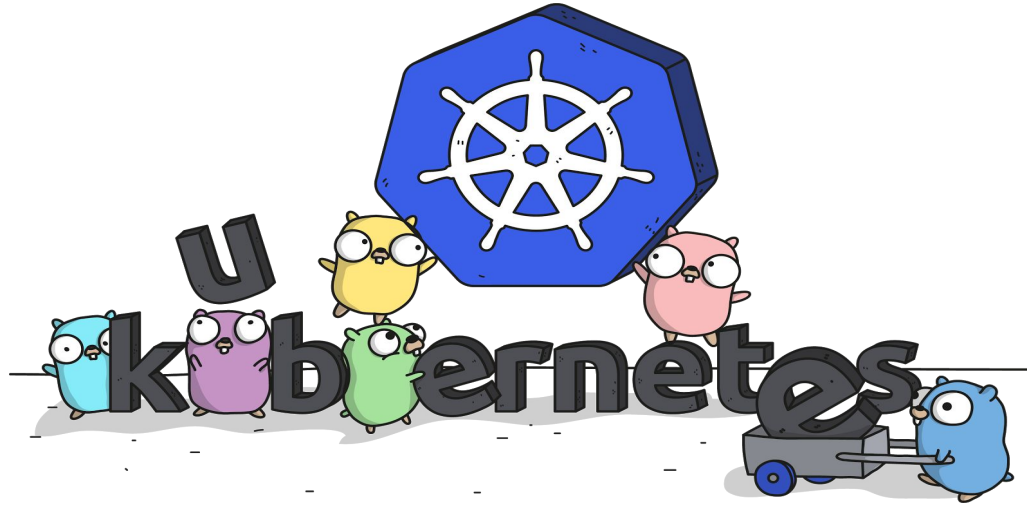


How To Contribute

To



WHO am I?

- Hi, I am Nikhita Raghunath!
- Intern at RedHat
- Google Summer of Code 2017 student with CNCF (Kubernetes)
- You can find me on:
 - Github - [nikhita](#)
 - Twitter - [TheNikhita](#)

CONTRIBUTING is Not only about code

It is about helping a community

Help the Community

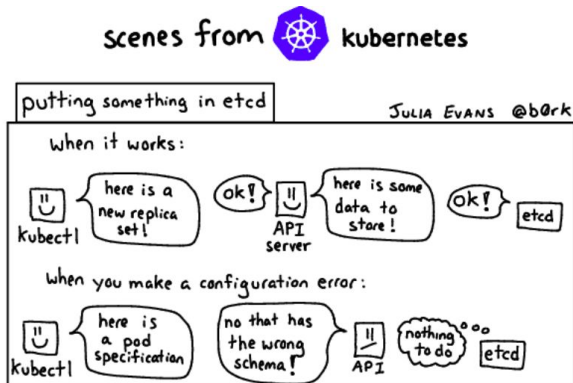
- Blogposts
- StackOverflow
- Slack
- Note-taking
- Be a part of the release team
- Project management
- Technical architecture

“There is a home for every skill”

GET CREATIVE!

Draw and explain

Jeopardy!



[Julia Evans](#)



Lachlan Evenson

@LachlanEvenson

Following

#k8s jeopardy q5. This allows Kubernetes to be extended with additional APIs, beyond what is offered by the core Kubernetes APIs.

11:03 PM - 7 Nov 2017

3 Retweets 8 Likes



4

3

8



[Lachlan Evenson](#)

CONTRIBUTING Code!

1. Choose what to WORK ON

"I don't KNOW Go"

THAT'S OK!

1. Choose your language

- Go - [kubernetes/kubernetes](#)
- Python - [kubernetes-incubator/client-python](#)
- C# - [kubernetes-client/csharp](#)
- Java - [kubernetes-client/java](#)
- Javascript - [kubernetes-client/javascript](#)
- Ruby - [kubernetes-client/ruby](#)
- Typescript - [kubernetes-client/typescript](#)

2. Choose your project

- [Kubernetes](#)
- [Helm](#)
- [Kops](#)
- [Minikube](#)
- [Dashboard](#)

..and many more!

