



KubeCon



CloudNativeCon

Europe 2019

Intro + Deep Dive: Kubernetes (Docs) SIG

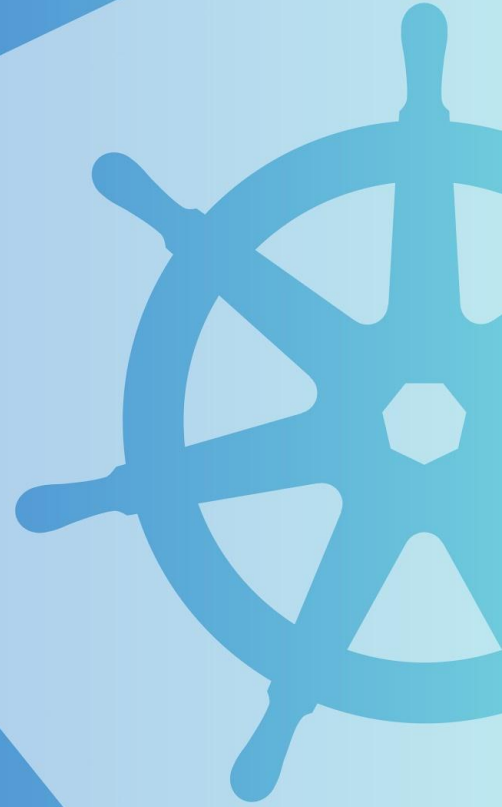
Zach Corleissen, Linux Foundation &
Rael Garcia, CAPSiDE



Zach will introduce (25 minutes)

Rael will deep dive (60 minutes)

Intro to SIG Docs



Docs is the largest Kubernetes SIG.



kubernetes

Docs drive adoption.

**In open source, adoption changes the
balance of power.**



kubernetes

Docs signal and drive inclusion.

**Inclusive communities commit to
inclusive docs.**



kubernetes

**Kubernetes docs support localizations
for 9 languages
(with 2 more initializing soon).**



kubernetes

**In April 2019, kubernetes.io received
1.2 million page views per week.**



kubernetes

**The website builds from the repository
via netlify.**

github.com/kubernetes/website -> kubernetes.io



kubernetes

**Contributors interact with docs source
in GitHub using Prow commands.**

<https://prow.k8s.io/command-help>



kubernetes

**SIG Docs supports the quarterly
release cycle.**



kubernetes

Docs is the largest Kubernetes SIG.

...but size is misleading.



kubernetes

It's easy to get involved with SIG Docs.



kubernetes

**Individual contributors make existing
content better.**

Write new content.

Help localize.



kubernetes

**CNCF partners contribute, too.
Hire more technical writers.
Support developers who document.**



kubernetes

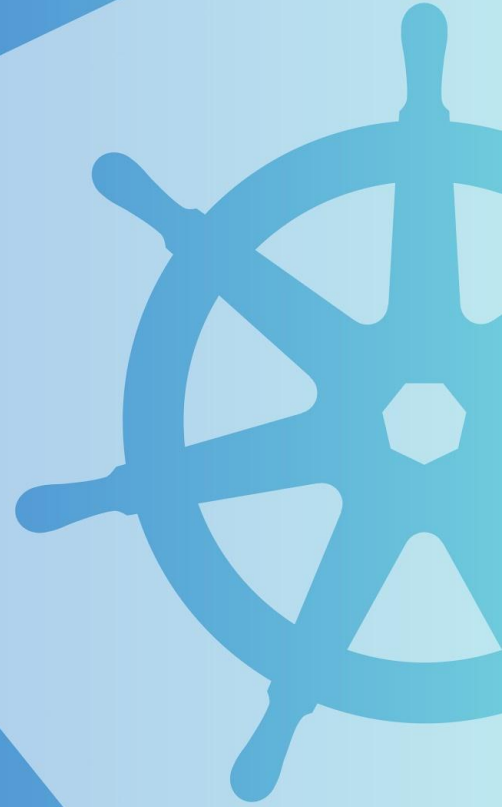
Our contributors are amazing.

Thank you.



kubernetes

Deep dive into SIG Docs



kubernetes.io



Hugo



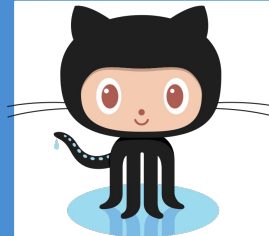
kubernetes.io is written in **Markdown** and deployed using **Hugo**



<https://gohugo.io>



Git and GitHub



github.com

kubernetes.io source code for the site is in **GitHub**

kubernetes / website

Unwatch 155 Star 1,277 Fork 4,617

Code Issues 443 Pull requests 146 Projects 2 Wiki Insights

Kubernetes website and documentation repo: <https://kubernetes.io>

11,121 commits 23 branches 34 releases 1 environment 1,917 contributors CC-BY-4.0

