

Starting with Non-Code Contributions in Kubernetes

Presenters: Divya Mohan & Savitha Raghunathan

 Divya_Mohan02

 coffeeartgirl

 CNCFStudents



Savitha Raghunathan

- Day dreamer
- Senior Platform Engineer at MathWorks
- Active Contributor to K8s ecosystem
 - 1.22 Release Team Lead
 - SIG-Security Documentation sub-project owner
 - New Membership Coordinator
- Mentor



Divya Mohan

- Team Lead with HSBC
- AWS Community Builder
- Active contributor to FOSS projects:
 - Kubernetes
 - LitmusChaos
- CNCF Ambassador
- Co-organizer of CNCF Student User Group





Contributing to Kubernetes

- Why contribute to Open Source?
- Why start with Kubernetes?



Timothy St. Clair
@timothysc

Following



You know what we need more of in the [#Kubernetes](#) community? Folks who love to refactor+reduce complexity and focus on UX. You know what we don't need... more features. If you want to get involved. [@kubernetesonarm](#) and I can get you started.

9:39 PM - 8 Feb 2019

Refactor, document code, write tests and help fix test failures!



Tim Hockin
@thockin

Following



Replying to [@timothysc](#) [@kubernetesonarm](#)

I'll put up on this.

If you (anyone) find code that needs refactoring and you are willing to do it right (write/check tests, small commits, focused changes), I will sign up to review it.

Before you go spend days on something, let us know so we can discuss shape, then go nuts.

2:43 AM - 10 Feb 2019



Paris

@ParisInBmore

Following



Replying to [@devonzuegel](#) [@ashleymcnamara](#) and 4 others

project management, communication infra
support (YouTube admins, Slack admins,
etc), filing issues, running contributor events,
docs (user or contributor), code of conduct
committee/policy creation/incident response

8:22 PM - 13 Apr 2019



Non-Code Contributions

- Bug Scrub
- Issue Triage
- Documentation
- Localization



adisky 11:19 AM

A good opportunity to get involved SIG Node Bug Scrub 24th-25th June, https://groups.google.com/g/kubernetes-sig-node/c/WW4Tm5coVug/m/Eloq6r_uAwAJ
https://hackmd.io/O_gw_sXGRLC_F0cNr3Ev1Q?view (edited)



Non-Code Contributions

- Marketing
- Program Management
- Mentoring
- Release Team shadow
- KEP Reading club
- Slack infra

KEP Reading Club



madhav 4:38 PM

Helloo 🙌

I hope y'all had a great weekend :)

The next meeting of the **KEP Reading Club** will be on 21st of June (next Monday), so now's a great time to suggest KEPs that you would like to discuss together with the community, or if you're someone who's writing a KEP and would like feedback on it and get answers to questions you may have!



Best Practices

- Contributor website
- Finding good first issues

Good First Issues

<https://go.k8s.io/good-first-issue>

Repositories227

Code0

Commits0

Issues180

Discussions (Beta)8

Packages11

Marketplace0

Topics816K

Wikis52

Users5

States

Closed1,778

Open180

180 issues or view all results on GitHub

Sort: Best match

1

kubernetes-sigs/cluster-api-provider-aws #2255

Refactor the log wrappers for the AWS SDK

/kind cleanup /help /good-first-issue Describe the solution you'd like Refactor the ec2 service where we wrap the logger for use with the AWS so that it uses the log package Anything else you would ...

good first issue help wanted kind/cleanup

richardcase opened 21 hours ago 1 comment

1

kubernetes-sigs/aws-ebs-csi-driver #749

Upgrade livenessprobe to patch memory leak

/kind bug What happened? livenessprobe v2.1.0 has a memory leak causing it use way more ram than needed. This is patched in livenessprobe v2.2.0 What you expected to happen? livenessprobe containers ...

good first issue help wanted kind/bug

unixninja92 opened yesterday 2 comments

1

kubernetes-sigs/kubebuilder #2018

Don't recommend using manager.GetClient in tests

Using the manager.GetClient() in tests is a bad idea and should not be recommended by the documentation. The manager's client is a cached client.Reader which is fine for a controller - but in tests ...

good first issue help wanted kind/documentation

moolen opened 4 days ago 3 comments

Source: Bob Killen/Sahdev Zala on #sig-contribex

For The Initiated

<https://go.k8s.io/help-wanted>

Repositories227

Code0

Commits0

Issues733

DiscussionsBeta8

Packages11

Marketplace0

Topics816K

Wikis52

Users5

States

Closed3,936

Open733

Languages

733 issues or view all results on GitHub

Sort: Best match

1

kubernetes/test-infra #20914

Unable upload conformance result to bucket

I have updated my email in groups.yaml (https://github.com/kubernetes/k8s.io/pull/1600) , but still have no access to upload files to the bucket What happened: python3 ./test-infra/testgrid/conformance/upload_e2e.py ...

