# Contributing to Open Source Project

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OICNDI
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vmware boer technology ONF

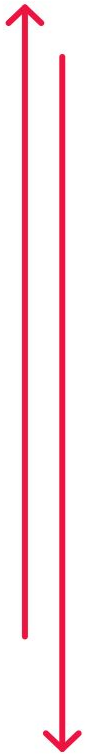
# So Why? ¯_(ツ)_/¯

- 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)


# 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!

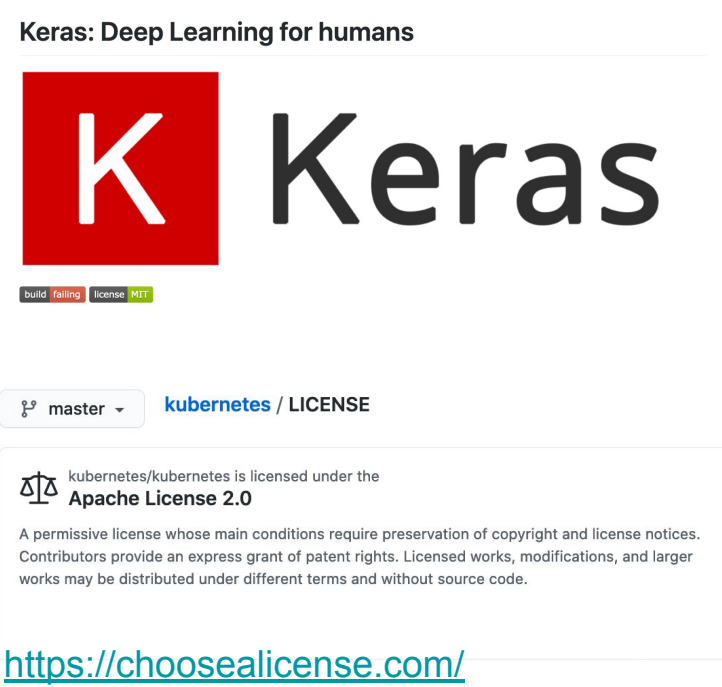
- 🐛 Issues
- 💻 Code
- 📓 Examples
- 🔒 Security
- 🤔 Ideas
- 🔖 Documentations

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

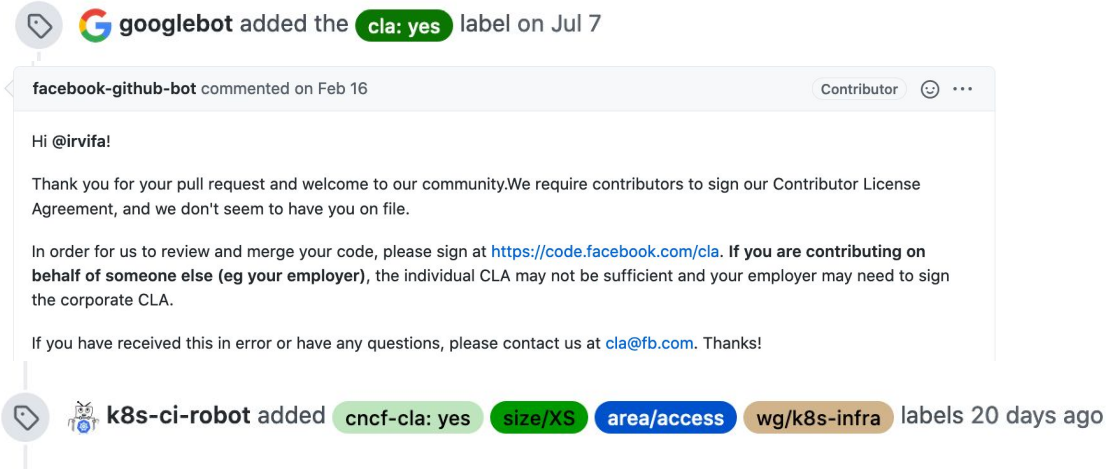




https://choosealicense.com/

# CONTRIBUTING

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



# 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.

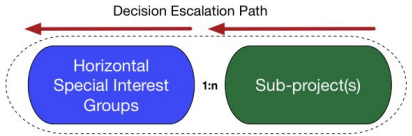
https://github.com/cncf/foundation/blob/master/code-of-conduct.md