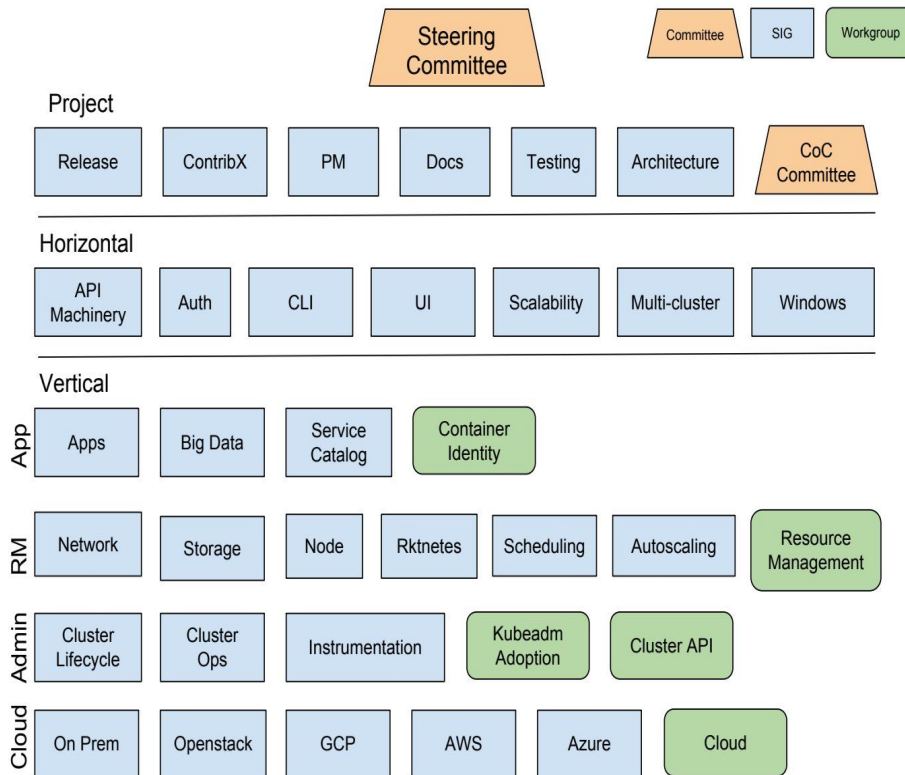
"K8s size is
overwhelming"
Let's break it down!

3. Choose a SIG

SIG = Special Interest Group

Complete list:

<https://github.com/kubernetes/community/blob/master/sig-list.md>



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

They are smart and
Nice. Don't be scared!

4. Reach out!

Via:

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



nikhita 12:30 PM

@luxas thanks for the follow up!

