



Contributing to Open Source Project



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So Why? -_(\ツ)_/ -

- 
- Improving the software you've been using
 - Improving existing skills
 - Building a network with people with the similar interest
 - Finding/Becoming mentors
 - Learning soft-skills
 - Showcasing your own skills (may be useful for you future career as well)



Matt Klein
@mattklein123

The perception in our industry that you need to "love what you do," "focus on your side projects," "nerd out," and generally "hustle," drives me batty. It is 100% fine to be here purely for the 💰. 🇺🇸



mrkwzt @rmrkwzt · 11 Jul

Replying to @mattklein123 and @abbyfuller

Genuine question: is there really no other reason than money? I see you work at Lyft and are the creator of a really nice piece of software. Money can't be the only thing that drives you?

7:14 pm · 11 Jul 2020 · Twitter for Android

159 Retweets 21 Quote Tweets 908 Likes



Matt Klein @mattklein123 · 11 Jul
Replying to @mattklein123

The last time I owned a computer that was not provided by work was about 20 years ago. I have never had a side project. My hobbies have nothing to do with technology.

💬 2

🔄 1

❤️ 104



Matt Klein @mattklein123 · 11 Jul

I am here because if I need to make money to support my family, lifestyle, interests, and causes, working for internet companies is about as spoiled/privileged a way to do it as possible.

💬 2

🔄 4

❤️ 76



Matt Klein @mattklein123 · 11 Jul

To be clear, I DO like technology, and I'm certainly driven by the impact I have had on the industry, but this is all secondary to the money (and in the US sadly health insurance), and not without a tremendous amount of stress and anxiety over the years.

💬 1

🔄 2

❤️ 106



Matt Klein @mattklein123 · 11 Jul

Next time anyone asks about your side projects, hobbies, etc. as it relates to your job, tell them that it's irrelevant to job performance, and to stop asking. We are all here for different reasons, and a fast path to 💰/retirement/other interests is as good as any.

💬 7

🔄 11

❤️ 162

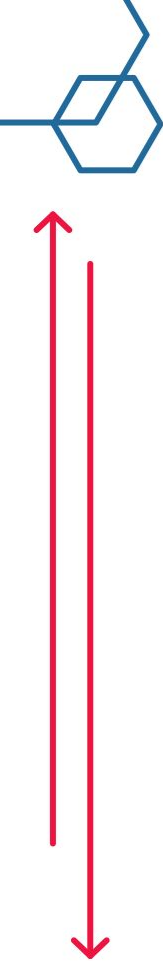


Of course there's lots of various reasons as well :D





Finding a Place to Start...

Contributing to open source happens at all levels, across projects. You don't need to overthink what exactly your first contribution will be, or how it will look like.



What if I'm not technical enough to contribute?
What if I don't know how to code?
What if something goes wrong?



“Contributing is not only about code.
It is about helping a community.”

- Nikhita Raghunath

All Contributions are Welcome!



Issues



Code



Examples



Security



Ideas




Documentations

And many more..



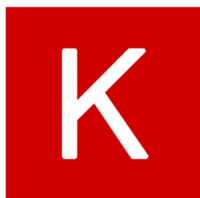
Getting to Know Your Project Better

- 
- Take a look into the LICENSE
 - Take a look into the CONTRIBUTING
 - Take a look into the CODE_OF_CONDUCT
 - Take a look into the governance, other docs



LICENSE

Keras: Deep Learning for humans



Keras

build failing license MIT

master

kubernetes / LICENSE



kubernetes/kubernetes is licensed under the
Apache License 2.0

A permissive license whose main conditions require preservation of copyright and license notices. Contributors provide an express grant of patent rights. Licensed works, modifications, and larger works may be distributed under different terms and without source code.

<https://choosealicense.com/>

Choose an open source license

An open source license protects contributors and users. Businesses and savvy developers won't touch a project without this protection.

Which of the following best describes your situation?



I need to work in a community.

Use the **license preferred by the community** you're contributing to or depending on. Your project will fit right in.

If you have a dependency that doesn't have a license, ask its maintainers to **add a license**.



I want it simple and permissive.

The **MIT License** is short and to the point. It lets people do almost anything they want with your project, like making and distributing closed source versions.

Babel, **.NET Core**, and **Rails** use the MIT License.



I care about sharing improvements.