# Governance

Kubernetes Community Governance Model

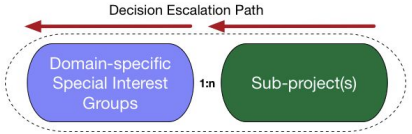

- Project-level governance
- Binding/final arbitration
- Management of sub-structures
- Security process management
- Manage project-level policies such as the Code of Conduct


- 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




- **Permanent** until deprecated by the Steering Committee or voluntarily dissolved
- Project-level concerns
- More strategic, less tactical
- Subject-specific policies, e.g. release, documentation, testing, architecture

- **Permanent** until deprecated by the SIG or voluntarily dissolved
- Can be code, documents, or processes
- Sub-project lifecycle management




- **Permanent** until deprecated by the Steering Committee or voluntarily dissolved
- Feature/Roadmap management
- Testing triage
- Issue management and triage
- Communication to sub-projects, other SIGs and the community
- Risk and dependency management
- Release representation
- Documentation
- Arbitration of sub-project conflicts
- Release-level planning
- Tactical subject-specific policies, e.g. storage implementation, network policies

- **Permanent** until deprecated by the SIG or voluntarily dissolved
- Code ownership (OWNERS files, code quality, PR management, etc.)
- Test ownership
- Issue ownership
- Sub-project "product" lifecycle management

**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**

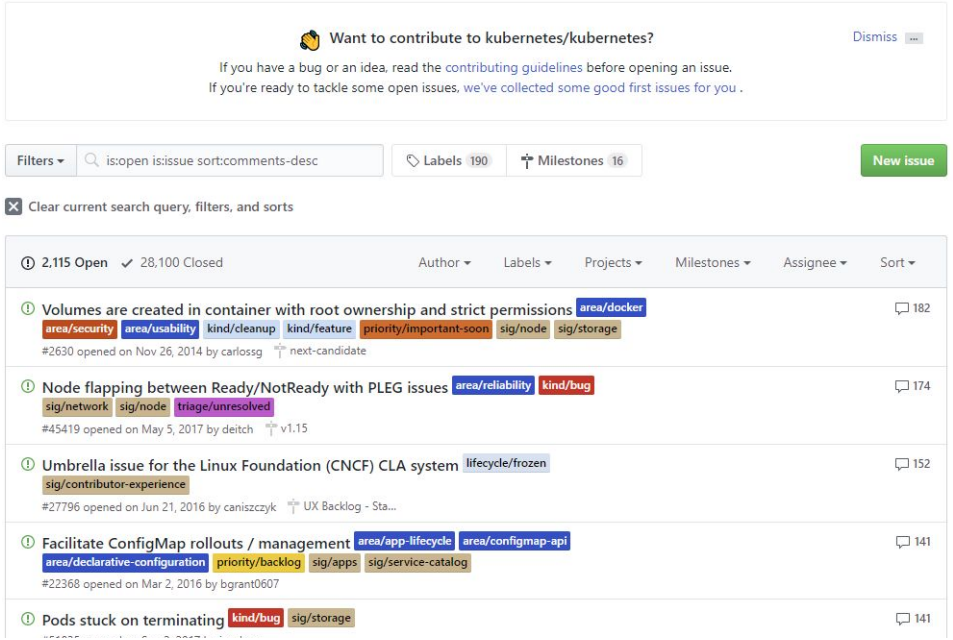
https://github.com/kubernetes/kubernetes/issues

