

Welcome to Kubernetes SIG Contributor Experience



kubernetes

Who are we?



Kaslin Fields
@kaslinfields

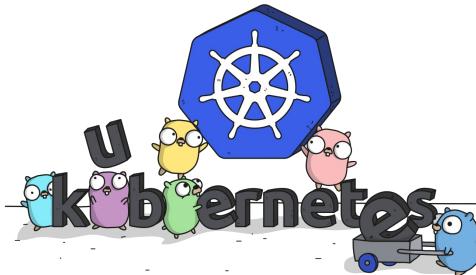


Madhav Jivrajani
@MadhavJivrajani



Nabarun Pal
@theonlynabarun

What is the Kubernetes Community



#6 OSS project by developer activity*

#7 project by Pull Requests*

Community Stats (Oct 2022)	
Contributors	73,000~
Org Members	1700+
Repos	328
Pull Requests	253,000+
Slack	163,000~

Source: [devstats](#)

* As of 2022-10-04 - [Ref: CNCF Velocity Report](#)



Who are we?





What we do

"The Contributor Experience Special Interest Group (SIG) is responsible for improving the experience of those who upstream contribute to the Kubernetes project. We do this by creating, and maintaining programs and processes that promote community health and reduce project friction, while retiring those programs and processes that don't. Being conscientious of our contributor base is critical to scaling the project, growing the ecosystem, and helping the project succeed."

- [SIG Contributor Experience Charter](#)

First things first

- Community Group List:
<https://k8s.dev/groups>
- Community Meeting List:
<https://k8s.dev/calendar>



SIGs and Working Groups

Most community activity is organized into Special Interest Groups (SIGs), time bounded Working Groups, and the [community meeting](#).

SIGs follow these [guidelines](#) although each of these groups may operate a little differently depending on their needs and workflow.

Each group's material is in its subdirectory in this project.

When the need arises, a new SIG can be created

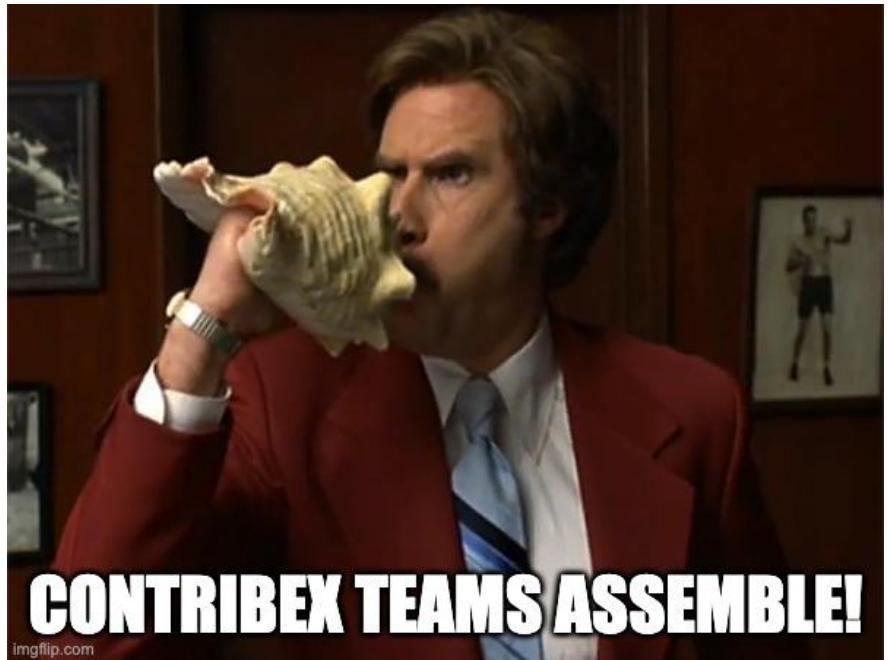
Master SIG List

Name	Label	Chairs	Contact	Meetings
API Machinery	api-machinery	* David Eads, Red Hat * Federico Bongiovanni, Google	* Slack * Mailing List	* Kubebuilder and Controller Runtime Meeting: Wednesdays at 10:00 PT (Pacific Time) (monthly - second Wednesday every month) * Regular SIG Meeting: Wednesdays at 11:00 PT (Pacific Time) (biweekly)
Apps	apps	* Janet Kuo, Google * Kenneth Owens, Google * Matt Farina, Samsung SDS * Adnan Abdulhussein, VMware	* Slack * Mailing List	* Regular SIG Meeting: Mondays at 9:00 PT (Pacific Time) (biweekly)
Architecture	architecture	* Derek Carr, Red Hat * Davanum Srinivas, VMware	* Slack * Mailing List	* Enhancements Subproject Meeting: Tuesdays at 8:30 PT (Pacific Time) (biweekly) * Production Readiness Office Hours: Wednesdays at 12:00 PT (Pacific Time) (biweekly) * Regular SIG Meeting: Thursdays at 19:00 UTC (biweekly)

