



KubeCon



CloudNativeCon

THE LINUX FOUNDATION



AI_dev
Open Source GenAI & ML Summit

China 2024



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China 2024

From Novice to LitmusChaos Maintainer

Learn to Make Valuable Contributions to Open Source Projects through
LFX Mentorship



Litmus

Maintainer @LitmusChaos
(CNCf incubating)



CNCf Ambassador

@namkyu1999 

@namkyu1999 

Contribute to open source seems too tough



China 2024

Maybe it's because you don't know where to start.

github	Replace deprecated command with environment file (#4115)
adopters	Adding Adopters (#3979)
chaos-engineering	(chore)content: add folder to discuss chaos engg (#1619)
chaoscenter	Added some text occurrences in UI (#4186)
demo	Demo(boutique): Adds demo docs for boutique application under loa...
images	Added loader component for Gitops page (#4192)
litmus-portal	Added loader component for Gitops page (#4192)
mkdocs	external mongo secrets config (#4166)
monitoring	chore: migrate from k8s.gcr.io to registry.k8s.io (#3945)
proposals	Add: Litmus Enhancement Proposals directory (#4223)
resources	Signed-off-by: Sayan Mondal <sayan@chaosnative.com> (#3135)
translations	Improved german translation of the README.md (#2394)



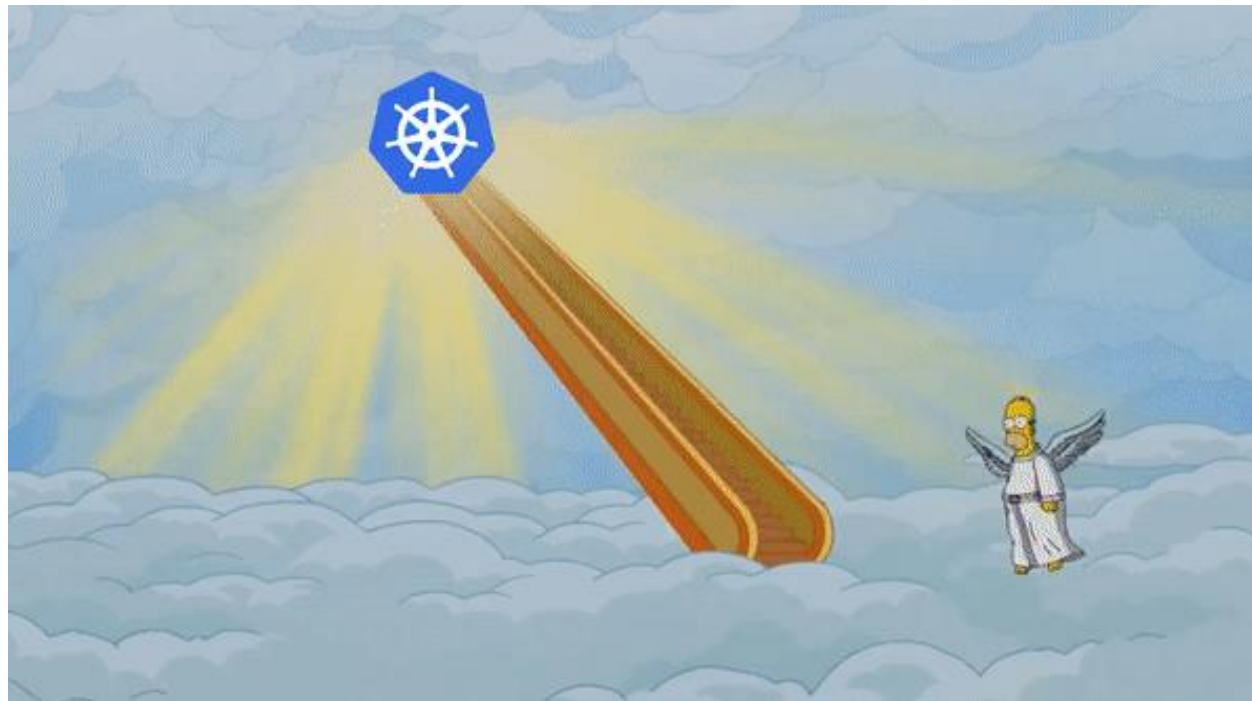
Contribute to open source seems too tough



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Too many choices to select one

Ex) 180+ open source projects in CNCF



<https://x.com/memenetes/status/1637861860039876624>

LFX Mentorship



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- Online Mentorship program for 3 months
- Goal: transfer knowledge from the mentor to the mentee
- Mentor: (primarily) maintainer of the CNCF or Linux Foundation open-source project
- Contribute to open source projects while being guided by a mentor

Litmus (CNCF incubating)



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Litmus

Open Source Chaos Engineering Platform(CNCF incubating)

What is my task?



