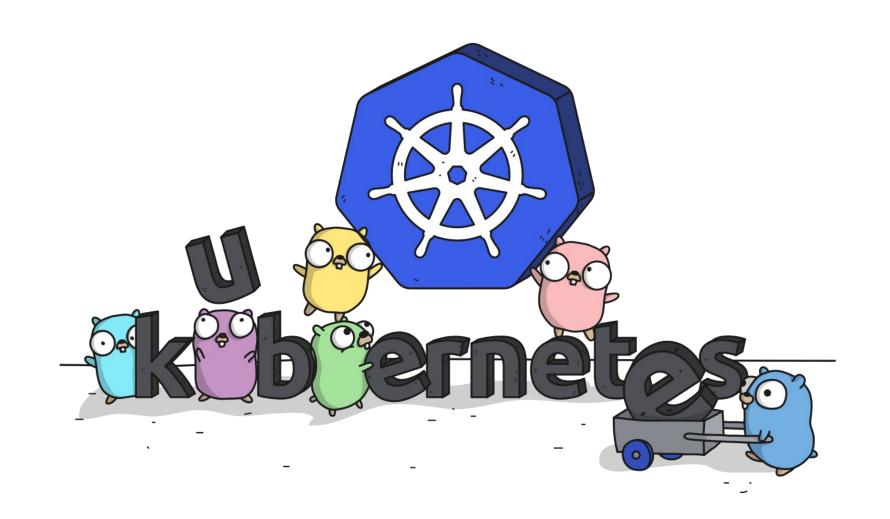
How to contribute to:





Contributing is **not** only about code

It is about helping a community



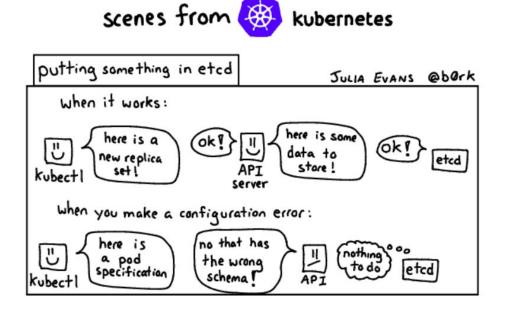
Help the Community

- Blogposts
- StackOverflow
- Slack
- Note-taking
- Be a part of the release team
- Project management
- Technical architecture



Get creative!

Draw and explain



Julia Evans

Jeopardy!



Lachlan Evenson



Contributing Code!



1. Choose what to work on



"I don't know Go"

THAT'S OK!



1. Choose your language

- Go <u>kubernetes/kubernetes</u>
- Python <u>kubernetes-incubator/client-python</u>
- C# <u>kubernetes-client/csharp</u>
- Java <u>kubernetes-client/java</u>
- Javascript <u>kubernetes-client/javascript</u>
- Ruby <u>kubernetes-client/ruby</u>
- Typescript <u>kubernetes-client/typescript</u>



2. Choose your project

- <u>Kubernetes</u>
- <u>Helm</u>
- Kops
- <u>Minikube</u>
- Dashboard

..and many more!



Source: <u>How to contribute</u>

"K8s size is overwhelming"

Let's break it down!