Branch: master New pull request

Create new file Upload files Find File Clone or download

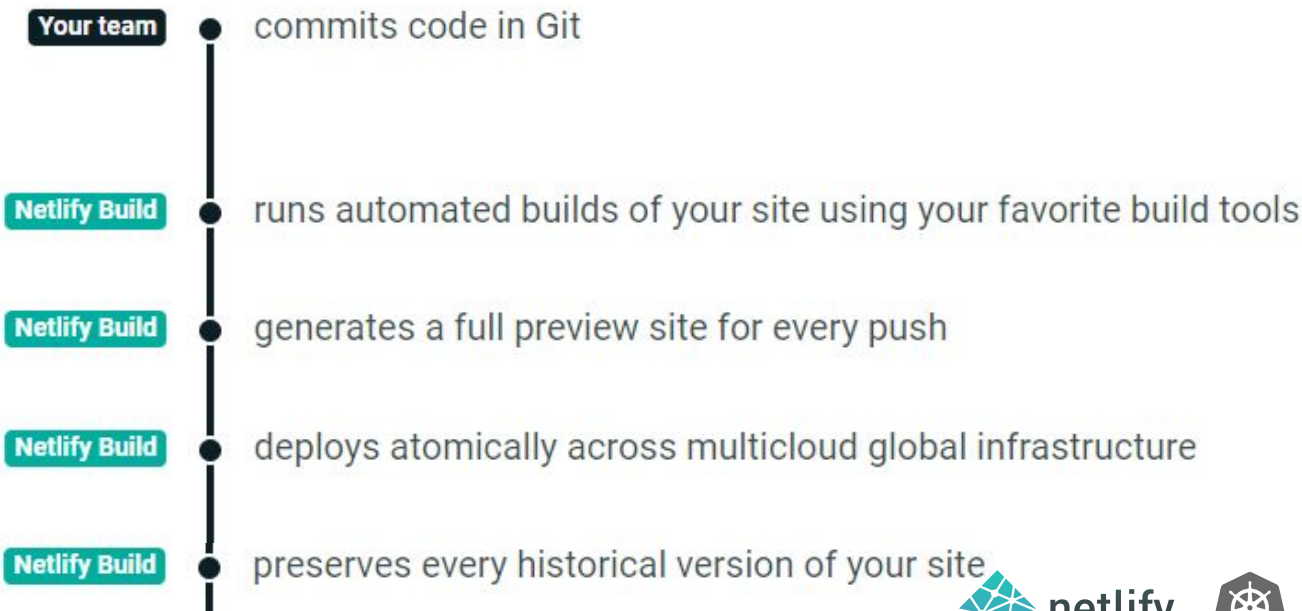
<https://git.k8s.io/website>



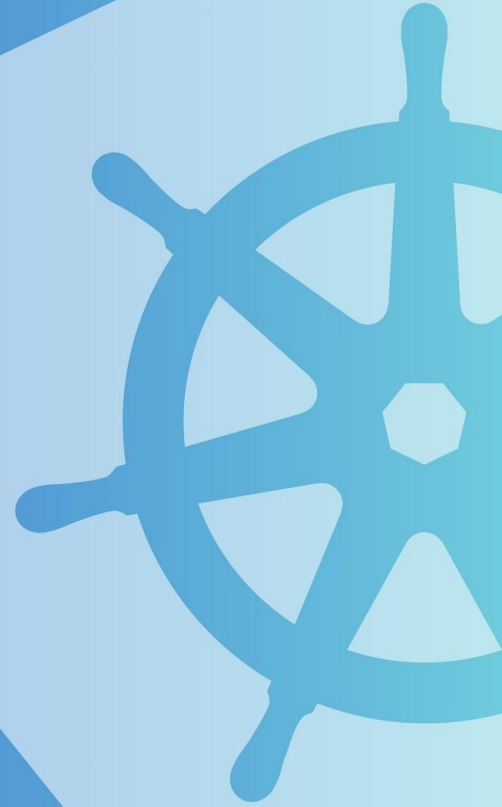
kubernetes



kubernetes.io is built and deployed by **Netlify**



Contributing to docs



Read the Docs



Read the current documentation

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

Read the community contributors guide

<https://git.k8s.io/community/contributors/guide>

Read the docs contribution guides

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

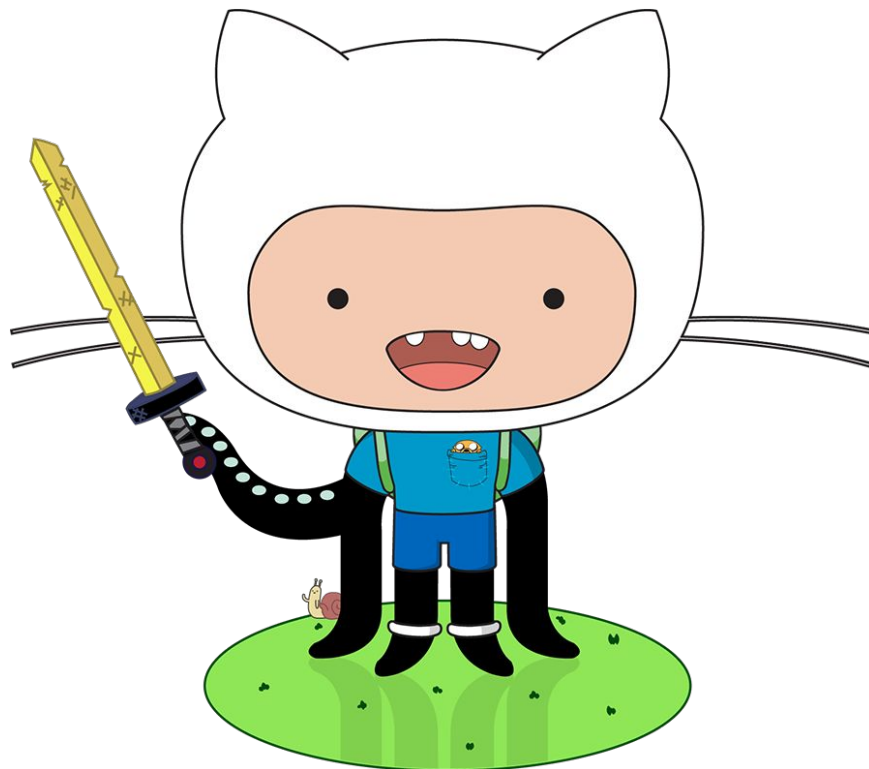
Join to the Kubernetes Slack



slack.k8s.io

[#sig-docs](#)

