

Open Source for First Timers

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CLOUD NATIVE
COMPUTING FOUNDATION

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Engineer at Google
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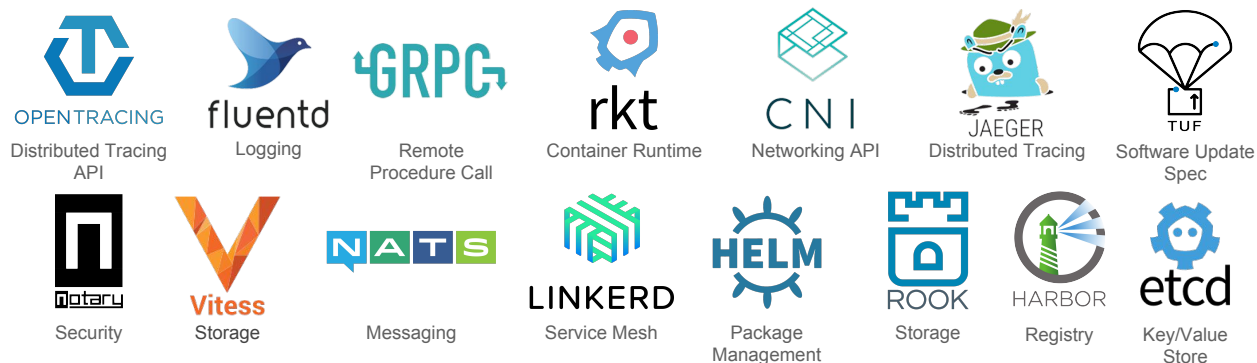
Cloud Native Computing Foundation

- Nonprofit, part of the Linux Foundation; founded Dec 2015

Graduated



Incubating



- Platinum members:



Agenda

1. How do you get into open source?
2. How do you get *paid* to work on open source?
3. What should you watch out for?



What is open source software?

Software where source code is made freely available and may be redistributed and modified.

Contributing helps you improve your skills, grow your public reputation, and be part of a community.



How do you get into open source?



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Unscientific poll

Meeting people in university lab, meetups, conferences, online

On the job

Dumping personal projects



Ways to contribute

- Run events
- Speak
- Help people
- Help people to code
- Design
- Code
- Write
- Organize

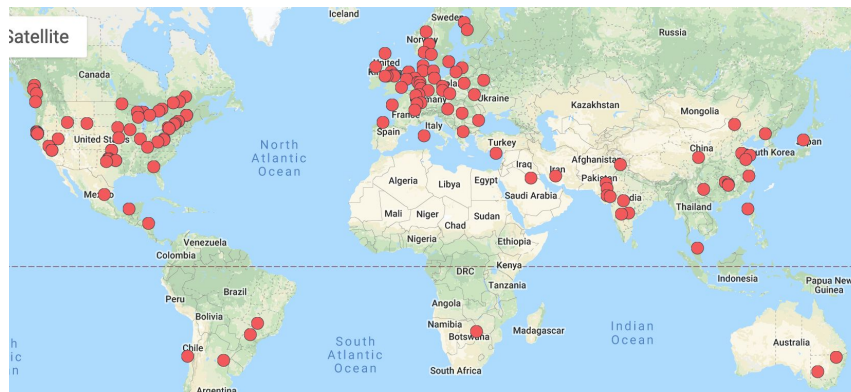
<https://opensource.guide/how-to-contribute/>



Meetups - Cloud Native London



Cloud Native Computing Foundation (CNCF)
46 countries • 177 groups • 99500 members



Kubernetes Slack moderation

#kubernetes-users



57,768



3

We apologize for the spammer attack tonight. If anyone finds spam messages we've missed in the cleanup, please notify [#slack-admins](#).