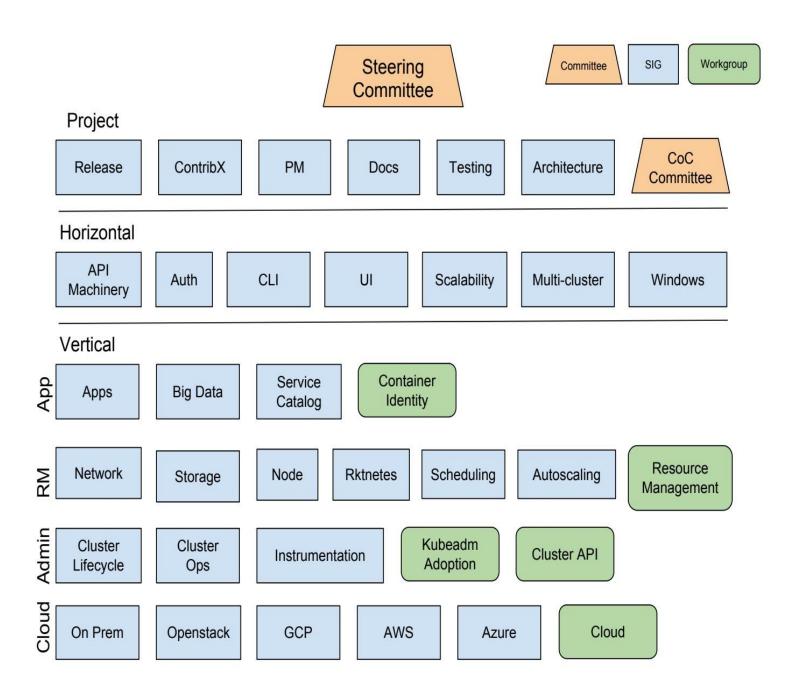


3. Choose a SIG

SIG = Special Interest Group

Complete list:

https://github.com/kub
ernetes/community/blob
/master/sig-list.md

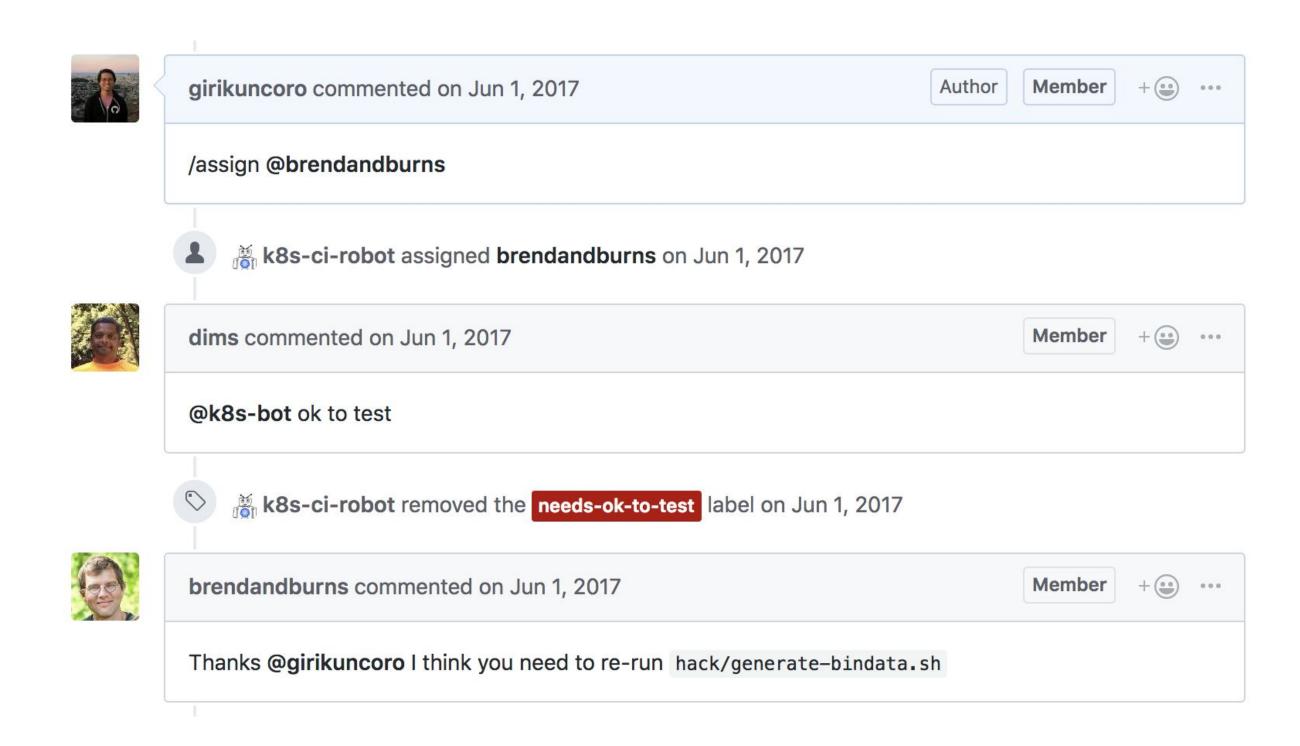




"Everyone is So smart. It's intimidating!"