help wanted kind/bug

ydcool opened 1 hour ago 2 comments

1

kubernetes/website #26621

Korean Localization for dev-1.20-ko.5 branch

In English This is a Feature Request Korean Localization for dev-1.20-ko.5 branch. What would you like to be added Any localization contributions for Korean. Comments - This issue is to notify ...

help wanted language/ko needs-triage

seokho-son opened 9 hours ago 2 comments

1

kubernetes/website #26620

Outdated files in dev-1.20-ko.5

This is a Bug Report Problem Outdated files in the upstream/dev-1.20-ko.5 branch. 69 files to be modified 1. [] M1. content/en/community/_index.html | 21(+S) 2(-) 2. [] M2. content/en/docs/concepts/architecture/controller.md ...

help wanted language/ko triage/accepted

gochist opened 9 hours ago 8 comments

Source: Bob Killen/Sahdev Zala on #sig-contribex



....And A Lot More Ways

<https://k8s.dev/docs/guide/non-code-contributions/>



Release Shadow program

Kubernetes Release Team

- Periodically releases a new version of Kubernetes
- Collects features in a time frame and tracks whether the features go past the line
- Ensures quality of the artifacts generated as part of the release

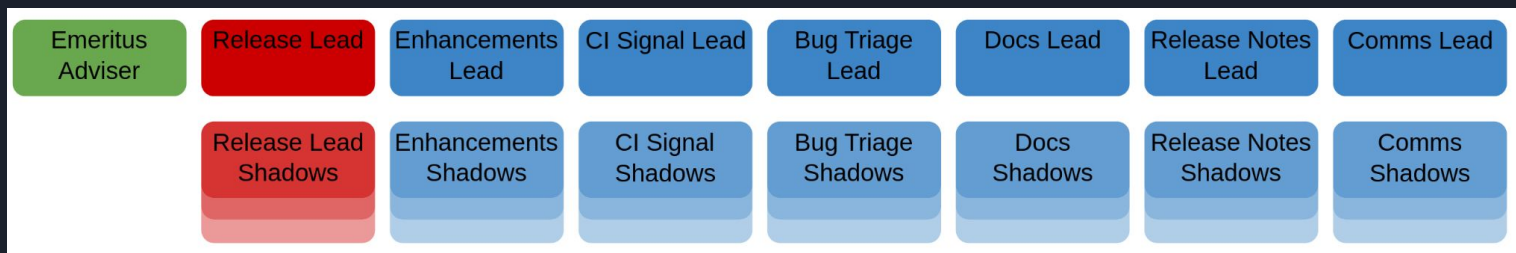


Image Source: <https://git.k8s.io/sig-release/release-team/release-team.svg>



Release Shadow Program

- Follows the apprenticeship model
- Learn by doing and tagging along the lead
- Helps contributors broaden their area of knowledge

<https://git.k8s.io/sig-release/release-team/shadows.md>



How Can I Be A Shadow

[NOTICE] Shadow selection for the Kubernetes 1.22 Release Team is now open! 59 views



only...@gmail.com

to kubernetes-dev, kubernetes-...@googlegroups.com, kubernetes-...@googlegroups.com

Hello Kubernetes Community,

Shadow selection for the Kubernetes 1.22 Release Team is now open!

To be considered as a shadow on the team, please fill out the application at: <https://bit.ly/k8s122-release-shadows>

The application will remain open until Friday, April 16th, 2021.

Please refer to the following links for information on the Release Team and selection process:

Homepage: <https://git.k8s.io/sig-release/release-team/README.md>

Shadows: <https://git.k8s.io/sig-release/release-team/shadows.md>

Selection: <https://git.k8s.io/sig-release/release-team/release-team-selection.md>

Further details on the 1.22 release team can be found in the following issue: <https://github.com/kubernetes/sig-release/issues/1505>

Please reach out via the [#sig-release](#) channel on Kubernetes Slack should you have any further questions.

