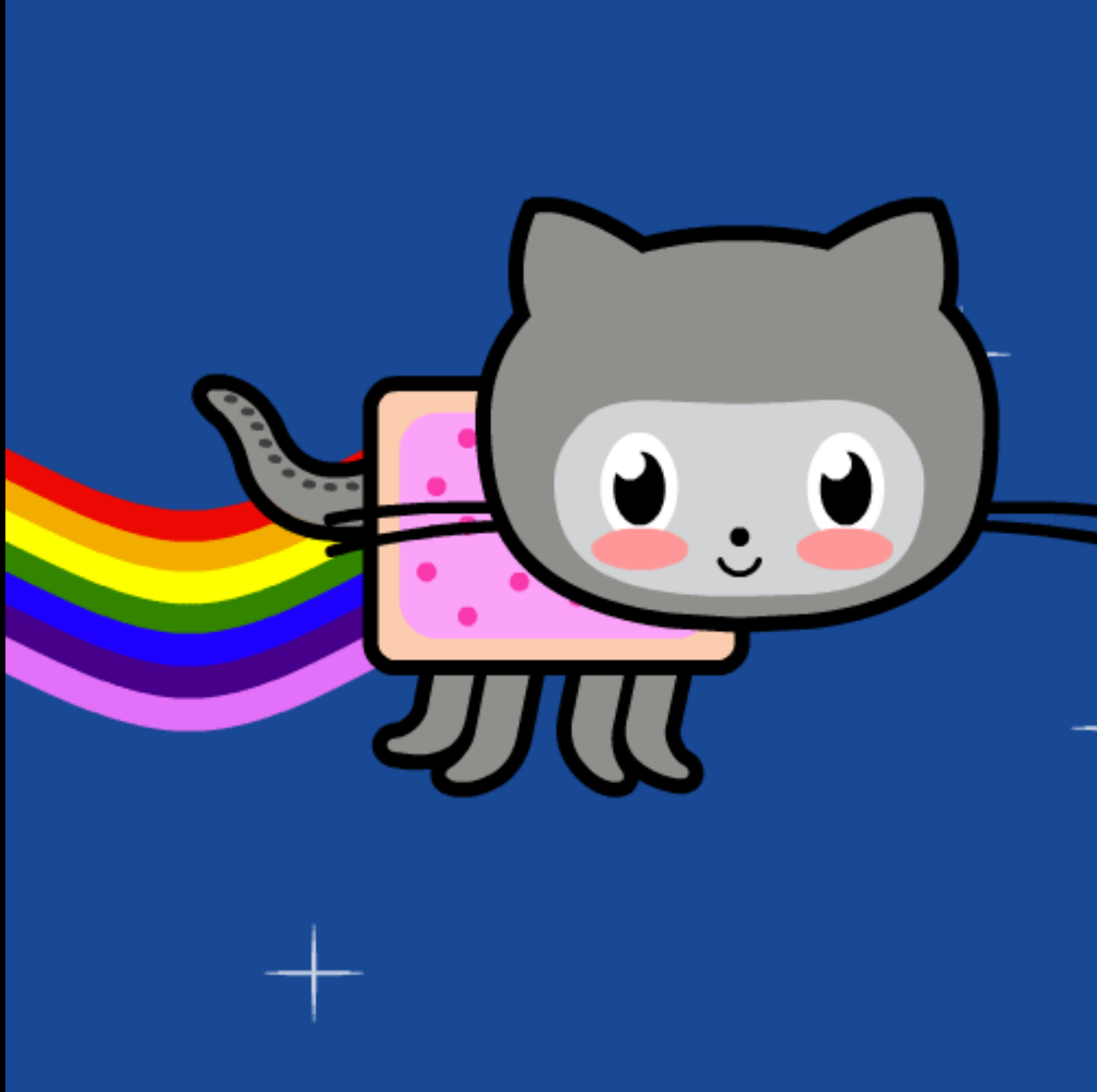
Choose your path

PROM ★ NIGHT ♥ SOON!!



Choose your own adventure





# Drawbacks

No official onboarding

Unintentional gate keeping







master

metasploit-framework / CODE\_OF\_CONDUCT.md

Go to file



ccondon-r7 Change individual contacts ✓

Latest commit 8ffa0f6 on Dec 13, 2018

History

1 contributor

52 lines (41 sloc) 2.45 KB

Raw

Blame



# Contributor Code of Conduct

As contributors and maintainers of this project, and in the interest of fostering an open and welcoming community, we pledge to respect all people who contribute through reporting issues, posting feature requests, updating documentation, submitting pull requests or patches, and other activities.