They are <u>smart</u> and <u>nice</u>. Don't be scared!







4. Reach out!

Via:

- The SIG Slack channel
- Regular SIG video meetings
- SIG mailing lists

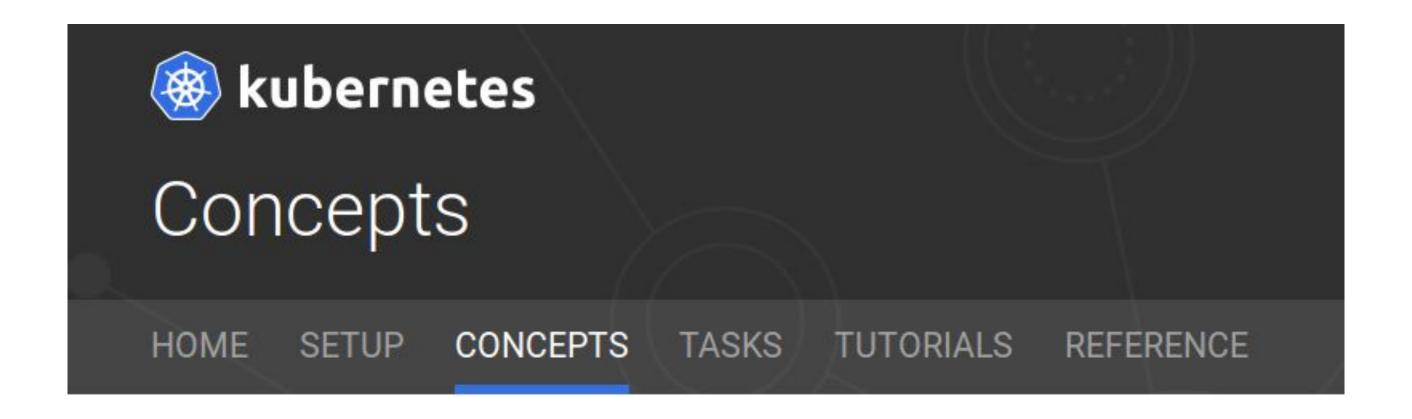


Source: <u>How to contribute</u>

2. Understanding the architecture



1. Docs



Start here:

https://kubernetes.io/docs/concepts



2. Design Proposals

Understand the <u>architecture</u> and explore the <u>design proposals</u>!

Branch: master ▼ communi	ty / contributors / design-proposals /	Create new file	Upload files	Find file	History	
cblecker Fix anchor in pod-preset.md			Latest commit c43b1fe 2 days ago			
iii						
api-machinery	Fix broken links			7 (days ago	
apps	removed autogenerated munge analytics from files			29	days ago	
architecture	Fixes relative link to Architectural Roadmap			11 0	days ago	
auth	Merge pull request #1403 from chenhonggc/secrets			17	days ago	
autoscaling	hpa: fix invalid links			3 (days ago	
aws	removed autogenerated munge analytics from files			29	days ago	
cli cli	removed autogenerated munge analytics from files			29 (days ago	



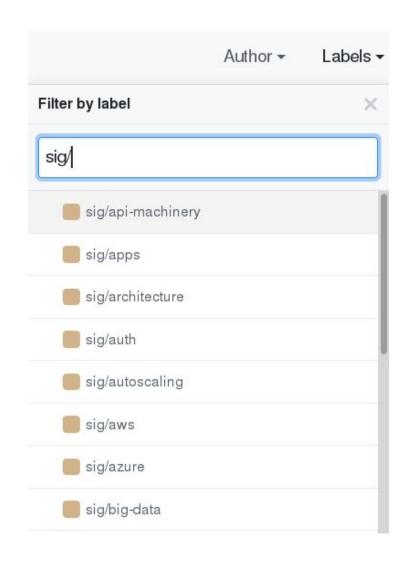
Source: <u>How to contribute</u>

"Design proposals are hard to understand"

Read them again to let it slowly soak in and ask questions

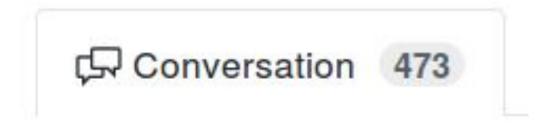


3. Checkout PRs/Issues



Filter using labels

Read the comments





4. Docs (again!)

But this time **YOU** write it!