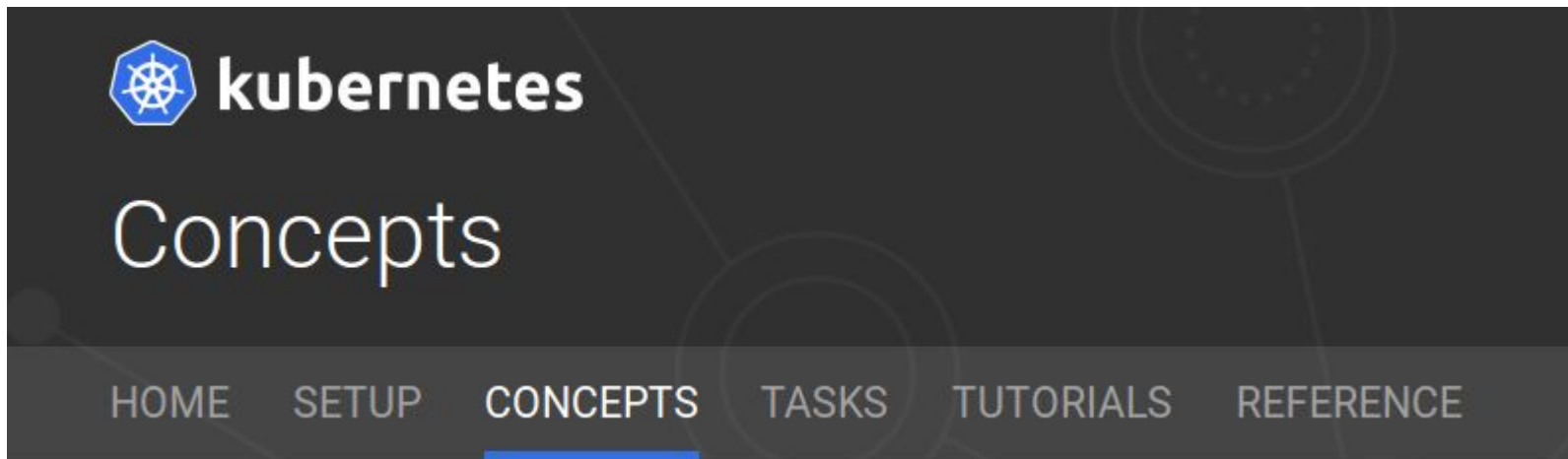


luxas 📅 5:29 PM

@nikhita My pleasure! I'm very happy that you chose to work on Kubernetes tasks and hope you feel welcome to the community 😊

2. Understanding the architecture

1. Docs











Start here:

<https://kubernetes.io/docs/concepts>

2. Design Proposals

Understand the [architecture](#) and explore the [design proposals](#)!

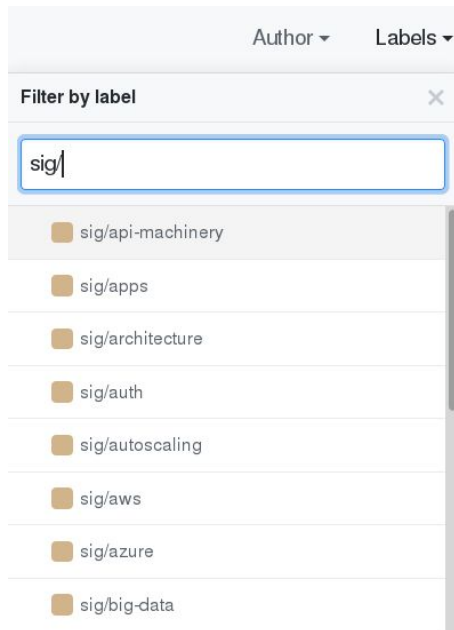
Branch: **master** [community](#) / [contributors](#) / [design-proposals](#) / [Create new file](#) [Upload files](#) [Find file](#) [History](#)

 cblecker Fix anchor in pod-preset.md	Latest commit c43b1fe 2 days ago
..	
 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 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	removed autogenerated munge analytics from files 29 days ago

"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

 Conversation 473

4. Docs (again!)

But this time **YOU** write it!

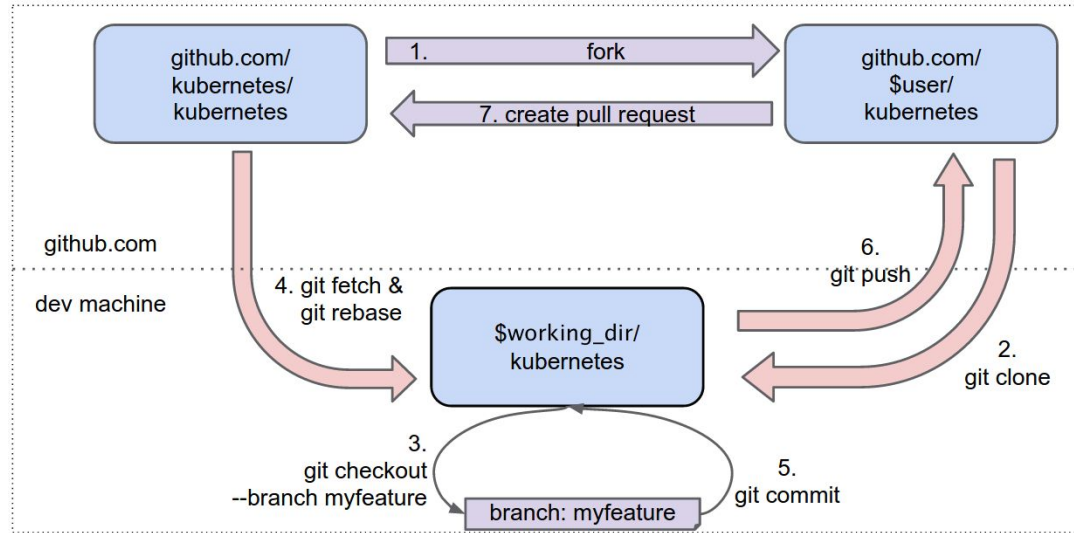
4. Docs (again!)

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!
 - your mentor
 - 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>