Gitventure time



the Adventure Cat by [@jonrohan](#)



Fork the kubernetes website repo



Unwatch ▾ 155 ★ Star 1,277 🍴 Fork 4,617

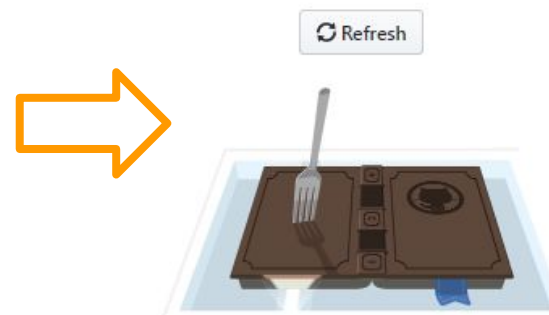
Insights

Environment 👤 1,917 contributors 📄 CC-BY-4.0



Forking kubernetes/website

It should only take a few seconds.



<https://github.com/kubernetes/website>



Clone your fork

```
C:\Windows\System32\bash.exe

rael@W001062:k8s
$ git clone --depth 1 git@github.com:raelga/kubernetes-website
Cloning into 'kubernetes-website'...
remote: Enumerating objects: 3849, done.
remote: Counting objects: 100% (3849/3849), done.
remote: Compressing objects: 100% (3299/3299), done.
remote: Total 3849 (delta 475), reused 2389 (delta 248), pack-reused 0
Receiving objects: 100% (3849/3849), 118.91 MiB | 608.00 KiB/s, done.
Resolving deltas: 100% (475/475), done.
Checking out files: 100% (3694/3694), done.
rael@W001062:k8s
$ cd kubernetes-website/
rael@W001062:kubernetes-website (master)
$ █

s: 100% (3694\3694), done.
```



Checkout a new branch for the contribution

```
C:\Windows\System32\bash.exe

rael@W001062:kubernetes-website (master)
$ git checkout -b 'add-annotation-glossary-page'
Switched to a new branch 'add-annotation-glossary-page'
rael@W001062:kubernetes-website (add-annotation-glossary-page)
$ git status
On branch add-annotation-glossary-page
nothing to commit, working tree clean
rael@W001062:kubernetes-website (add-annotation-glossary-page)
$ █
```

s: 100% (3694\3694), done.



Commit your changes to your branch

```
C:\Windows\System32\bash.exe
rael@W001062:kubernetes-website (add-annotation-glossary-page)
$ git status
On branch add-annotation-glossary-page
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    content/es/docs/reference/glossary/annotation.md

nothing added to commit but untracked files present (use "git add" to track)
rael@W001062:kubernetes-website (add-annotation-glossary-page)
$ git add content/es/docs/reference/glossary/annotation.md
rael@W001062:kubernetes-website (add-annotation-glossary-page)
$ git commit -m 'Add spanish version of the annotation page'
[add-annotation-glossary-page 0b8fadcd] Add spanish version of the annotation page
1 file changed, 18 insertions(+)
 create mode 100644 content/es/docs/reference/glossary/annotation.md
rael@W001062:kubernetes-website (add-annotation-glossary-page)
$
```



```
Select Windows PowerShell
PS C:\Users\rael\Documents\Code\gh\raelga\k8s\kubernetes-website> make
help          Show this help.
all           Build site with production settings and put deliverables in ./public
build        Build site with production settings and put deliverables in ./public
build-preview Build site with drafts and future posts enabled
production-build Build the production site and ensure that noindex headers aren't added
non-production-build Build the non-production site, which adds noindex headers to prevent indexing
serve        Boot the development server.
PS C:\Users\rael\Documents\Code\gh\raelga\k8s\kubernetes-website> make serve
hugo server --buildFuture
Building sites ...
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| EN | ZH | KO | JA | FR | IT | DE | ES | PT | ID |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Pages          | 1014 | 201 | 190 | 71 | 65 | 34 | 86 | 97 | 12 | 13
Paginator pages | 278  | 5   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0
Non-page files  | 466  | 130 | 132 | 203 | 32  | 17  | 122 | 142 | 10  | 10
Static files   | 883  | 883 | 883 | 883 | 883 | 883 | 883 | 883 | 883 | 883
Processed images | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0
Aliases        | 5    | 1   | 0   | 0   | 0   | 1   | 1   | 1   | 1   | 0
Sitemaps       | 2    | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1
Cleaned        | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0

Total in 7194 ms
Watching for changes in C:\Users\rael\Documents\Code\gh\raelga\k8s\kubernetes-website\{content,data,i18n,layouts,static}
Watching for config changes in C:\Users\rael\Documents\Code\gh\raelga\k8s\kubernetes-website\config.toml
Environment: "development"
Serving pages from memory
Running in Fast Render Mode. For full rebuilds on change: hugo server --disableFastRender
Web Server is available at http://localhost:1313/ (bind address 127.0.0.1)
Press Ctrl+C to stop
```

<https://git.k8s.io/website/README-es.md>





Production-Grade Container Orchestration

Automated container deployment, scaling, and management

[Learn Kubernetes Basics](#)

Kubernetes (K8s) is an open-source system for automating deployment, scaling, and management of containerized applications.