The **GNU GPLv3** also lets people do almost anything they want with your project, except distributing closed source versions.

Ansible, **Bash**, and **GIMP** use the GNU GPLv3.

What if none of these work for me?

My project isn't software.

There are licenses for that.

I want more choices.

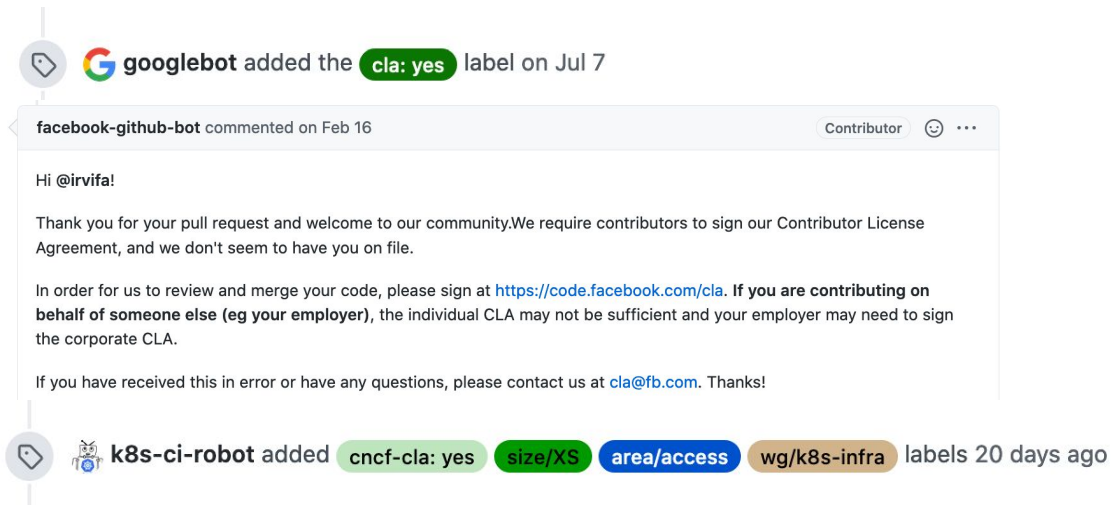
More licenses are available.


I don't want to choose a license.


Here's what happens if you don't.

CONTRIBUTING

- Usually in CONTRIBUTING file in the repo
 - May be asked for CLA signing



 **googlebot** added the **cla: yes** label on Jul 7

 **facebook-github-bot** commented on Feb 16


Contributor

Hi @irvifa!

Thank you for your pull request and welcome to our community. We require contributors to sign our Contributor License Agreement, and we don't seem to have you on file.

In order for us to review and merge your code, please sign at <https://code.facebook.com/cla>. If you are contributing on behalf of someone else (eg your employer), the individual CLA may not be sufficient and your employer may need to sign the corporate CLA.

If you have received this in error or have any questions, please contact us at cla@fb.com. Thanks!

 **k8s-ci-robot** added **cncf-cla: yes** **size/XS** **area/access** **wg/k8s-infra** labels 20 days ago

CODE_OF_CONDUCT

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
- Publishing others' private information, such as physical or electronic addresses, without explicit permission
- Other unethical or unprofessional conduct.

Project maintainers have the right and responsibility to remove, edit, or reject comments, commits, code, wiki edits, issues, and other contributions that are not aligned to this Code of Conduct. By adopting this Code of Conduct, project maintainers commit themselves to fairly and consistently applying these principles to every aspect of managing this project. Project maintainers who do not follow or enforce the Code of Conduct may be permanently removed from the project team.

This code of conduct applies both within project spaces and in public spaces when an individual is representing the project or its community.

Instances of abusive, harassing, or otherwise unacceptable behavior in Kubernetes may be reported by contacting the [Kubernetes Code of Conduct Committee](#) via conduct@kubernetes.io. For other projects, please contact a CNCF project maintainer or our mediator, Mishi Choudhary mishi@linux.com.

This Code of Conduct is adapted from the Contributor Covenant (<http://contributor-covenant.org>), version 1.2.0, available at <http://contributor-covenant.org/version/1/2/0/>

CNCF Events Code of Conduct

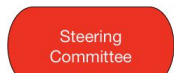
CNCF events are governed by the Linux Foundation [Code of Conduct](#) available on the event page. This is designed to be compatible with the above policy and also includes more details on responding to incidents.