We are committed to making participation in this project a harassment-free experience for everyone, regardless of level of experience, gender, gender identity and expression, sexual orientation, disability, personal appearance, body size, race, ethnicity, age, religion, or nationality.

Examples of unacceptable behavior by participants include:

- The use of sexualized language or imagery
- Personal attacks
- Trolling or insulting/derogatory comments
- Public or private harassment

Don't be a jerk

Open source maintainers don't owe  
you anything

# Choosing a project

Not Kubernetes



**Paket**

@PaketManager

12k commits, 2.2k releases, 253 contributors, 3 million downloads from NuGet, 3.3 million downloads from GitHub and most importantly: 5 years of fun. Thank you!

1. A technology you want to gain experience with
2. A community where you can make a meaningful impact

# Getting started

Who do I talk to?

What do I work on?

How do I work on this?

Who do I talk to?



What do I work on?

# CONTRIBUTING.md

## Contributing

---

When contributing to this repository, please first discuss the change you wish to make via issue, email, or any other method with the owners of this repository before making a change.

Please note we have a code of conduct, please follow it in all your interactions with the project.

## Pull Request Process

---

1. Ensure any install or build dependencies are removed before the end of the layer when doing a build.
2. Update the README.md with details of changes to the interface, this includes new environment variables, exposed ports, useful file locations and container parameters.
3. Increase the version numbers in any examples files and the README.md to the new version that this Pull Request would represent. The versioning scheme we use is [SemVer](#).
4. You may merge the Pull Request in once you have the sign-off of two other developers, or if you do not have permission to do that, you may request the second reviewer to merge it for you.

## Code of Conduct

---

### Our Pledge

In the interest of fostering an open and welcoming environment, we as contributors and maintainers pledge to making participation in our project and our community a harassment-free experience for everyone, regardless of age, body size, disability, ethnicity, gender identity and expression, level of experience, nationality, personal appearance, race, religion, or sexual identity and orientation.

### Our Standards

Examples of behavior that contributes to creating a positive environment include:

- Using welcoming and inclusive language
- Being respectful of differing viewpoints and experiences
- Gracefully accepting constructive criticism
- Focusing on what is best for the community
- Showing empathy towards other community members

<https://github.com/DivineOps/kubeflow-and-mlops/contribute>



Search or jump to...



Pull requests

Issues

Codespaces


Marketplace

Explore

 **DivineOps / kubeflow-and-mlops**

forked from [aronchick/kubeflow-and-mlops](#)

< > Code

 Pull requests

 Actions

 Projects

 Wiki

 Security

 Insights

 Settings

# Contribute to DivineOps/kubeflow-and-mlops

Make your first contribution to this repository by tackling one of the issues listed below.



**This repo doesn't have any good first issues, yet**

Once its maintainers label issues and pull requests for new contributors, they will begin to appear here.

[All issues in this repository](#)



Search or jump to...



Pull requests

Issues

Codespaces

Marketplace

Explore



tensorflow / tensorflow

<> Code

ⓘ Issues 3.8k

🔗 Pull requests 189

▶ Actions

📁 Projects 1

🛡 Security 27

📊 Insights

# Contribute to tensorflow/tensorflow

Make your first contribution to this repository by tackling one of the issues listed below.

Each issue displayed here is a "good first issue," selected for its relative approachability for first-time contributors.

[Read the contributing guidelines](#)