It groups containers that make up an application into logical units for easy management and discovery. Kubernetes builds upon 15 years of experience of running production workloads at Google, combined with best-of-breed ideas and practices from the community.



Planet Scale

Designed on the same principles that allows Google to run billions of containers a week, Kubernetes can scale without increasing your ops team.

Never Outgrow

Whether testing locally or running a global enterprise, Kubernetes flexibility grows with you to deliver your



<http://localhost:1313/>



Push the changes to your branch

```
C:\Windows\System32\bash.exe

raelga@W001062:kubernetes-website (add-annotation-glossary-page)
$ git push --set-upstream origin add-annotation-glossary-page
Counting objects: 8, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 997 bytes | 0 bytes/s, done.
Total 8 (delta 5), reused 0 (delta 0)
remote: Resolving deltas: 100% (5/5), completed with 5 local objects.
remote:
remote: Create a pull request for 'add-annotation-glossary-page' on GitHub by visiting:
remote:   https://github.com/raelga/kubernetes-website/pull/new/add-annotation-glossary-page
remote:
To github.com:raelga/kubernetes-website
 * [new branch]      add-annotation-glossary-page -> add-annotation-glossary-page
Branch add-annotation-glossary-page set up to track remote branch add-annotation-glossary-page f
rom origin by rebasing.
raelga@W001062:kubernetes-website (add-annotation-glossary-page)
$ █
```

Create a pull request

raelga / [kubernetes-website](#)
forked from kubernetes/website

Unwatch 1

★ Star 0

Fork 4,627

Code

Pull requests 0

Projects 0

Wiki

Insights

Settings

Kubernetes website and documentation repo: <https://kubernetes.io>

Edit

Manage topics

10,954 commits

27 branches

34 releases

1,871 contributors

CC-BY-4.0

Your recently pushed branches:

add-annotation-glossary-page (less than a minute ago)

Compare & pull request

Branch: master

New pull request

Create new file

Upload files

Find File

Clone or download

This branch is 174 commits behind kubernetes:master.

Pull request Compare

femrtzn Merge pull request [kubernetes#13902](#) from femrtzn/master

Latest commit a06c9c7 27 days ago

Linux Foundation CLA



<https://www.linuxfoundation.org/>

Some checks were not successful Hide all checks
1 failing, 1 pending, 1 neutral, and 4 successful checks

- cla/linuxfoundation** — SpireCat needs CLA Required Details
- tide** *Pending* — Not mergeable. Needs `cncf-cla: yes` label. Details

<https://identity.linuxfoundation.org/projects/cncf>

The Contributor License Agreement



Defines the legal status of the contributed code in two different types of Contributor License Agreements (CLAs):



Individual contributors



Corporations



THE
LINUX
FOUNDATION

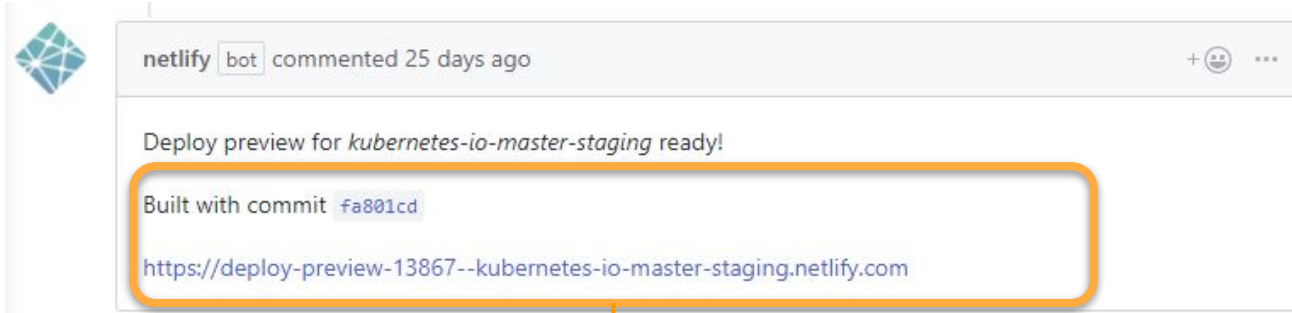
Kubernetes can only accept original source code from CLA signatories

<https://git.k8s.io/community/CLA.md>



kubernetes

Build succeeded: Preview site



Labels for required for approval: **lg**tm

/lg

tm from reviewers

Rajakavitha1 commented 5 days ago

Member



@lucperkins Thank you so much for the PR.

<https://deploy-preview-14218--kubernetes-io-master-staging.netlify.com/accessibility/> looks amazing!!!!

/lg

tm

@zacharysarah could you please take a look and state your approval.



k8s-ci-robot assigned Rajakavitha1 5 days ago



k8s-ci-robot added the **lg**tm label 5 days ago



Labels for required for publication: **approved**

`/approve` from owners



AWKIF commented 27 days ago

Member



`/approve`



k8s-ci-robot commented 27 days ago

Member



[APPROVALNOTIFIER] This PR is **APPROVED**

This pull-request has been approved by: [AWKIF](#)

The full list of commands accepted by this bot can be found [here](#).