**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**

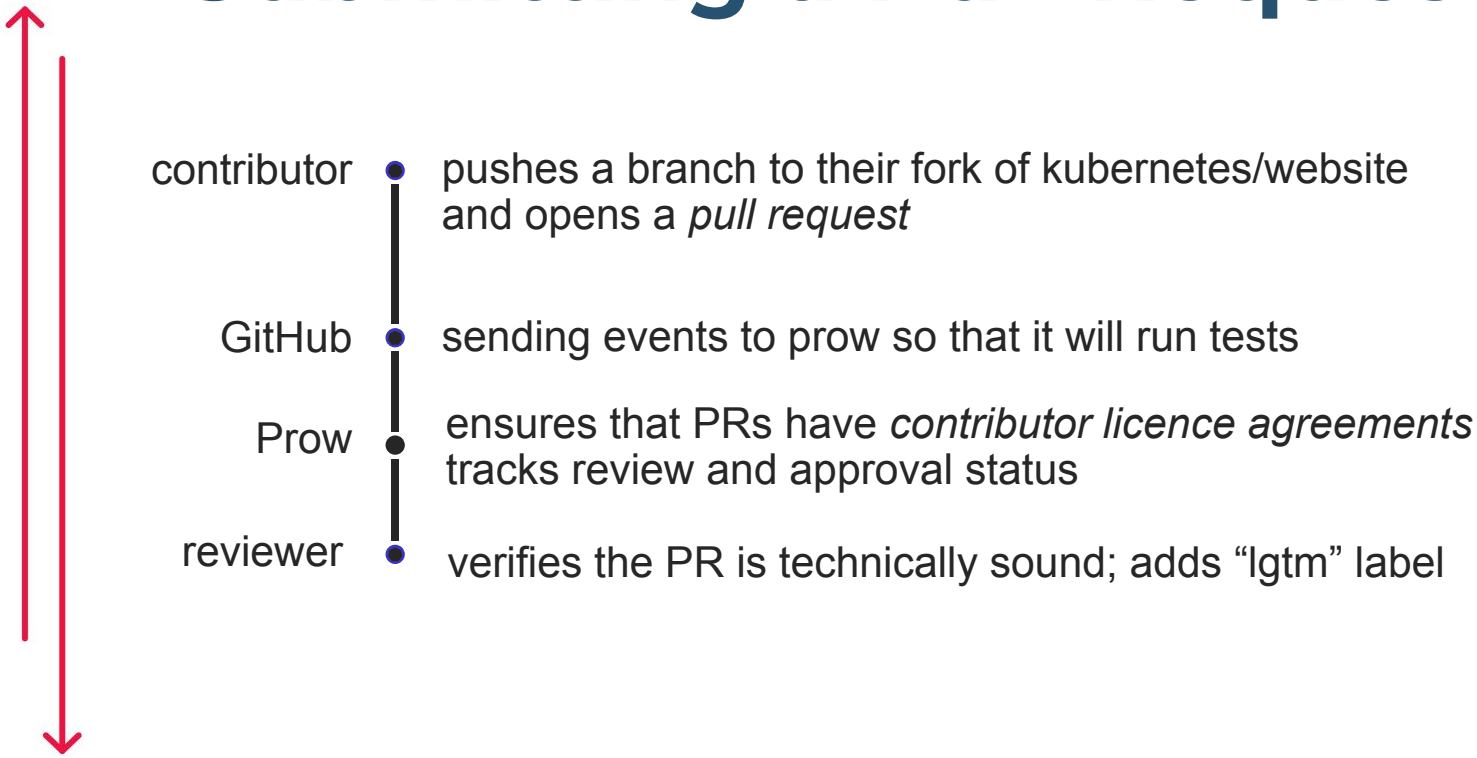
Denotes an issue ready for a new contributor, according to the "help wanted" guidelines.



# 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)

| | |
|---|---|
| approver | verifies the change is appropriate; adds “approved” label |
| Prow | sees the PR is “**LGTM**” *and* **approved**; instructs GitHub to merge it |
| GitHub | merges the pull request |

# 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

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# Thanks!

## Q&A

### if there's any :D