tensorflow / CONTRIBUTING.md

## Good first issues

- |   |    |
|---|----|
| <b>`nan` gradient when `tf.where` is used</b> <span>TF 2.1</span> <span>TF 2.2</span> <span>comp:ops</span> <span>good first issue</span> <span>stat:contributions welcome</span> <span>type:bug</span> | 33 |
| <p>#38349 opened on Apr 8 by 0x0badc0de</p>   |    |
| <b>Count number of times `tf.function` is traced</b> <span>comp:core</span> <span>good first issue</span> <span>stat:contributions welcome</span> <span>type:feature</span>                             | 22 |
| <p>#37323 opened on Mar 4 by ammirato</p>   |    |
| <b>[TF 2.0 API Docs] tf.custom_gradient</b> <span>TF 2.0</span> <span>comp:ops</span> <span>good first issue</span> <span>stat:contributions welcome</span> <span>type:docs-bug</span>                  | 14 |
| <p>#26270 opened on Mar 1, 2019 by tsbertalan</p>   |    |
| <b>[TF 2.0 API Docs] tf.math.acos</b> <span>TF 2.0</span> <span>comp:ops</span> <span>good first issue</span> <span>stat:contributions welcome</span> <span>type:docs-bug</span>                        | 10 |
| <p>#25802 opened on Feb 16, 2019 by dynamicwebpaige</p>   |    |

How do I work on this?



 Expand All

## CONTRIBUTING

Introduction

## COMMUNITY >

Code of Conduct

Gatsby Style Guide

## TRANSLATING GATSBYJS.ORG >

## HOW TO CONTRIBUTE ^

How to File an Issue

How to Make a Reproducible Test Case

How to Open a Pull Request

How to Label an Issue

Triaging GitHub Issues

[Home](#) > [Contributing](#) > How to Contribute

# How to Contribute

We want contributing to Gatsby to be fun, enjoyable, and educational for anyone and everyone. All contributions are welcome, including issues, new docs as well as updates and tweaks, blog posts, workshops, and more.

## Not sure how to start contributing?

If you are worried or don't know where to start, check out our [where to participate](#) page. You can reach out with questions to [@AskGatsbyJS](#) on Twitter, and anyone from the Gatsby team on [Discord](#). You can also [submit an issue](#) and a maintainer can give you guidance!

## Pair programming

Gatsby.js offers free [pair programming sessions](#) to the community, if there's something you'd like to work on together. Get in touch with us if you have a question about contributing or an idea for something to pair on!

## TABLE OF CONTENTS

[Not sure how to start contributing?](#)

[Pair programming](#)



# Pair programming

Gatsby.js offers free [pair programming sessions](#) to the community, if there's something you'd like to work on together. Get in touch with us if you have a question about contributing or an idea for something to pair on!

[How to Open a Pull Request](#)

[How to Label an Issue](#)

[Triaging GitHub Issues](#)

Gatsby.js offers free [pair programming sessions](#) to the community, if there's something you'd like to work on together. Get in touch with us if you have a question about contributing or an idea for something to pair on!

