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**CloudNativeCon**

**Europe 2022**

**WELCOME TO VALENCIA**





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# Sharing Knowledge

Writing good docs for quick approval

**Jared Bhatti, Waymo**  
**K8s SIG Docs Chair Emeritus**

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Short link to preso: [bit.ly/kc-eu-docs](https://bit.ly/kc-eu-docs)





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# Your humble narrator

- Software engineer by training
- Technical writer @ Google since 2006
- K8s Sig-Docs Chair from 2016-2020
- Contributed to multiple other OSS docs
- Author of *Docs for Developers: An Engineer's Field Guide to Technical Writing*



# 72%

Say “established policies and documentation” are key factors when choosing software

# 81%

Prefer finding answers to documentation to reaching out to support

# 93%

Identify incomplete or outdated docs as a pervasive problem



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**This is a story  
about speed**



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# Let's set the scene



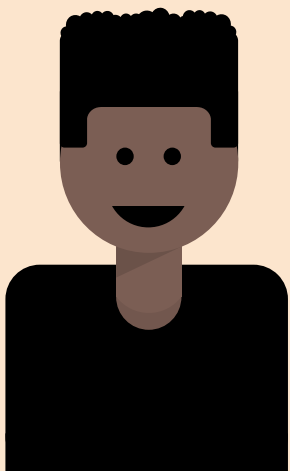
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**¡Hola! I'm Tony!**  
**I'm about to write a docs PR!**





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**Hey! I'm Maria, and I'm here  
to review PRs!**







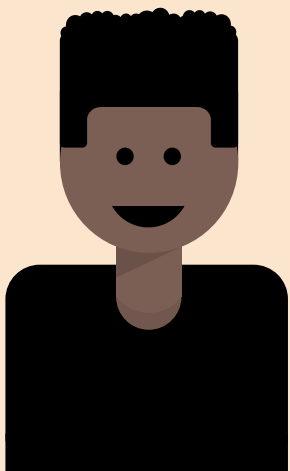
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**New feature is code complete  
I'm just going to quickly  
crank out a doc....**





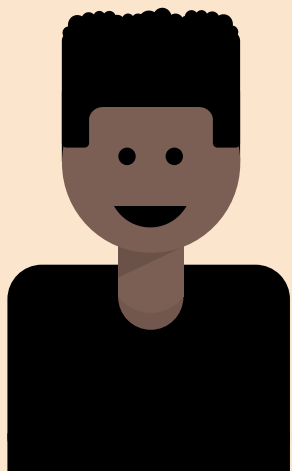
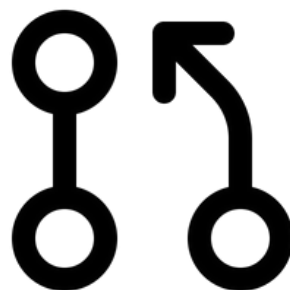
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**Done! Let's shoot this off...**



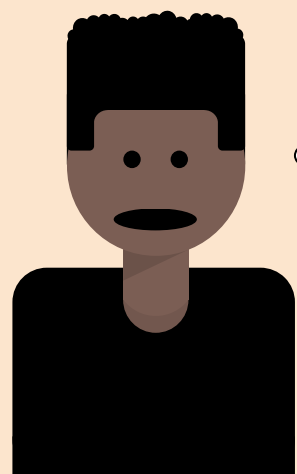


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!?





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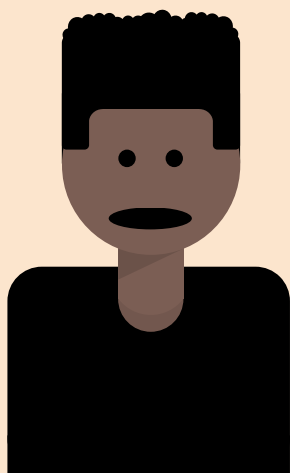


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??

...