Teams



- Events
- Contributor Comms
- GitHub Admins
- Moderators
- “Community Managers”





How we do it...subprojects

- **Community** - Owns and manages overall community repo, including community group documentation and operations.
- **Community Management** - Manages operations and policy for upstream community group communication platforms.
- **Contributor Documentation** - Writes and maintains documentation around contributing to Kubernetes, including the Contributor's Guide, Developer's Guide, and contributor website.
- **Contributor Comms** - Amplifying the success of and distributing information to Kubernetes contributors.

<https://git.k8s.io/community/sig-contributor-experience#subprojects>



How we do it...subprojects

- **Events** - Creates and runs contributor-focused events, such as the Contributor Summit. Event Teams are part of this subproject.
- **GitHub Management** - Manages and controls Github permissions, repos, and groups, including Org Membership.
- **Mentoring** - Oversees and develops programs for helping contributors ascend the contributor ladder, including our group mentoring cohorts.
- **Slack Infra** - Creates and maintains tools and automation for Kubernetes Slack.
- **Elections** - Oversees running elections in the community. Maintains documentation and software for elections.

<https://git.k8s.io/community/sig-contributor-experience#subprojects>



Mentoring Prereq - The ladder



Subproject
Owner
Approver
Reviewer
Member

- Set priorities and approve proposals for subproject
- Responsibility and leadership for entire repository/directory
- Approve contributions for acceptance
- Highly experienced reviewer and contributor in subproject
- History of reviewing; reviews frequently
- Authorship in subproject
- Active contributor to the project
- Sponsored by two Reviewers

Non-member Contributors

Mentoring



- Programs / Initiatives:
 - [Group Mentoring Cohorts](#) - Semi-structured group mentoring initiative with a small group of people
 - SIGs CLI and Apps have kicked off group mentoring cohorts (thank you Paris, Atharva and Purneshwar!)!
 - We need more SIGs/WGs to do this!
 - We are happy to help more groups kick this off, reach out to us on the #sig-contribex slack channel.
 - [Shadow Programs \(Building Teams\)](#) - Scalable apprenticeship program
 - The folks presenting here as shadows for SIG Contribex leadership positions!



Mentoring

- Some programs put on hold based on interest in the community:
 - Google Summer of Code (GSoC)
 - Outreachy
 - Meet Our Contributors (merged with Office Hours)
- Recently a role for 3rd Party Mentorship Coordinator was created.
- Worked on hands-on labs for onboarding contributors (thanks Deba and Harshita!)
- ***Need more approvers/subproject owners with bandwidth to be able to assist in mentoring efforts***