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Improve code quality and add unit tests of litmus chaos components

[LFX-23Q1]: Improve code quality and add unit tests of chaos center components. #3892

Edit New issue



imrajdas opened this issue on Jan 30 · 8 comments



imrajdas commented on Jan 30 · edited

Member

Feature requests:

- Improve code quality of golang components of chaos center components
 - Run `golangci-lint` to list all the issues in the codebase
 - Use this tool also- <https://deepsourc.io/>
- Add unit test cases for the backend components
 - Currently, the golang components are not using the interface, so mocking MongoDB and k8s makes it difficult.
 - Use <https://github.com/stretchr/testify> to mock external calls. Sample code- <https://github.com/viniciuswebdev/golang-unit-tests>

Components:

- GraphQL-Server: <https://github.com/litmuschaos/litmus/tree/master/litmus-portal/graphql-server>
- Subscriber: <https://github.com/litmuschaos/litmus/tree/master/litmus-portal/cluster-agents/subscriber>
- AuthServer: <https://github.com/litmuschaos/litmus/tree/master/litmus-portal/authentication>
- Event tracker: <https://github.com/litmuschaos/litmus/tree/master/litmus-portal/cluster-agents/event-tracker>



imrajdas added the **LFX-MENTORSHIP** label on Jan 30

Assignees

namkyu1999

Labels

LFX-MENTORSHIP

Projects

None yet

Milestone

No milestone

Development

Create a branch for this issue or link a pull request.

Notifications

Customize

Unsubscribe

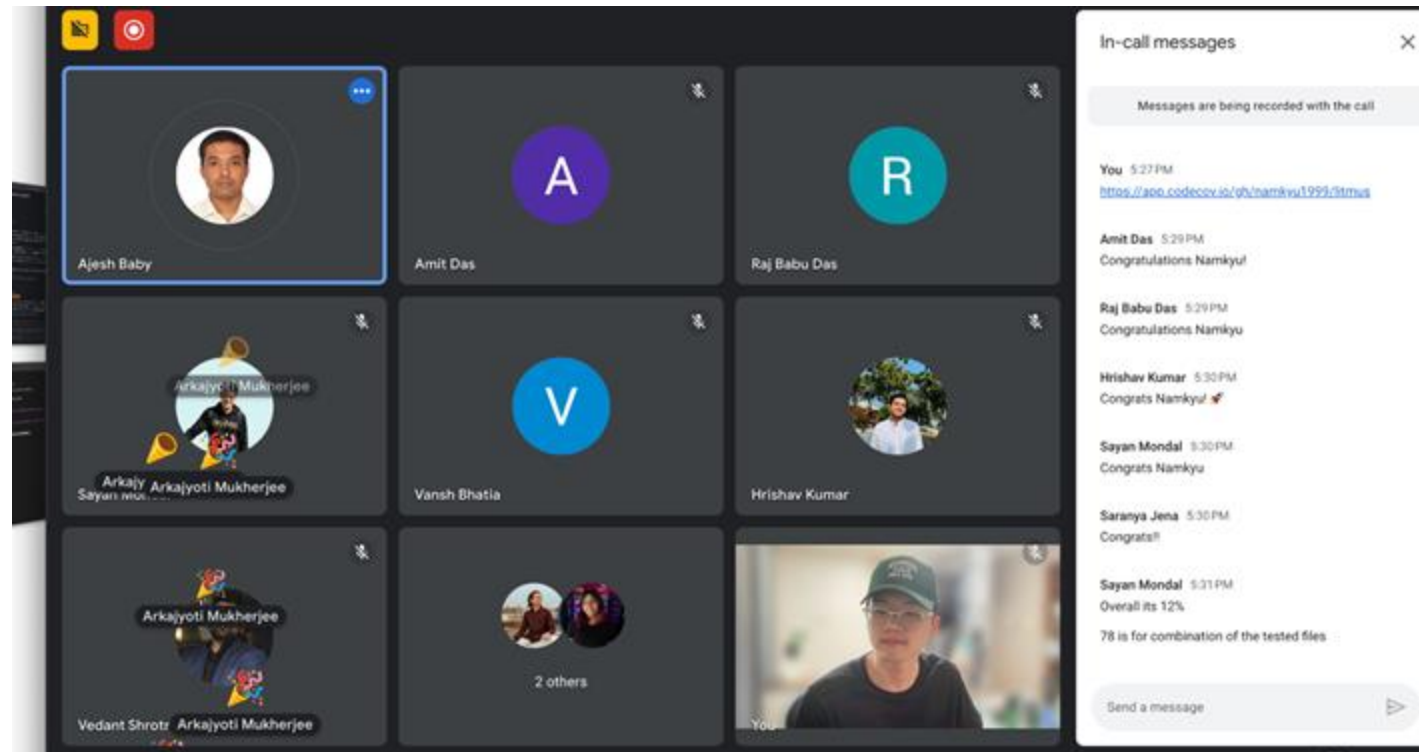
You're receiving notifications because you're watching this repository.