The pull request process is described [here](#)



► Details





k8s-ci-robot added the **approved** label 27 days ago



Live!

  k8s-ci-robot added the **approved** label on Apr 4

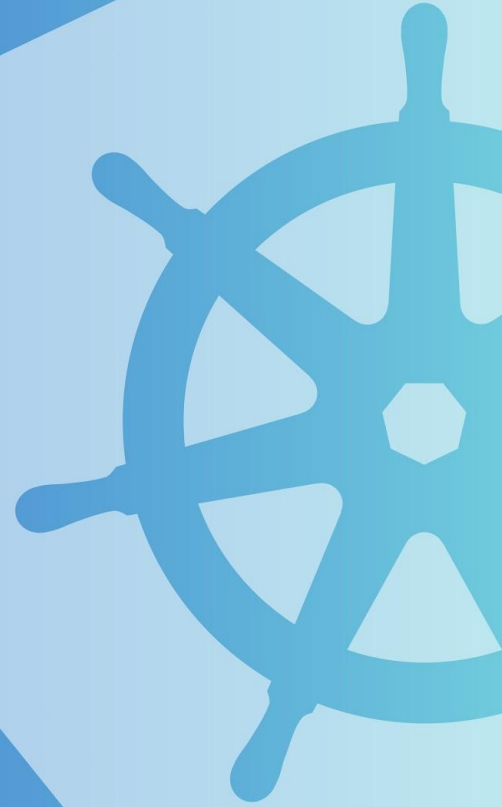
  k8s-ci-robot merged commit `5bf4b33` into `kubernetes:master` on Apr 4
6 of 8 checks passed

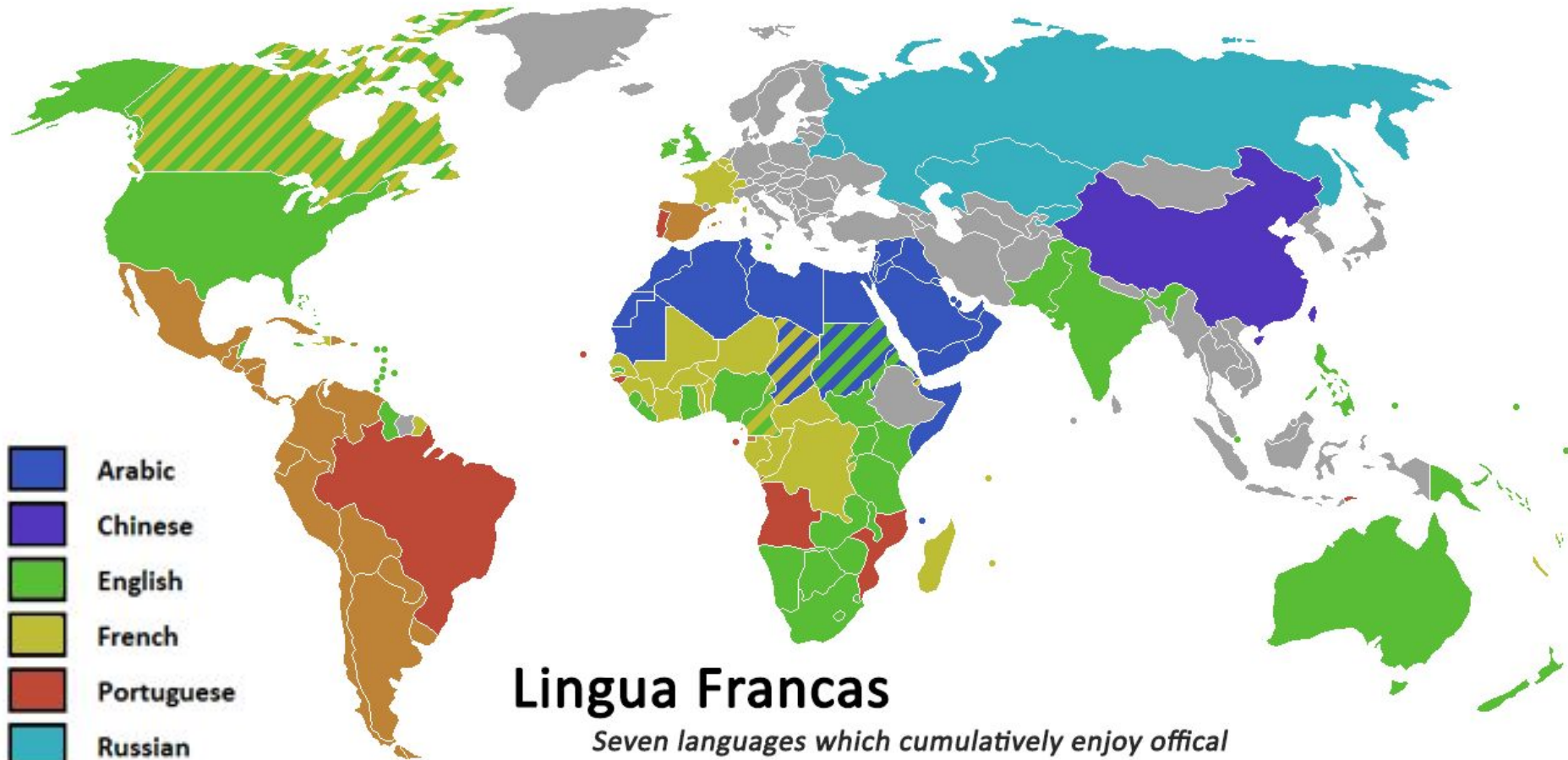
[View details](#)

[Revert](#)



Locali[sz]ation





- Arabic
- Chinese
- English
- French
- Portuguese
- Russian
- Spanish

Lingua Francas

Seven languages which cumulatively enjoy official status across 75% of the world's land area

https://en.wikipedia.org/wiki/List_of_languages_by_number_of_native_speakers

What is localization



Internationalization

*Internationalization is the design and development of a product, application or document content that **enables** easy localization for target audiences that vary in culture, region, or language.*

<https://www.w3.org/International/questions/qa-i18n>

What is localization



Localization

*Localization refers to the **adaptation** of a product, application or document content **to meet the language, cultural and other requirements** of a specific target market (a locale).*

<https://www.w3.org/International/questions/qa-i18n>

What is localization?