<https://github.com/cncf/foundation/blob/master/code-of-conduct.md>

Governance



Kubernetes Community Governance Model



Steering Committee

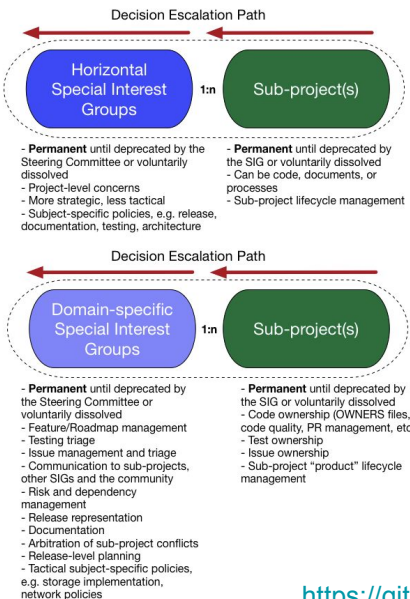
Sub-committees

- Project-level governance
- Binding/final arbitration
- Management of sub-structures
- Security process management
- Manage project-level policies such as the Code of Conduct



Working Group

- Organized to solve a **specific problem** then **dissolve**
- Cross-SIG collaboration around a specific effort
- Does not own code
- Can spawn sub-projects in participating SIGs
- Define and address gaps



Subproject Owner

Set priorities and approve proposals for subproject
Responsibility and leadership for entire repository/directory

Approver

Approve contributions for acceptance
Highly experienced reviewer and contributor in subproject

Reviewer

History of reviewing; reviews frequently
Authorship in subproject

Member

Active contributor to the project
Sponsored by two Reviewers

Non-member Contributors

<https://github.com/kubernetes/community/blob/master/governance.md>



Communications and Archives

- Mailing list
- Issues tracker and Pull Requests(PRs), nowadays people are using git
- Slack

Lurk Around

- ✓ Ok to feel intimidated!
- ✓ Start small!

Get an idea of:

- **Who** is working on what
- What **tasks** are being worked on
- What's on the **roadmap**



@TheNikhita

Choose What to Work On

Check the labels of your SIG


<https://github.com/kubernetes/kubernetes/issues>

Look for the **help wanted** label

Denotes an issue that needs help from a contributor.
Must meet "help wanted" guidelines.

Start with **good first issue** labeled issues

Denotes an issue ready for a new contributor,
according to the "help wanted" guidelines.

 Want to contribute to kubernetes/kubernetes?
 Dismiss

If you have a bug or an idea, read the [contributing guidelines](#) before opening an issue.
If you're ready to tackle some open issues, we've collected some good first issues for you.

Filters
Labels 190
Milestones 16
New issue

Clear current search query, filters, and sorts

2,115 Open	28,100 Closed	Author	Labels	Projects	Milestones	Assignee	Sort
Volumes are created in container with root ownership and strict permissions area/docker 182							
area/security area/usability kind/cleanup kind/feature priority/important-soon sig/node sig/storage							
#2630 opened on Nov 26, 2014 by carlossg next-candidate							
Node flapping between Ready/NotReady with PLEG issues area/reliability kind/bug 174							
sig/network sig/node triage/unresolved							
#45419 opened on May 5, 2017 by deitch v1.15							
Umbrella issue for the Linux Foundation (CNCF) CLA system lifecycle/frozen 152							
sig/contributor-experience							
#27796 opened on Jun 21, 2016 by caniszczyk UX Backlog - Sta...							
Facilitate ConfigMap rollouts / management area/app-lifecycle area/configmap-api 141							
area/declarative-configuration priority/backlog sig/apps sig/service-catalog							
#22368 opened on Mar 2, 2016 by bgrant0607							
Pods stuck on terminating kind/bug sig/storage 141							