GitHub Management - Introduction

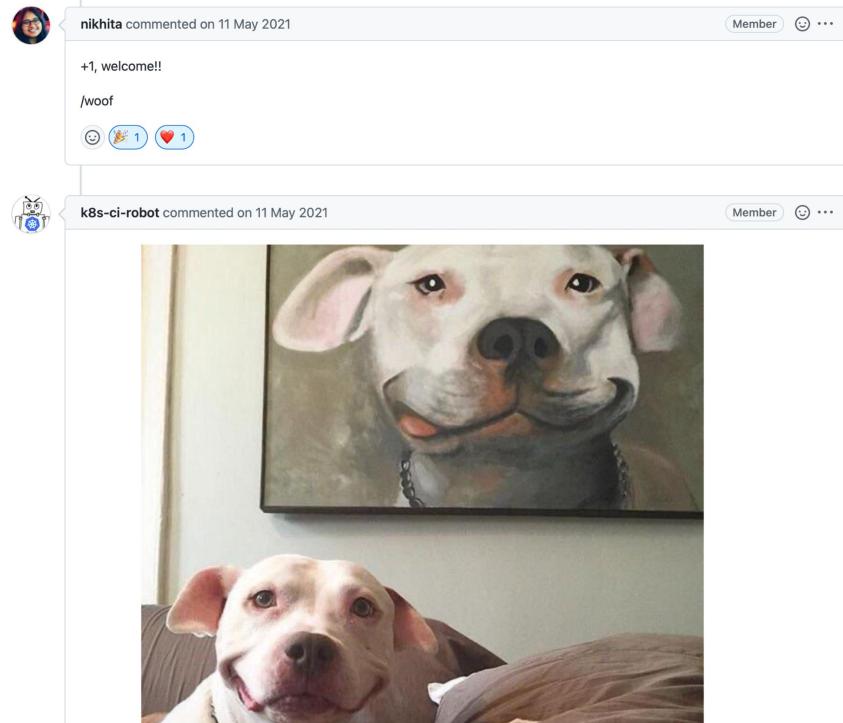


- Kubernetes ❤ GitHub

GitHub Management - Introduction



- Kubernetes ❤️ GitHub



A screenshot of a GitHub interface showing two comments and a photo. The top comment is from user 'nikhita' dated 11 May 2021, saying '+1, welcome!! /woof' with 1 like and 1 reply. The bottom comment is from 'k8s-ci-robot' dated 11 May 2021, featuring a photo of a white dog looking up at the camera, with its reflection visible in the background.

GitHub Management - Introduction



- Kubernetes ❤ GitHub
- Manages and controls GitHub permissions, repos, and groups, including Org Membership.
- Consistent contributor workflow!
- Working on streamlining org/team membership.
 - New Membership Coordinators!

GitHub Management - Updates



- Trying to improve the experience with auto-closing of issues and PRs
 - Adding support for closing issues as “Not Planned”.
 - Better handling support requests in kubernetes/kubernetes.
- Granular approvals (thank you Yuvaraj and Nikhita!)
 - /approve /path/to/file
- Team repo permission management through Peribolos.
 - Using Peribolos to declaratively manage permissions given to teams for repos.

Community Management



- Mailing Lists and Calendars
 - All community groups have public meetings with notes
 - Recently migrated main mailing list to Google Workspaces
 - Looking to migrate others in the future
- YouTube
 - Check out youtube.com/kubernetescommunity

Community Management



- Community Repo
 - OWNERS of github.com/kubernetes/community
 - “Meta of the meta” - governance documentation, election procedures, values.md, anything steering wants us to oversee or janitorialize.
- Zoom
 - Looking for help to automate the publishing of videos to YouTube
- discuss.k8s.io
 - Community forum with related k8s topics
- Moderators
 - **Always looking for experienced mods.**

YouTube Moderation



- The [Kubernetes YouTube Channel](#) has separate playlists for each SIG, WG, UG meeting recordings, as well as recordings of other recurring events such as the Kubernetes [community meeting](#), [Office Hours](#), [Meet our Contributors](#) and others.
- Moderation responsibilities for YouTube admins is minimal and is centered around checking and removing any potential comments that would violate the [Code of Conduct](#). Any potential violations should be sent to conduct@kubernetes.io.
- Help Wanted!



Contributor Comms



- Manage the Kubernetes Contributor Twitter - [@k8sContributors](#)
 - GitHub Issue based tweet workflow - [kubernetes-sigs/contributor-tweets](#)
 - And via Buffer!
- Contributor-focused content and stories, those that help grow and sustain our community
- Bring attention to areas that need help in the community
- Shadowing and Leadership roles
- KubeCon NA 2019 Talk on the Marketing (now Contributor Comms) Team: [Building Better Communication for Kubernetes Contributors with Marketing](#)

Events

- Planned and executed a successful Contributor Summit on Monday
- Unconference style
- Topics included: registry.k8s.io, Sustainable Quality with mentoring, Improving website tooling, stateful workloads, & many more



Elections



- New Subproject!
- If you want to help -> [#sig-contribex-elections](#)

Code Issues Pull requests Actions Projects Security Insights

main · 5 branches · 4 tags Go to file Add file Code

jberkus Merge pull request #76 from elektio/subprocess ... a9e0c64 17 days ago 181 commits

.github/workflows Add container build for releases. 13 months ago

docs Display the show-candidate_fields on the candidate screen. 13 months ago

elektio Replace all os.system() calls with subprocess.run() 24 days ago

installation/deployment Create sample Kubernetes deployment files based on the ones... 13 months ago

scripts changed csv from comma separated to semicolon separated, ... 5 months ago

static Updated Logo and other UI nits fixed 2 years ago

test Change from rm to unlink in test. 17 days ago

.env.example Updated UI for min passcode length 5 months ago

.gitignore try catch added for markdown 2 years ago

CODE_OF_CONDUCT.md Add a bunch of files and text changes to reflect our status in th... 15 months ago

About

Software for the Elektio online elections system

elektio

Readme Nabarun Pal

Apache-2.0 licencer

Code of conduct

24 stars

2 watching

15 forks

Explore Election

Past Elections

2022 Steering Committee Election

Logout

Welcome! Nabarun Pal

we have few things for you to look at.