Often thought of only as a synonym for translation of the user interface and documentation, **localization is often a substantially more complex issue.**

A good localization requires human intervention, you need to explain, in your own words and language, the concepts.

David Nichols COMPX341 User Experience <https://www.cs.waikato.ac.nz/~daven/>

Why localization is important?



Knowing English is NOT binary, there is a spectrum.

To remove the language barrier

To make the community more inclusive

To allow communities in those languages



Slack channels for languages



[#kubernetes-docs-de](#)

[#kubernetes-docs-es](#)

[#kubernetes-docs-fr](#)

[#kubernetes-docs-hi](#)

[#kubernetes-docs-id](#)

[#kubernetes-docs-it](#)

[#kubernetes-docs-ja](#)

[#kubernetes-docs-ko](#)

[#kubernetes-docs-pt](#)

[#kubernetes-docs-zh](#)



Starting a new localization



Check the Localizing Kubernetes Documentation

- <https://kubernetes.io/docs/contribute/localization/>

Take a look at other localization initial PRs

- French <https://github.com/kubernetes/website/pull/12548>
- Indonesian <https://github.com/kubernetes/website/pull/13822>
- Spanish <https://github.com/kubernetes/website/pull/13543>

Get other localization teams involved

Don't hesitate to talk with other teams to get things started

Init French translation #12548

Merged k8s-ci-robot merged 1 commit into `kubernetes:master` from

Conversation 23 Commits 1 Checks 4 Files



remyleone commented on Feb 8

Init Indonesian translation #13822

Merged k8s-ci-robot merged 12 commits into `kubernetes:master` from

Conversation 13 Commits 12 Checks 4 Files



girikuncoro commented on Apr 15

Init Spanish localisation #13543

Merged k8s-ci-robot merged 34 commits into `kubernetes:master` from

Conversation 49 Commits 34 Checks 4 Files

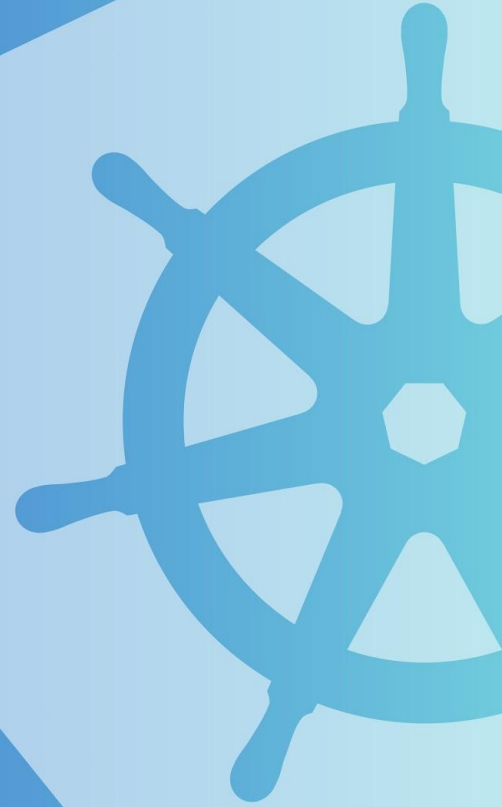


raelga commented on Mar 30



kubernetes

Community



Contributing is Not only about code

It is about helping a community



Build a community around docs (part 1)



Thank contributors.

Provide feedback and guidance.

Help other languages.

Participate in wider discussions.

Use your language in the community.

Build a community around docs (part 2)



Provide support and warm welcome to new contributors.

Publicize the localization effort.

Get folks involved in localizing their own languages.

Organize events in your local community.



Find Cloud Native Computing Foundation (CNCF) Meetups

Who we are

<https://www.meetup.com/pro/cncf/#meetups>



Break the digital barrier



Cloud Native Barcelona meetup, sig-docs hackathon

- [Add content/es/docs/concepts/containers/container-environment-variables.md](#) • cncf-cla: yes language/es sig/docs size/M
#14378 opened 2 days ago by atsuky
- [Add content/es/docs/reference/glossary/application-architect.md](#) • cncf-cla: yes language/es sig/docs size/S
#14373 opened 3 days ago by ignasi35 • Changes requested
- [Add content/es/docs/reference/glossary/application-developer.md](#) • cncf-cla: yes language/es sig/docs size/S
#14372 opened 3 days ago by ignasi35
- [Add content/es/docs/reference/glossary/certificate.md](#) • cncf-cla: yes language/es lgtn sig/docs size/S
#14371 opened 3 days ago by ignasi35
- [Add content/es/docs/reference/glossary/persistent-volume-claim.md](#) × cncf-cla: no language/es sig/docs size/S
#14370 opened 3 days ago by gamusinoo
- [Add content/es/docs/reference/glossary/selector](#) • cncf-cla: yes language/es sig/docs size/S
#14369 opened 3 days ago by slienyp • Changes requested
- [Add content/es/docs/reference/glossary/pod.md](#) • cncf-cla: yes language/es sig/docs size/S
#14368 opened 3 days ago by dgomazferro • Changes requested
- [Add content/es/docs/reference/glossary/deployment.md](#) • cncf-cla: yes language/es lgtn sig/docs size/S
#14367 opened 3 days ago by asamarin
- [Add content/es/docs/reference/glossary/rkt.md](#) • cncf-cla: yes language/es sig/docs size/S
#14365 opened 3 days ago by ifraixedes • Changes requested
- [Add content/es/docs/reference/glossary/image.md](#) • cncf-cla: yes language/es sig/docs size/S
#14364 opened 3 days ago by javisabaleta
- [Add content/es/docs/reference/glossary/replica-set.md](#) • cncf-cla: yes language/es lgtn sig/docs size/S
#14362 opened 3 days ago by ureesoriano • Approved
- [Add content/es/docs/reference/glossary/service.md](#) • cncf-cla: yes language/es sig/docs size/S
#14361 opened 3 days ago by daverick