Source: <u>How to contribute</u>

4. Docs (again!)

But this time **YOU** write it!

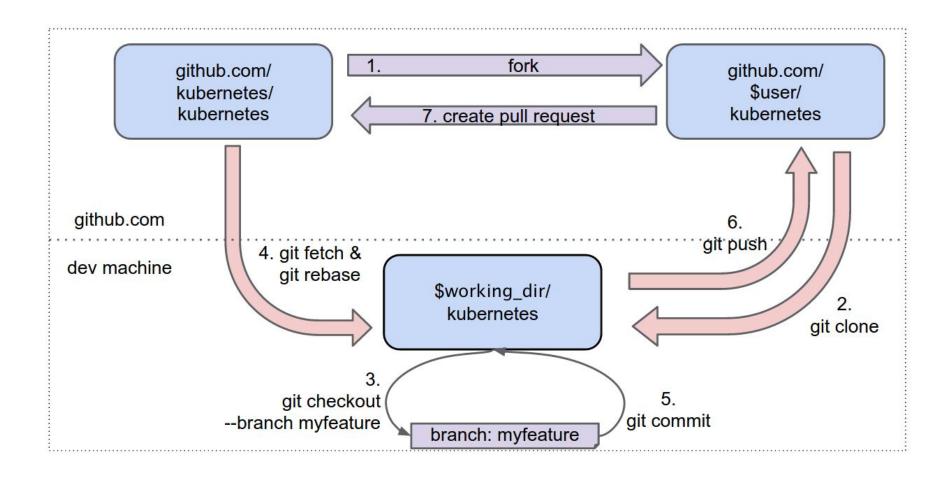
BOOM...YOU HAVE ALREADY CONTRIBUTED NOW!



3. Making Code changes



1. Setup dev environment



Community repo:

https://github.com/kubernetes/community/tree/
master/contributors/devel



2. Choose an issue

A good first issue - is:open is:issue
 label:for-new-contributors label:help-wanted

- Ask!
 - in a SIG slack channel
 - in SIG meetings
 - on mailing lists



3. PR process

- Try to fix the problem
- Ask for help if needed
- Get initial review and address comments
- Write and fix tests
- Ask for approval and get it merged!



4. Triage and Test!

Triage Issues Test new releases



THIS. WOULD. BE. VERY. HELPFUL.



5. Roadmap

Special mentoring program coming soon!

https://github.com/kubernetes/community/tree/master/mentoring

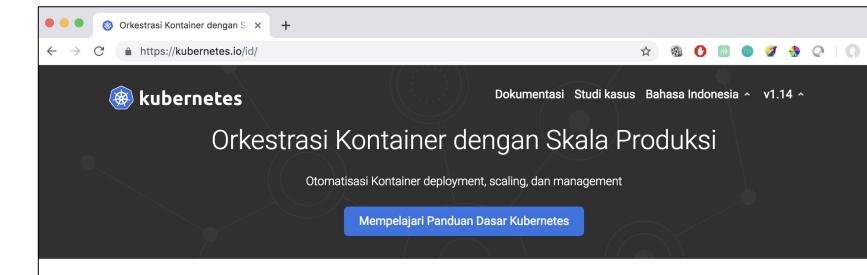


Credit to:

Nikhita Raghunath, SIG Contribex Lead

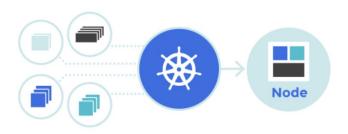


Translate Kubernetes Docs



Kubernetes (K8s)

Kubernetes mengelompokkan kontainer yang membentuk suatu aplikasi dalam bentuk unit logis yang memudahkan proses manajemen dan discovery. Kubernetes dibuat berdasarkan pengalaman operasional workloads skala production yang dilakukan oleh Google, yang digabungkan dengan ide-ide terbaik dan best practices yang diberikan oleh komunitas.