Contribution  $\neq$  Code

# Documentation

Documentation is a love letter that you  
write to your future self

- Damian Conway

# Project management



63 lines (49 sloc) | 3.73 KB

Raw

Blame



# Express Triager Guide

## Issue Triage Process

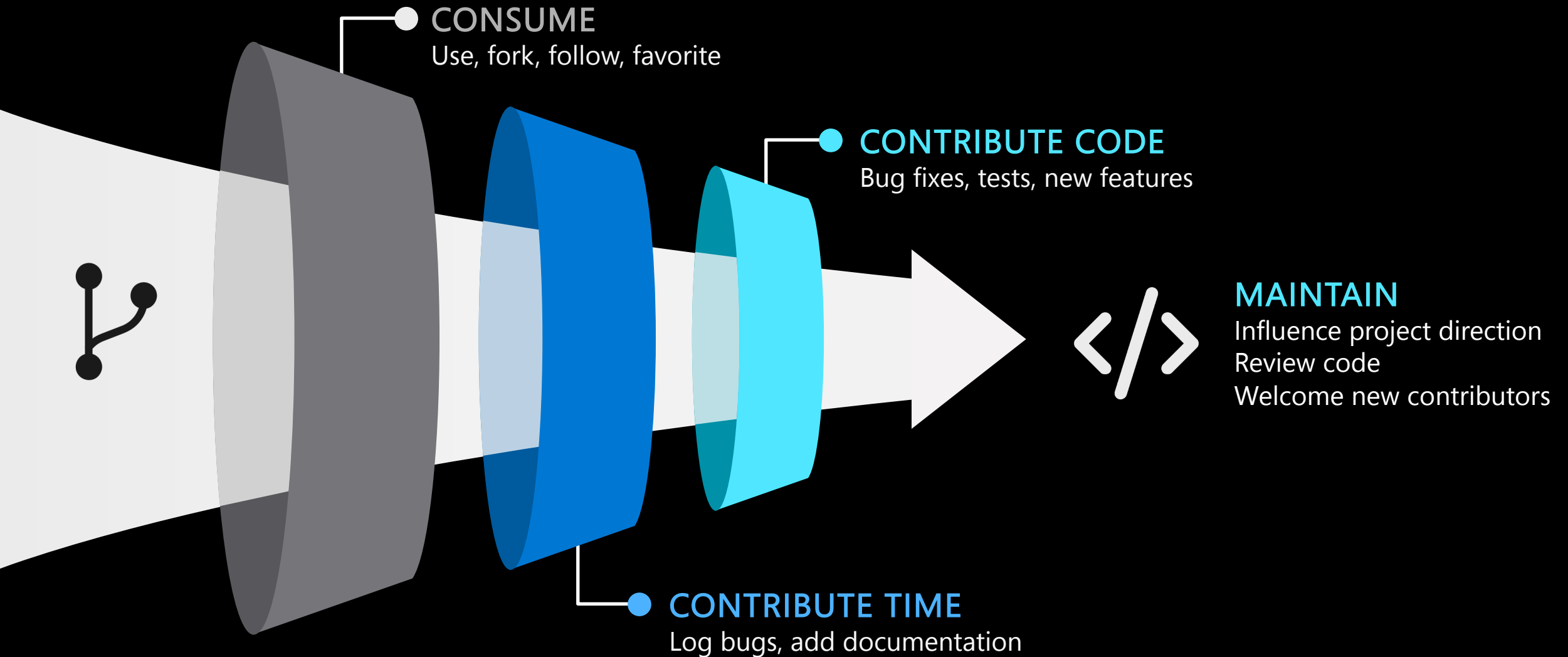
When a new issue or pull request is opened the issue will be labeled with `needs triage`. If a triage team member is available they can help make sure all the required information is provided. Depending on the issue or PR there are several next labels they can add for further classification:

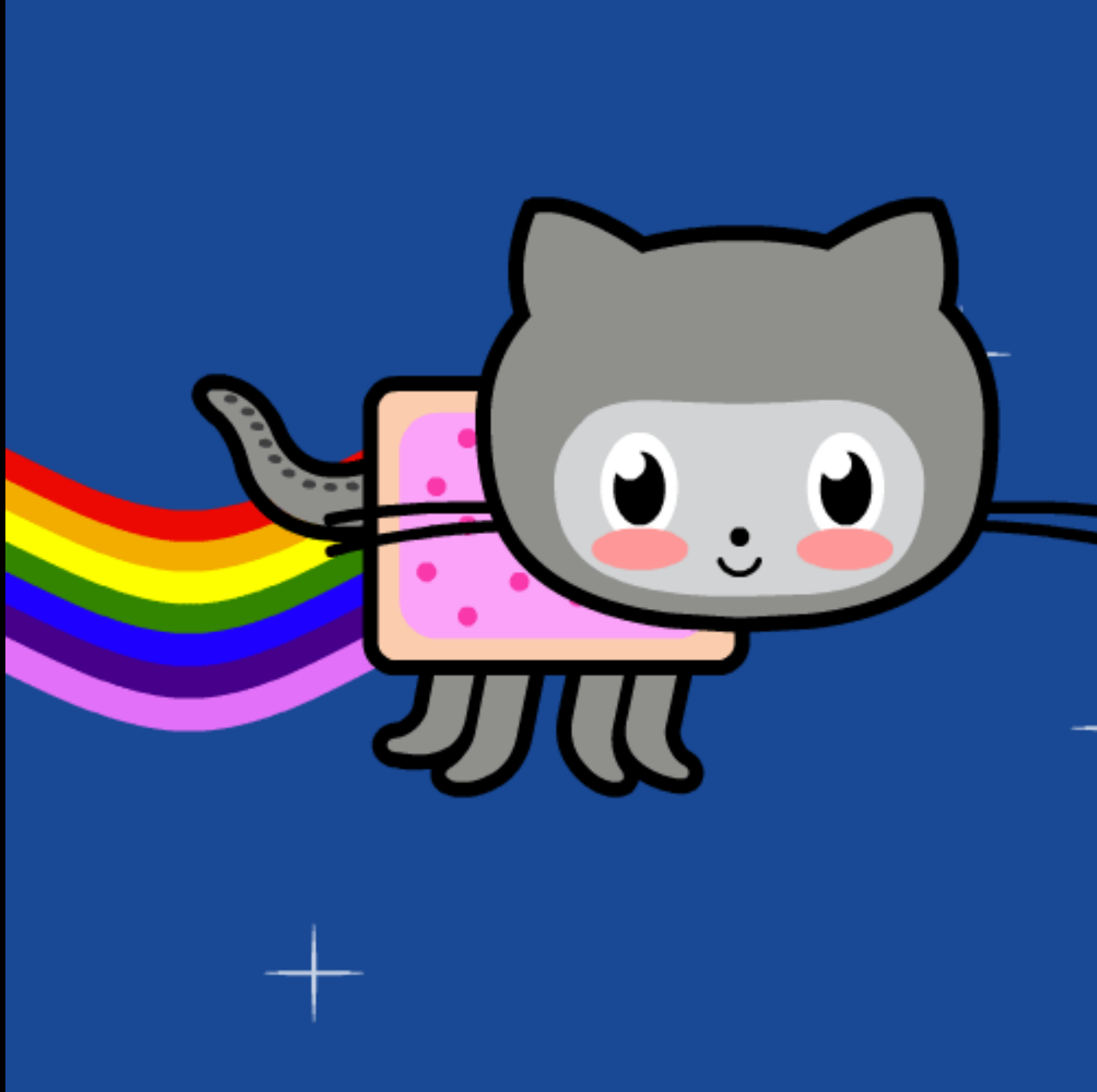
- `needs triage` : This can be kept if the triager is unsure which next steps to take
- `awaiting more info` : If more info has been requested from the author, apply this label.
- `question` : User questions that do not appear to be bugs or enhancements.
- `discuss` : Topics for discussion. Might end in an `enhancement` or `question` label.
- `bug` : Issues that present a reasonable conviction there is a reproducible bug.
- `enhancement` : Issues that are found to be a reasonable candidate feature additions.