Cloud Native Barcelona meetup, Kubernetes Study JAM





KubeCon



CloudNativeCon

Europe 2019

Thanks!

Slides available at sched.co/MP1A



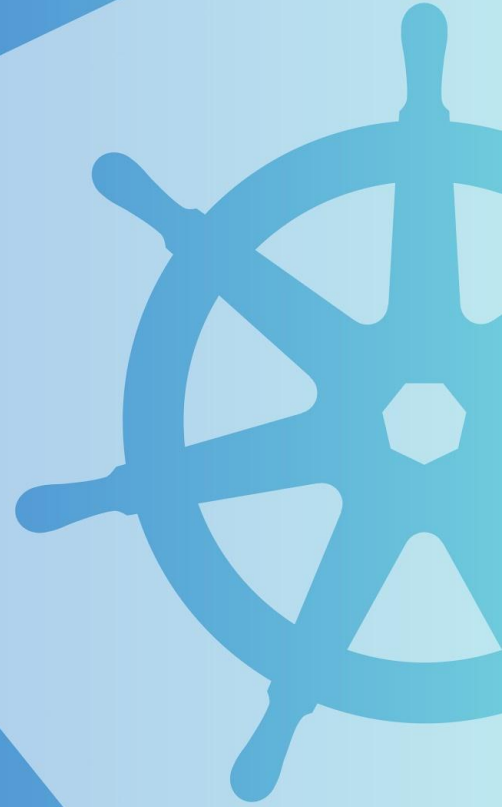
KubeCon



CloudNativeCon

Europe 2019

Localization Extra Slides



Localizations progress

German

[website#14137](#)

Hindi

[website#13957](#)

Indonesian

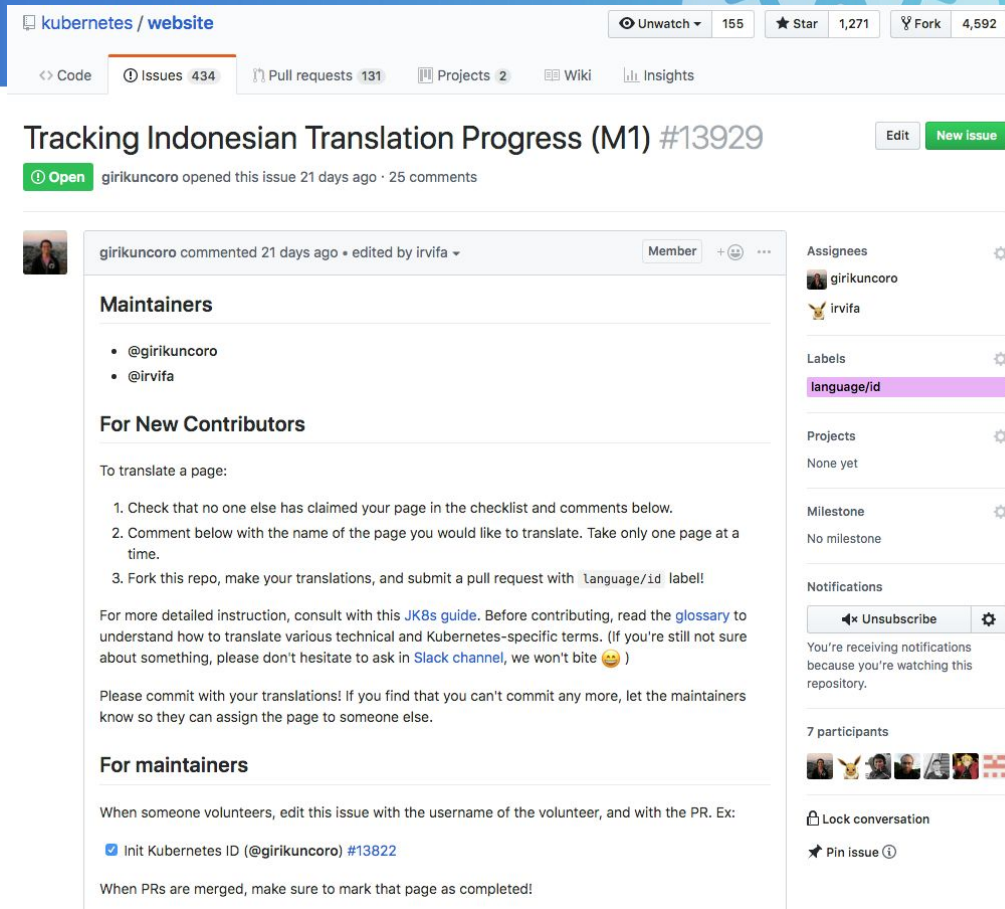
[website#13929](#)

Portuguese

[website#13939](#)

Spanish

[website#13948](#)



kubernetes / website

Unwatch 155 Star 1,271 Fork 4,592

Code Issues 434 Pull requests 131 Projects 2 Wiki Insights

Tracking Indonesian Translation Progress (M1) #13929

Open girikuncoro opened this issue 21 days ago · 25 comments

girikuncoro commented 21 days ago · edited by irvifa

Member

Maintainers

- @girikuncoro
- @irvifa

For New Contributors

To translate a page:

- Check that no one else has claimed your page in the checklist and comments below.
- Comment below with the name of the page you would like to translate. Take only one page at a time.
- Fork this repo, make your translations, and submit a pull request with `language/id` label!