Kubernetes pull requests

1,007 Open
✓ 44,832 Closed

Author ▾
Projects ▾
Labels ▾
Milestones ▾
Reviews ▾
Assignee ▾
Sort ▾

kubelet: lookup node address for external provider if none is set
•
area/cloudprovider
area/kubelet

cncf-cla: yes
kind/feature
priority/important-longterm
release-note
sig/node
size/L

#75229 opened 2 hours ago by andrewsykim

Add metrics to monitor the kubelet http server
✗
area/kubelet
cncf-cla: yes
kind/feature

needs-priority
ok-to-test
release-note-none
sig/node
size/L

#75228 opened 2 hours ago by haiyanmeng

apiserver log streaming & de-flake audit test
✗
cncf-cla: yes
kind/feature
kind/flake

priority/important-soon
release-note
sig/api-machinery
sig/auth
sig/testing
size/XL

#75226 opened 2 hours ago by tallclair
🔖 v1.15

Add bracket to the sig-window tag
✓
approved
cncf-cla: yes
kind/bug
lgtn
release-note-none

sig/storage
sig/windows
size/XS

#75225 opened 2 hours ago by jingxu97
🔖 v1.14

kubeadm: print key inside the upload-certs phase of init
•
approved
area/kubeadm
cncf-cla: yes

do-not-merge/hold
kind/bug
lgtn
priority/critical-urgent
release-note-none
sig/cluster-lifecycle
size/S

#75224 opened 2 hours ago by neolit123

kubelet: include init containers when determining pod QoS
•
cncf-cla: yes
lgtn
needs-kind

needs-priority
release-note
sig/apps
sig/node
size/M

#75223 opened 3 hours ago by sjenning

Remove Istio manifests and configure-helper code
✗
cncf-cla: yes

do-not-merge/cherry-pick-not-approved
kind/cleanup
needs-priority
ok-to-test
release-note-none

sig/cluster-lifecycle
size/XXL

#75221 opened 3 hours ago by ostromart

Fix the network policy tests.
•
cncf-cla: yes
do-not-merge/cherry-pick-not-approved

do-not-merge/release-note-label-needed
needs-kind
needs-ok-to-test
needs-priority
sig/testing
size/XS

#75219 opened 4 hours ago by lizang



Building your career in tech

Exploit 1-2 dimensions, explore 1-2.

Role

Communication
methods

Technology

Domain

<https://medium.com/@gwenshapira/building-a-career-exploring-vs-exploiting-eee071408c24>



Find your speciality - then do more of it



How do you paid to work on
open source?

Understand the incentives

1. Building company brand
2. Recruiting
3. Open source projects in line with company strategy



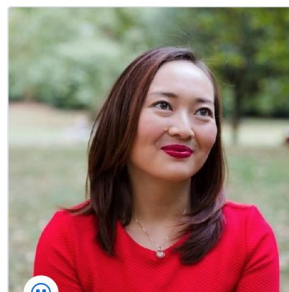
If your company doesn't support OS contributions

- Go elsewhere
- Crowdfunding, sponsorship or grants
- Start your own company

<https://opensource.guide/getting-paid/>



Be visible!



Set your status

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Edit

Overview

Repositories 5

Projects 0

Stars 2

Followers 10

Following 0

Pinned repositories

Customize your pinned repositories

oicheryl.github.io

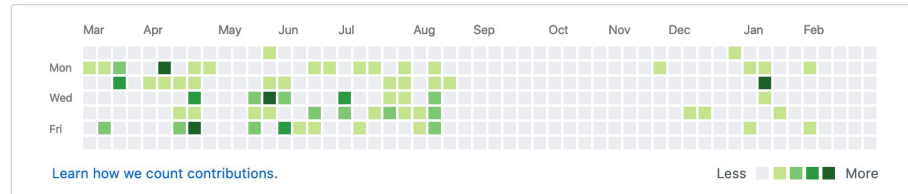
Forked from barryclark/jekyll-now

Source code for oicheryl.com

CSS 1

217 contributions in the last year

Contribution settings ▾



Contribution activity

Jump to ▾

2019

2018

2017

March 2019

oicheryl has no activity yet for this period.

February 2019



What should you watch out for?

Pitfalls

- A lot of unspoken rules in open source and on Github
- High barrier to entry and inertia in large projects
- Very few independent maintainers



Solution: Find a sponsor



https://inclusion.slac.stanford.edu/sites/inclusion.slac.stanford.edu/files/The_Key_Role_of_a_Sponsorship_for_Diverse_Talent.pdf



Summary

- Contribute in ways you are strong at.
- Every community has unspoken rules. Find someone to help you navigate them!



Thanks!

Slides at oicheryl.com



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