**It is not all about PRs!**

Code

# Contribution Funnel








**Hacktoberfest  
2020**

<https://hacktoberfest.digitalocean.com/>



Meaningful contributions,  
NOT spam!




**Gary Ewan Park**  
@gep13

I didn't think @hacktoberfest started until tomorrow?!?  
#MaintainerLife

Clear current search query, filters, and sorts

🔍 9 Open ✓ 650 Closed

Author	Label	Assignee	Sort
🔍 Some minor changes to the README.md	"hacktoberfest" invalid		
#991 by DirtyToiletPaper was closed 1 minute ago			
🔍 comment in json setting file because anyone can find any things clearly ✓	"hacktoberfest" invalid		
#990 by anant231 was closed 40 minutes ago			
🔍 Improved Docs ✓	"hacktoberfest" invalid		
#989 by aveshrayeen was closed 1 hour ago			
🔍 Blog improvement ✓	"hacktoberfest" invalid		
#988 by Reyansh99 was closed 1 hour ago			
🔍 Adding thank you in README.md ✓	"hacktoberfest" invalid		
#987 by IRFANSARI was closed 1 hour ago			



**David Wengier**  
@davidwengier

Seems like the honey pot for Hacktoberfest spam is to have a repo named "website"...

It's just a t-shirt people! The idea is to contribute meaningfully to open source 🙌

☐ 🔍 Thank you 😊, Added 🌱 ✖

#24272 by Alexjr977 was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Improve Docs 🌱 ✖

#24271 by CmeherGit was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Improved Docs 🌱 ✖

#24281 by Addiyali1 was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Update concepts.md 🌱 ✖

#24282 by SangtaniAryan was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Updated Readme 🌱 ✖

#24268 by meetpatel125 was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/S

☐ 🔍 sentence spelling docs 🌱 ✖

#24280 by misbah9105 was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Updated Documentation 🌱 ✖

#24283 by saksham-git was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 improved color quility 🌱 ✖

#24284 by vikram-3118 was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Improved Docs 🌱 ✖