Previously Voted

2022 Steering Committee Election

Kubernetes | Voting ended on 2022-09-30 11:59:59 | Results

Contributors Documentation



- [Contributor Guide](#)
- [Developer Guide](#)
- [Contributor Site \(k8s.dev\)](#)
 - Publish contributor guide, community calendar, release information and more
- **Future:** New Contributor Course

The screenshot displays two views of the Kubernetes Contributor Site. The top view shows a large group photo of many contributors at a conference. The bottom view shows a detailed calendar for July 12-18, 2020, listing various meetings and events.

Date	Time	Event
Monday, July 13, 2020	12:00pm - 1:00pm	Kubernetes SIG Apps
	1:00pm - 2:00pm	AWS Cluster API Meeting (Bi-weekly)
	11:30pm - 12:00am	ContribEx: Mentoring Subproject Meeting (APAC)
Tuesday, July 14, 2020	12:00am - 12:30am	ContribEx: Mentoring Subproject Meeting (APAC)
	10:30am - 11:30am	Kubernetes SIG Release
	11:30am - 12:30pm	ContribEx: Mentoring Subproject Meeting (EUNA)
	12:00pm - 1:00pm	SIG-cluster-lifecycle bi-weekly meeting
	12:30pm - 1:00pm	Kubernetes SIG-WG Community Meeting @ Every Tuesday from 12:30pm to 1pm EST

Big Wins





KEP Website

Kubernetes Enhancement Proposals

https://www.kubernetes.dev/resources/keps/

120% 100% 130%

Welcome Blog Documentation Community Resources Events Search this site...

KUBERNETES CONTRIBUTORS

Search this site...

Resources

- Community Calendar
- Services and Requests
- Kubernetes 1.26 Release Information
- Default Branch Migration

Enhancements

KEP List

Show 10 entries Search: stable:v1.25

KEP Number	Title	SIG	Author	Created	Last Updated	Milestone
1591	Allow DaemonSets to surge during update like Deployments	Apps	@smarterclayton	2020-03-02	2022-05-10	alpha:v1.21 beta:v1.22 stable:v1.25
2599	minReadySeconds for StatefulSets	Apps	@ravishantoshgudimetla	2021-04-07	2022-06-08	alpha:v1.22 beta:v1.23 stable:v1.25
2579	PSP Replacement Policy	Auth	@tallclair, @liggett	2021-03-19		alpha:v1.22 beta:v1.23 stable:v1.25
2227	kubectl default container	Cli	@pacoxu	2020-12-16	2021-03-10	alpha:v1.21 beta:v1.23 stable:v1.25
2915	Replace usage of the kubelet-config-x.y naming	Cluster Lifecycle	@neolit123	2021-08-30	2022-05-18	alpha:v1.23 beta:v1.24 stable:v1.25

 kubernetes

\$ maintainers



- Tool originally written by Dims to help provide contributor statistics to gauge broader community health.
 - Parsing OWNERS + OWNER_ALIASES + querying GitHub and DevStats.
- Can be used for:
 - Pruning inactive members in OWNER files
 - Ensuring all the correct metadata is present in community yaml files
- We're currently trying to run maintainers as a periodic.
- Help wanted!