Sincerely Yours,

Taylor Dolezal
1.21 Emeritus Advisor

Sincerely,

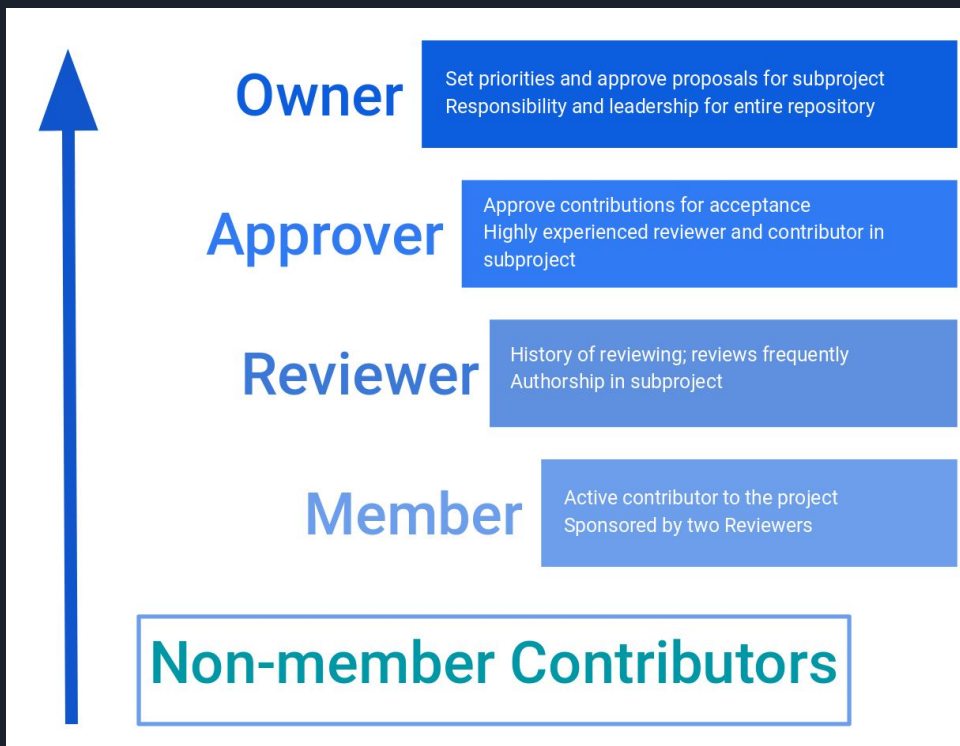
Taylor Dolezal



What Do I Need To Do

- Read the role handbooks to understand the responsibilities of each role
- Ask on #sig-release if in doubt
- Fill up the form
- Wait for the selection announcements

Contributor Ladder



Say hi!





Slack Channels

Step 1

Join the Slack -> slack.k8s.io

Step 2

Find **#in-dev**, **#in-users**, **#in-events**, **#sig-contribex**, **#sig-docs**

Step 3

Say **Hi!** 🙌, introduce yourself and send emojis!!!



madhav 6:10 PM

Here's a `good-first-issue` if anyone wants to take it up 🤔
<https://github.com/kubernetes/community/issues/5843>



MadhavJivrajani

#5843 Link to k/k/cmd/controller-manager in sig-apimachinery

`k/k/cmd/controller-manager`, which is linked [here](#) is no longer existent IIUC. If my understanding is correct, this should be removed.

TODO: remove the `kubernetes/kubernetes/cmd/controller-manager` bullet point which is linked [here](#)

/sig apimachinery

/help

/good-first-issue

Labels

good first issue, help wanted, sig/api-
machinery

Comments

3

[kubernetes/community](#) | Jun 17th | Added by GitHub (Legacy)



Kunal Verma 6:35 PM

Thank you for helping in the issue [@madhav](#) !! This was my 1st small contribution in the community 😊 (edited)



3 replies Last reply 6 days ago



adisky 11:19 AM

A good opportunity to get involved SIG Node Bug Scrub 24th-25th June, https://groups.google.com/g/kubernetes-sig-node/c/WW4Tm5coVug/m/Eloq6r_uAwAJ
https://hackmd.io/O_gw_sXGRLC_F0cNr3Ev1Q?view (edited)



dims 4:18 PM

Easy one if you want to try a PR for kubernetes - <https://github.com/kubernetes/kubernetes/issues/103043> (folks who have landed PRs already, please leave it for new folks 😊 and help them along the way)



madhav 11 days ago

Hi all 🙌

Let's have another session soon!

Continuing with the theme of our past sessions: how about exploring `informers` in `client-go`? Please feel free to suggest any topics you may have as well!

As usual, this won't be a presentation/teaching type session, it'll be a session where all of us get together and explore a particular part of the codebase (thanks [@Yuvaraj Kakaraparthi](#) for starting this!)

My suggestion would be to do it on Friday (18th June) at 10:00pm IST/9:30am PT (following our previous sessions), if another day/time is preferred, please put it up here 😊

Have a great weekend! 🙌

Resources

<https://www.kubernetes.dev/>

slack.k8s.io



Credits

- Kubernetes 101 New Contributor Workshop
- #sig-contribex
- Individuals: Rin Oliver, Davanum Srinivas, Nikhita Raghunath, Paris Pittman, Bob Killen, Sahdev Zala