For more detailed instruction, consult with this [JK8s guide](#). Before contributing, read the [glossary](#) to understand how to translate various technical and Kubernetes-specific terms. (If you're still not sure about something, please don't hesitate to ask in [Slack channel](#), we won't bite 😊)

Please commit with your translations! If you find that you can't commit any more, let the maintainers know so they can assign the page to someone else.

For maintainers

When someone volunteers, edit this issue with the username of the volunteer, and with the PR. Ex:

- Init Kubernetes ID (@girikuncoro) #13822

When PRs are merged, make sure to mark that page as completed!

Assignees: girikuncoro, irvifa

Labels: language/id

Projects: None yet

Milestone: No milestone

Notifications: Unsubscribe

7 participants

Lock conversation

Pin issue



Tracking Spanish Localisation Progress (M1) #13948

raelga opened this issue 20 days ago · 16 comments

Work Status

This is our first milestone (M1) that we aim to complete before KubeCon EU 2020 on:

- Webpage
- Documentation tree and landings
- User level core concepts
- Most visited tasks

If you are interested in working on something is not listed here, please let us

Since KubeCon is around the corner, we will do cut, move left overs to next n technical review when that happens in June.

Main

Website

- Landing (@raelga) #13543
- Partners (@raelga) #13543



Tracking Indonesian Translation Progress (M1) #13929

girikuncoro opened this issue 21 days ago · 25 comments



qbl referenced this issue 18 days ago

Add translations for Declarative Config for Bahasa Indonesia #14030



qbl commented 18 days ago

Contributor



I've sent PR for Declarative Config of Overview (content/id/docs/concepts/overview). I'm taking Imperative Command of Overview (content/id/docs/concepts/overview) next.



2



qbl referenced this issue 16 days ago

Add translations for Imperative Command for Bahasa Indonesia #14064



qbl commented 16 days ago

Contributor



I've sent PR for Imperative Command of Overview (content/id/docs/concepts/overview). I'm taking Imperative Config (content/id/docs/concepts/overview) next.



2



zufardhiyaulhaq referenced this issue 14 days ago

Translate Connecting Applications with Services in Bahasa Indonesia #14079



Tips and tricks for new localizations

Start localizing the main website to promote the new language

Start localizing shared resources to avoid conflicts

- Menú index tree
- Feature templates
- Glossary terms

Create the tracking localization progress issue and set a milestone



Referencia

Glosario de términos

- ▶ kubect! CLI
- ▶ Kubernetes API
- ▶ Utilizando la API de Kubernetes
- ▶ Accediendo a la API de Kubernetes
- ▶ Reportando problemas en Kubernetes
- ▶ Herramientas de configuración
- ▶ Herramientas de línea de comandos
- ▶ Federation API
- Tools (EN)

Referencia

Esta sección de la documentación de Kubernetes contiene inform

- [Información de referencia sobre la API](#)
- [Librerías de cliente para la API](#)
- [Información de referencia sobre la CLI](#)
- [Información de referencia sobre la configuración](#)
- [Documentos de diseño](#)

Información de referencia sobre la A

- [Descripción general de la API de Kubernetes](#)
- [Documentación de referencia de las últimas versiones de la A](#)

Menú index tree Pull Request

<https://github.com/kubernetes/website/pull/13809>

Tanto el backend de logs como el de webhook permiten truncado. Como ejemplo, aquí se indica la lista de parámetros disponible para el backend de logs:

- `audit-log-truncate-enabled` indica si el truncado de eventos y por lotes está habilitado.
- `audit-log-truncate-max-batch-size` indica el tamaño máximo en bytes del lote enviado al backend correspondiente.
- `audit-log-truncate-max-event-size`

Por defecto, el truncado está deshabilitado ta
`audit-webhook-truncate-enabled` para ha

Backend dinámico

FEATURE STATE: Kubernetes v1.13 **alpha**

En la versión 1.13 de Kubernetes, puedes con

Para habilitar la auditoría dinámica, debes co

- `--audit-dynamic-configuration`: el in
- `--feature-gates=DynamicAuditing=tr`
- `--runtime-config=auditregistration`

Cuando se habilita, un objeto AuditSink se provisiona de la siguiente forma:

```
apiVersion: auditregistration.k8s.io/v1alpha1
kind: AuditSink
metadata:
  name: mysink
```

alpha

La funcionalidad está actualmente en **alpha**:

- El nombre de la versión contiene alpha (por ejemplo, v1alpha1)
- No está completamente testada, por lo que habilitar la funcionalidad puede exponer problemas. Se encuentra deshabilitada por defecto.
- El soporte de la funcionalidad puede desestimarse en cualquier momento sin previo aviso.
- La API puede romper la compatibilidad en releases posteriores sin previo aviso.
- Se recomienda utilizar este tipo de funcionalidades únicamente en clústeres efímeros para testing, dado el elevado riesgo de problemas que puede provocar y la falta de soporte a larga plazo.

OK

Feature templates

<https://github.com/kubernetes/website/pull/14135>