Weekly sync-up meeting



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We set weekly goals, review PRs, and share ideas



What I've done (technically)



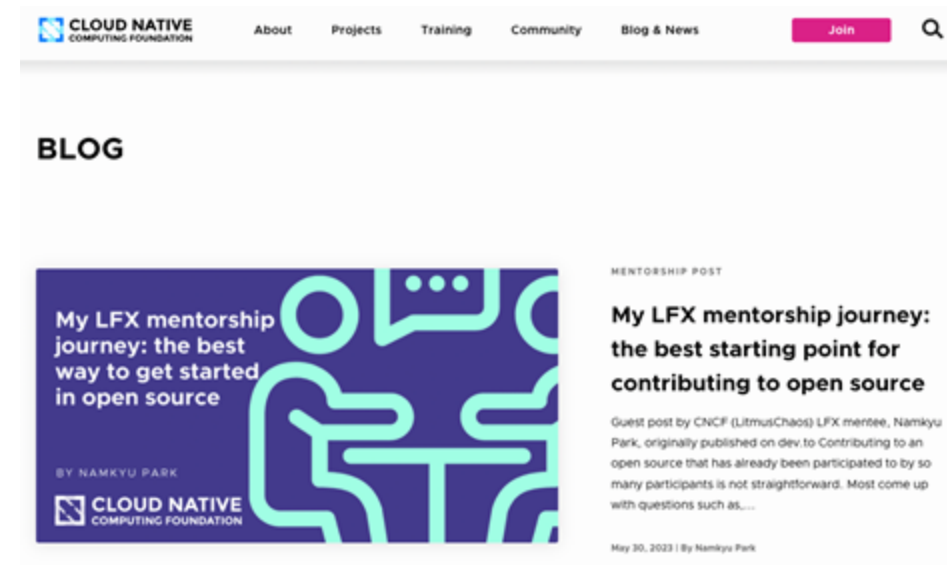
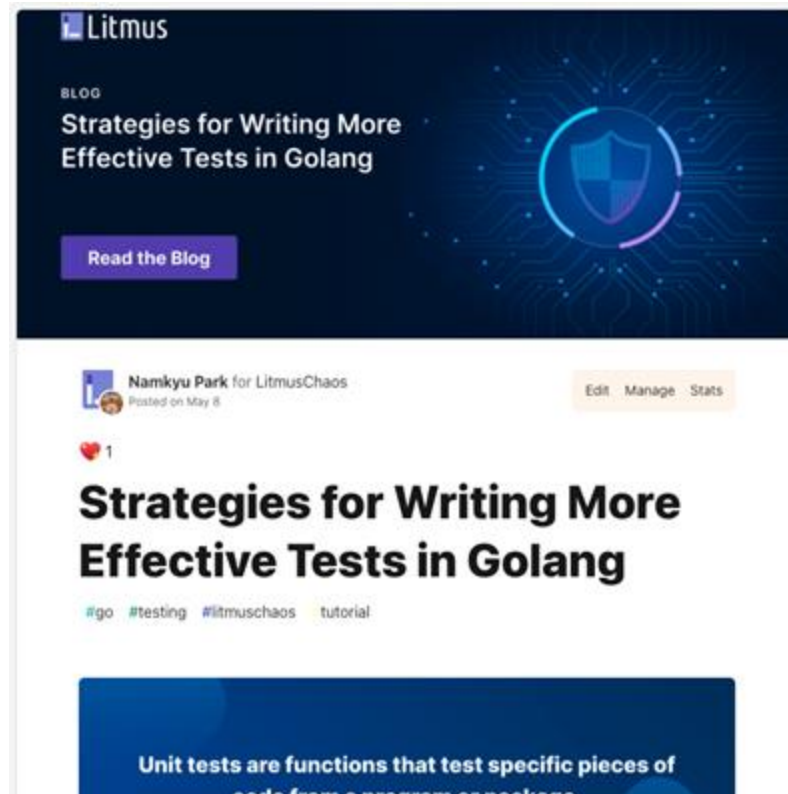
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[ChaosCenter]: Add unit tests to image-registry package in GraphQL server ✕ kind/unit-test LFX-MENTORSHIP		
#3967 opened 3 days ago by namkyu1999 · Approved 6 of 9 tasks		
[ChaosCenter]: Add unit tests to chaos-workflow package in GraphQL server ✕ LFX-MENTORSHIP		
#3964 opened last week by namkyu1999 · Approved 6 of 9 tasks		
[ChaosCenter]: Add unit test code to chaoshub package in graphql server ✕ LFX-MENTORSHIP		23
#3946 opened 3 weeks ago by namkyu1999 · Approved 6 of 9 tasks		
Better logging for backend components ✓ LFX-MENTORSHIP		29
#3939 by namkyu1999 was merged 3 weeks ago · Changes requested 11 of 15 tasks		
Move to using interface for better mocking to graphql server ✕ LFX-MENTORSHIP		10
#3937 by namkyu1999 was merged 2 weeks ago · Approved 6 of 9 tasks		
Move to using interface for better mocking at chaoshub package ✕ LFX-MENTORSHIP		22
#3933 by namkyu1999 was merged on Mar 29 · Changes requested 6 of 9 tasks		
Add better logging for backend components good first issue LFX-MENTORSHIP		7
#3932 by S-ayanide was closed 2 weeks ago		
Move to using interfaces for better mocking, abstraction and decoupling go good first issue LFX-MENTORSHIP		1
#3931 opened on Mar 22 by S-ayanide		
Update directory name from MyHub to ChaosHub ✕ LFX-MENTORSHIP		2
#3928 by namkyu1999 was merged on Mar 22 · Approved 6 of 9 tasks		
Update directory name from MyHub to ChaosHub in the backend server (graphql server) good first issue LFX-MENTORSHIP		1
#3927 by namkyu1999 was closed on Mar 22		
[ChaosCenter]: Migrating graphql-server from Gorilla mux to Gin (#3923) ✕ LFX-MENTORSHIP litmus-portal /refactor		34
READY-FOR-REVIEW		
#3923 by namkyu1999 was merged on Apr 7 · Changes requested 5 of 9 tasks		
Migrate graphql-server from Gorilla mux to Gin LFX-MENTORSHIP		5
#3919 by S-ayanide was closed on Apr 7		