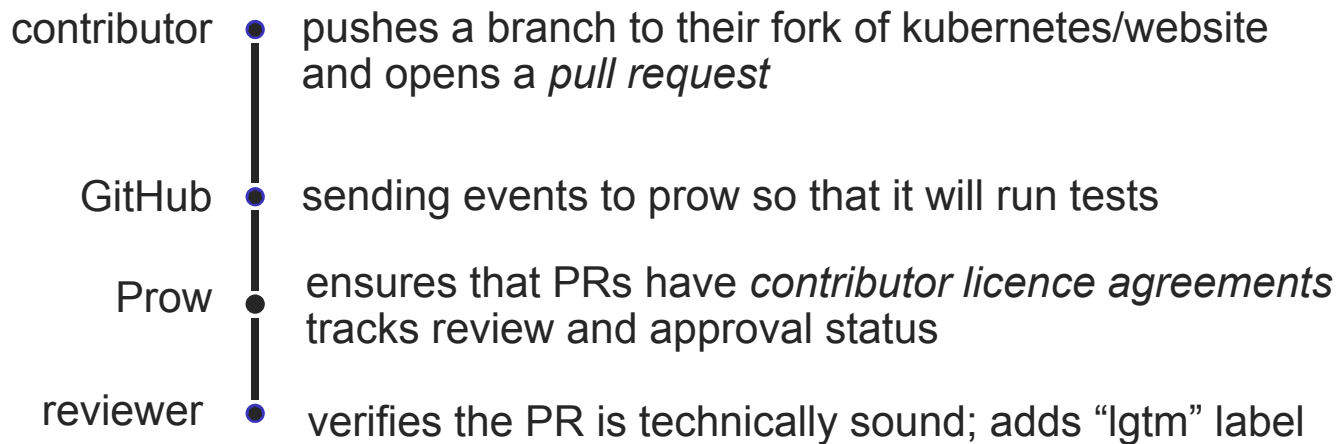


Communicating Effectively

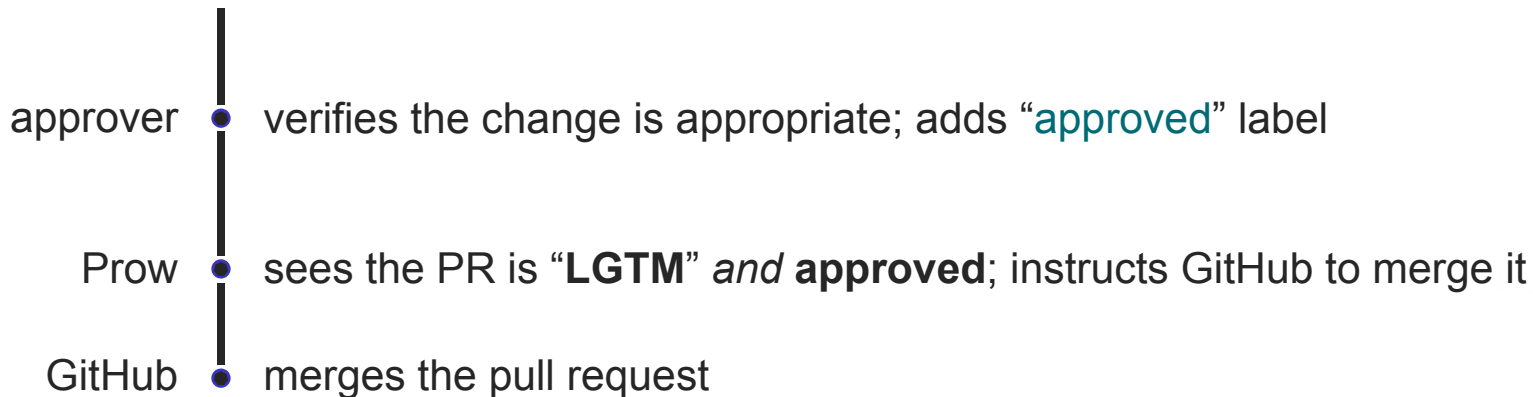


- Give a context
 - Help others get quickly up to speed, explain your idea
- Before asking for help try to find what you need in the archives, docs, or even README
- Keep it short and direct
- Keep communication public, this helps especially if this likely asked by the others as well
 - unless you need to share sensitive information
- It's okay to ask questions, but maintain expectation as well since there's timezone difference etc

Submitting a Pull Requests (PR)




Submitting a Pull Requests (PR)





After Submitting a PR

- 
- 😞 You don't get a response
 - 🚧 Someone requests changes to your PR
 - ❌ Your contribution doesn't get accepted
 - 🎉 Your contribution gets accepted



Thanks!

Q&A

if there's any :D