#24267 by rvdhiver was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

☐ 🔍 Imporved The Docs 🌱 ✖

#24264 by zeeshantheDev590 was closed 3 hours ago ⌚ updated 3 hours ago

cncf-cla: no sig/docs size/XS

🔍 Improved Docs digitalocean hacktoberfest spam

#41 by rishabh323 was closed 10 hours ago

🔍 Update README.md digitalocean hacktoberfest spam

#40 by abhinav-bit was closed 12 hours ago

🔍 Updated README.md digitalocean hacktoberfest spam

#39 by Vishal-Aggarwal0305 was closed 12 hours ago

🔍 Inspired digitalocean hacktoberfest spam

#38 by faizan7800 was closed 12 hours ago

🔍 correct a spell digitalocean hacktoberfest spam

#37 by SaifVeesar was closed 12 hours ago

🔍 Some small changes digitalocean hacktoberfest spam

#36 by rajaramrom was closed 12 hours ago

🔍 updated headlines to look more awesome digitalocean hacktoberfest

#35 by mohitkedia-github was closed 12 hours ago

🔍 Improve Docs digitalocean hacktoberfest spam

#34 by rkgupta95 was closed 12 hours ago

🔍 Improve Docs digitalocean hacktoberfest spam

#33 by Arpus87 was closed 12 hours ago

🔍 Improve Docs digitalocean hacktoberfest spam

#32 by MrIconic27 was closed 12 hours ago

🔍 Updated the ReadMe.md digitalocean hacktoberfest spam

#31 by iamsandeepprasad was closed 12 hours ago

🔍 Updated README.md digitalocean hacktoberfest spam

#30 by ANKUSHSINGH-PAT was closed 12 hours ago

🔍 Update README.md digitalocean hacktoberfest spam

#29 by Mahaveer173 was closed 12 hours ago

🔍 Improved Docs Update README.md digitalocean hacktoberfest spam

#28 by Harshit-Taneja was closed 12 hours ago



**Ali Spittel** 🐞

@ASpittel



idk who needs to hear this but a t-shirt isn't worth the maintainer annoyance and negative energy you'll get from spamming Hacktoberfest.

it's not a good career move folks.

8:59 AM · Oct 1, 2020 · TweetDeck

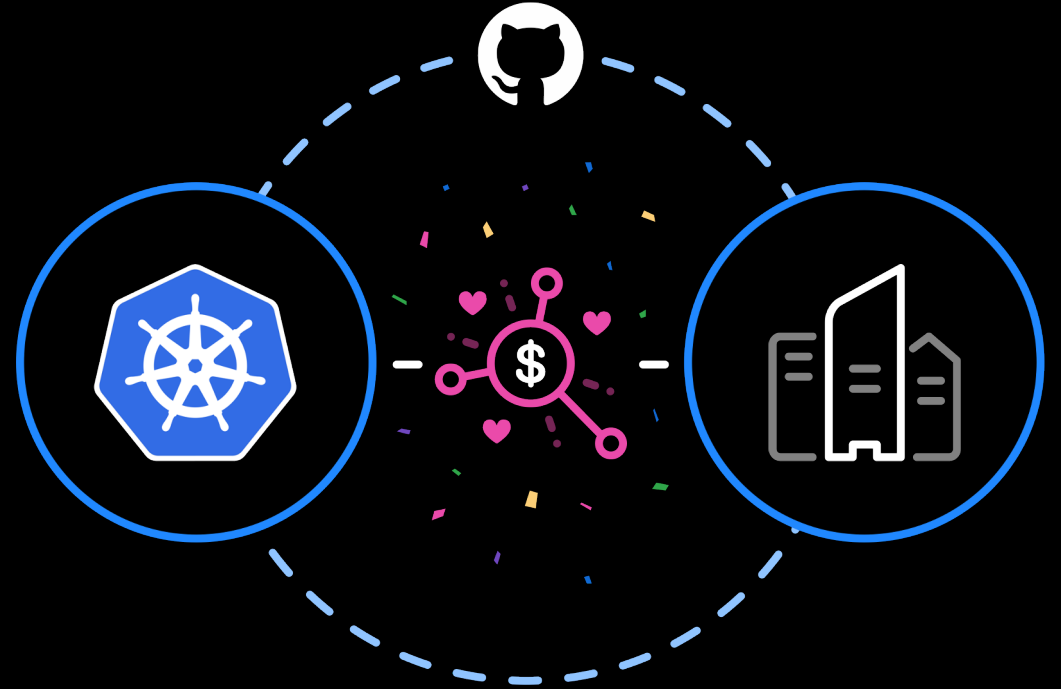
---

**27** Retweets   **2** Quote Tweets   **163** Likes

# Other ways to support the OSS community

# GitHub Sponsors

Directly help fund the success of the projects in your supply chain





Search or jump to...