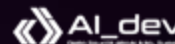
What I've done (non-tech)



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What I've done (became a member)



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@ajeshbaby has invited you to join the
@litmuschaos organization



@ajeshbaby has invited you to join the
litmuschaos organization

Hi Namkyu Park!

@ajeshbaby has invited you to join the @litmuschaos organization on
GitHub. Head over to <https://github.com/litmuschaos> to check out
@litmuschaos's profile.

This invitation will expire in 7 days.

Join @litmuschaos

Consolidated Maintainers List

```
"Amit Kumar Das",@amityt,amit.das@harness.io
"Arkojyoti Mukherjee",@arkajyotiMukherjee,arko@harness.io
"Chandan Kumar",@chandankumar4,ckamtaprasad@msystechnologies.com
"Karthik Satchitanand",@ksatchit,karthik.s@harness.io
"Maria Kotlyarevskaya",@Jasstkn,jasssstkn@yahoo.com
"Namkyu Park",namkyu1999,lak9348@gmail.com
"Neelanjan Manna",@neelanjan00,neelanjan.manna@harness.io
"Oum Nivradi Kale",@oumkale,oumk@jfrog.com
"Raj Das",@imrajdas,rajbabu.das@harness.io
"Rémi Ziolkowski",@Vr00mm,remi.ziolkowski-ext@pole-emploi.fr
"Soumya Ghosh Dastidar",@gdsoumya,gdsoumya@gmail.com
"Saranya Jena",@Saranya-jena,saranya.jena@harness.io
"Sarthak Jain",@SarthakJain26,sarthak.jain@harness.io
"Sayan Mondal",@S-ayanide,sayan.mondal@harness.io
"Shubham Chaudhary",@ispeakc0de,shubham.chaudhary@harness.io
"Udit Gaurav",@uditgaurav,udit.gaurav@harness.io
"Vedant Shrotria",@Jonsy13,vedant.shrotria@harness.io
"Uma Mukkara",@umamukkara,umasankar.mukkara@harness.io
```


Currently...



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- Contribute to the LitmusChaos (As a maintainer)
- CNCF Ambassador
- Do a Mentorship program (As a mentor)
 - LFX Mentorship
 - Open Source Contribution Academy(in South Korea)





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Join LFX mentorship and open
source community 🔥

Specially thanks to my mentors...



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Amit
Kumar Das



Sayan
Mondal



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Thank you!