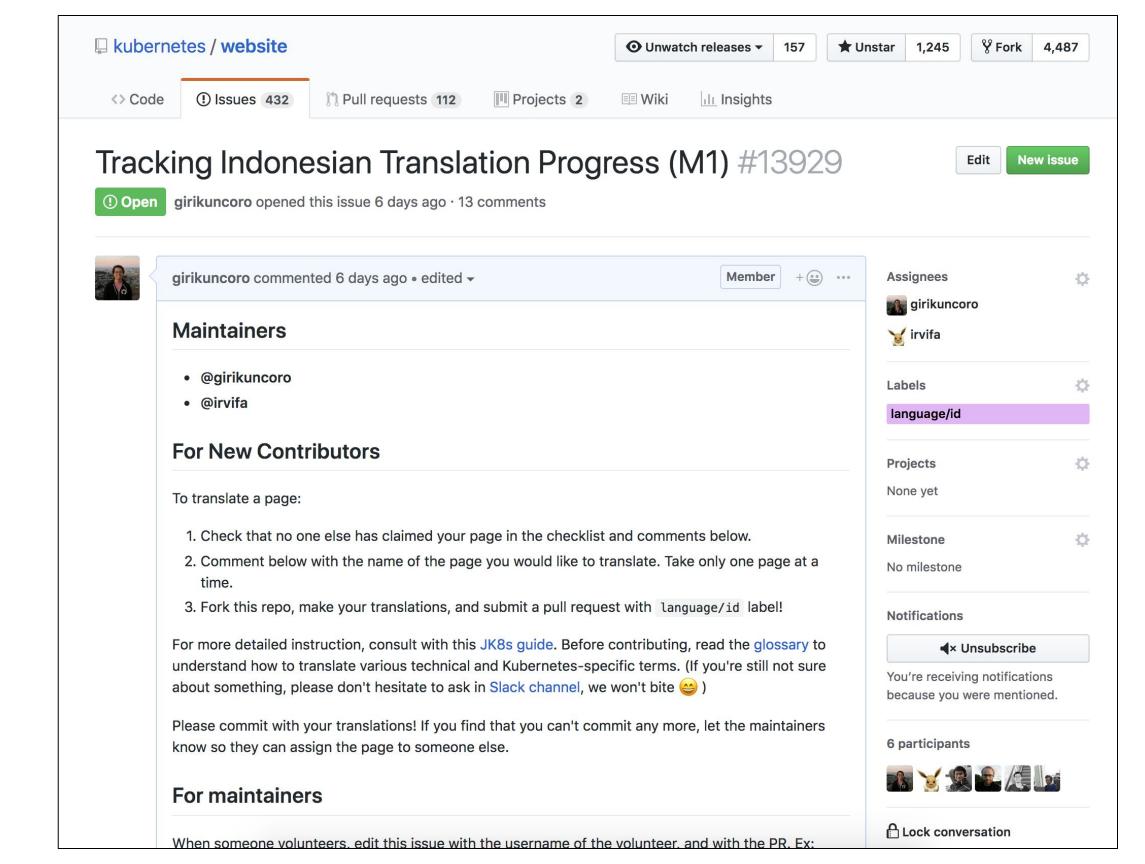


Skala Besar

Didesain berdasarkan landasan yang digunakan Google untuk menjalankan milyaran kontainer dalam waktu seminggu, Kubernetes secara dinamis dapat menyesuaikan workloads tanpa membutuhkan peningkatan tim operasional.











Thank you!



Giri Kuncoro from GO JEK

@girikuncoro | giri.kuncoro@go-jek.com
meetup.com/jakarta-kubernetes
t.me/kubernetesindonesia