Pull requests

Issues

Codespaces

Marketplace

Explore



GitHub Sponsors for organizations is now generally available in **32 regions!**

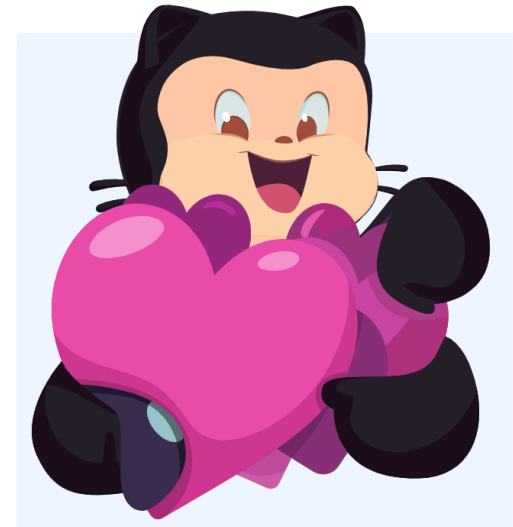
Keep an eye out as we keep rolling out new features. Sign up individually or as an organization for GitHub Sponsors below.

GitHub Sponsors

# Fund your work. Build what matters.

Connect with the community that depends on your work.  
Receive recurring funds to build our shared digital infrastructure.

Join the waitlist ▾



Mona Lisa

octocat

♥ Sponsoring

Hi, I'm Mona, the GitHub Octocat!  
I love to code and tinker. Best friends with Hubot.



**Brian Douglas**

@bdougieYO



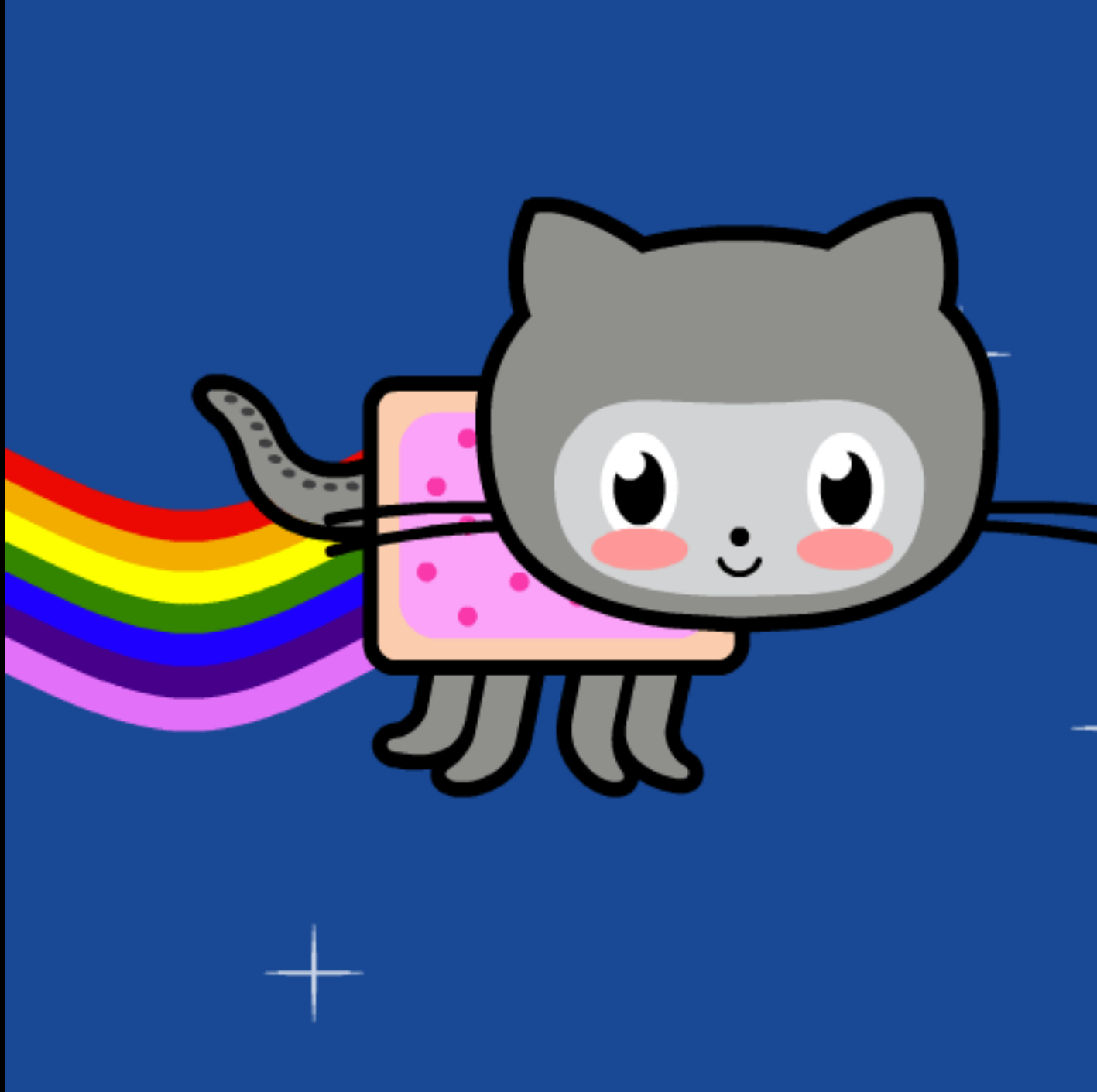
If you identify as black and have enabled [@GitHub](#) Sponsors, reply with a link to your profile. I would love to sponsor the work you do in open source for the next year and I am sure there are others willing to do so as well.