How you can Contribute

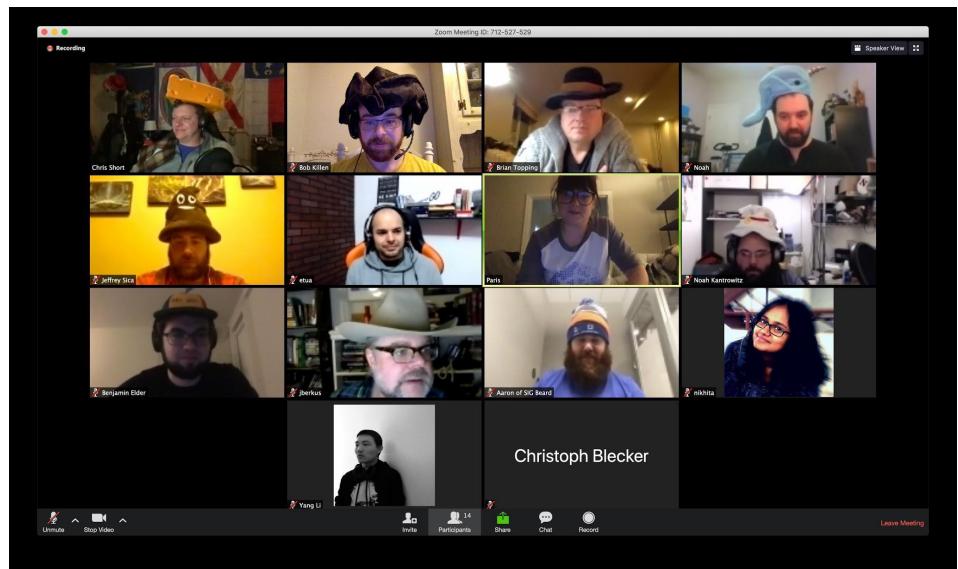






Getting involved...the SIG Meeting

- Every SIG/WG/UG has regularly scheduled meetings
- All meetings are uploaded to the [Kubernetes Community YouTube Channel](#)
- [SIG ContribEx Mailing List](#)



...sometimes we have random hat days too!

Tips on your first SIG Meeting



- Find a buddy
- Volunteer to take notes
- Attend regularly
 - Be stubborn!
- Small, dependable contributions > volunteering for the world
- SIGs should have a list of “good first issues” for you to chew on, if they don’t then ... start with issue triaging



There are non-code related paths available

REQUEST: New Slack channel (k8s-infra-alerts) and integration (Google Cloud Monitoring) #4534

Closed thockin opened this issue 15 days ago · 5 comments

thockin commented 15 days ago · edited

Member + ...

Assignees
 jeefy —unassign me
 mrbobbytables

Labels
area/community-management
area/slack-management

GitHub Username: thockin

Slack Username: thockin

What Type of Request is it (Channel, User Group, Bot, Token, or Webhook)? Channel & integration

Name of Requested Resource: k8s-infra-alerts and enable GCP Monitoring integration

KEP for release notes improvements #928

Merged k8s-ci-robot merged 1 commit into `kubernetes:master` from `jeefy:relnotes-kep` on Apr 23, 2019

Conversation 7 Commits 1 Checks 0 Files changed 1

jeefy commented on Mar 30, 2019

Member + ...

Rough draft for a KEP outlining several release notes improvements that have been discussed in various forums. I fully expect this to be iterated on quite a bit. 😊

/sig release
/cc @calebamiles @tpepper @spiffxp



3

REQUEST: New moderator for New moderator for markyjackson-taulia of Zoom and YouTube #437

Closed markyjackson-taulia opened this issue on Jan 7 · 4 comments · Fixed by #4375

markyjackson-taulia commented on Jan 7

Member +

GitHub Username
`@markyjackson-taulia`

Property you'd like to Moderate
`Zoom, YouTube`

Username on Property Requested
`@markyjackson-taulia`

Requirements

- I am a Kubernetes Org member already
- I have enabled 2FA on my account for the property I would like to moderate (if applicable).
- I have read and will abide by the policies mentioned in the [Moderation Guidelines](#)
- I have two sponsors that meet the sponsor requirements listed in the moderator guidelines
- I have spoken to my sponsors ahead of this application, and they have agreed to sponsor my application

Sponsors

- `@castrojo`
- `@parispittman`



What are the most important areas that you can help with?

- Mentoring Mentoring Mentoring!
 - Mentoring Program Management
- Help with running the community meeting
- More immediate areas: The Kubernetes Annual Report

The Kubernetes Annual Report



- The Kubernetes Annual Report is a document worked on and produced by the Kubernetes community to succinctly describe what the community has been upto in the past year.
- This document covers details from what each SIG has been upto, to broader topics of community health and calls for action.

The Kubernetes Annual Report



- Among other important things, it breaks down these updates by SIGs.
- And each of these have a **Help Wanted** section.
 - Use this to see what areas need most help in a SIG
 - You can also use this to aid conversations with your employer!



Where to find us

- Chairs
 - @mrbobbytables
 - @jberkus
 - you?
- Technical Leads
 - @cblecker
 - @nikhita
 - you?
- Home page: [README link](#)
- Slack channel: <https://kubernetes.slack.com/messages/sig-contribex>
- List: <https://groups.google.com/forum/#!forum/kubernetes-sig-contribex>

Thank you!