Let's exercise some privilege here.

11:38 AM · Jun 6, 2020 · Twitter Web App

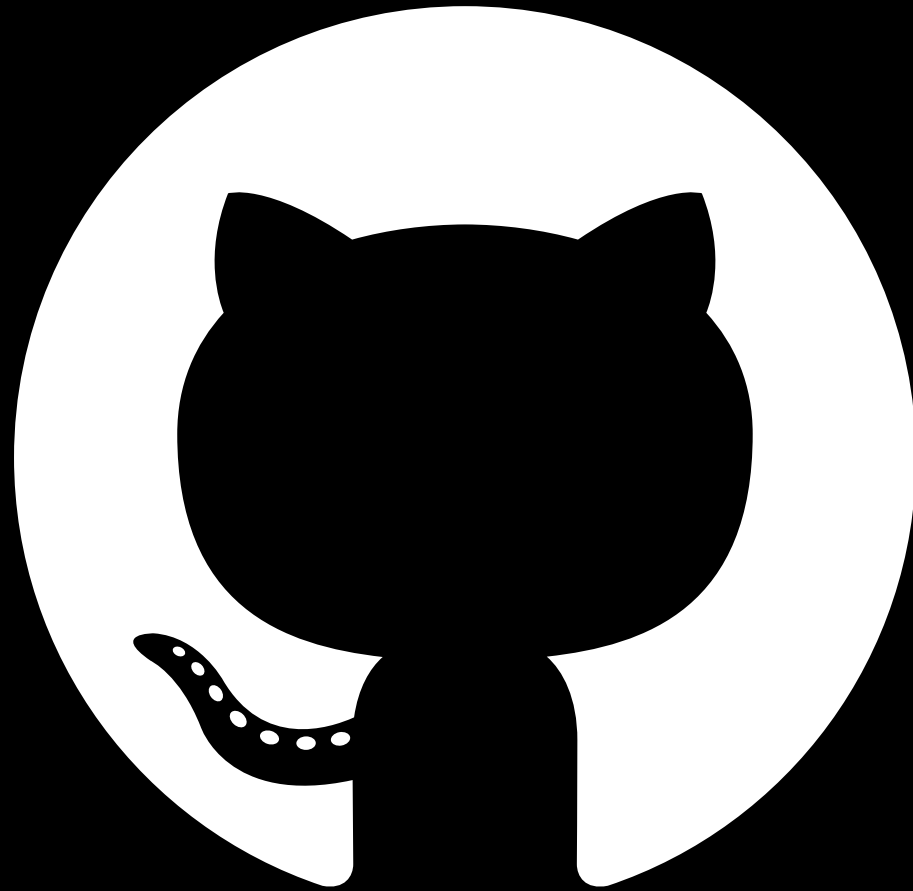
---

**389** Retweets   **19** Quote Tweets   **812** Likes



Stay Safe!

Thank you!



@DivineOps