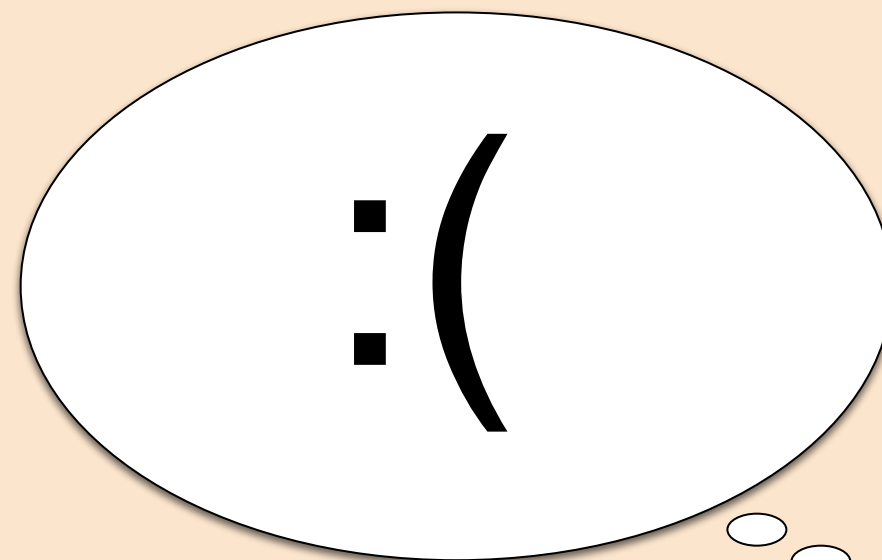
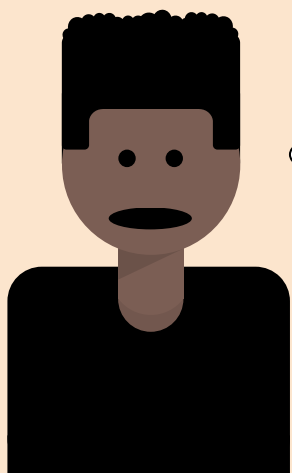
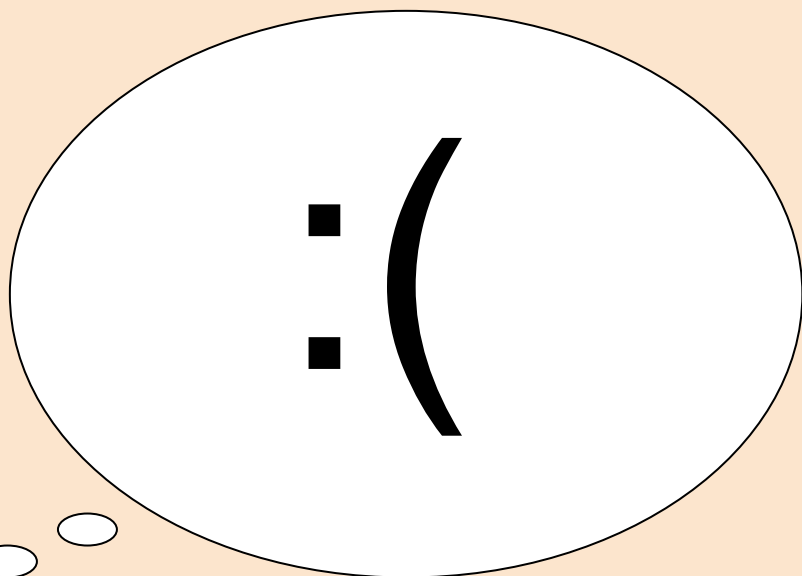


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**This is a story  
about ~~speed~~**

**This is actually a story about  
collaboration, empathy, and planning  
which leads to more speed :)**





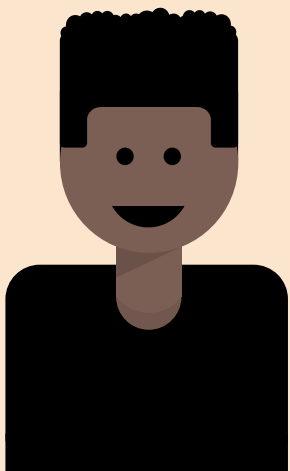
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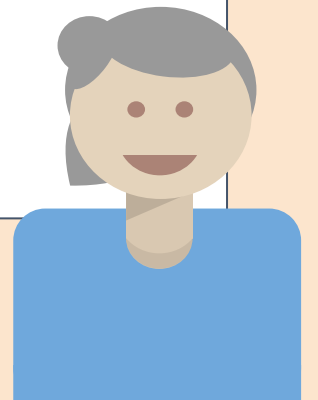
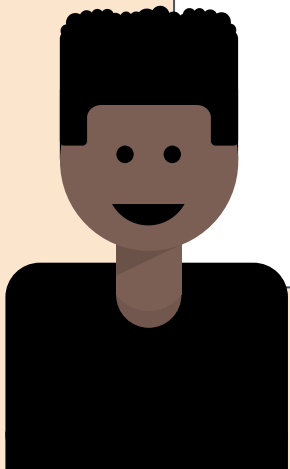


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# 1. Read the docs process

- Look up the doc submission process for the project (ex. [K8s](#))
- It should contain guidance for how to write your PR (Markdown, style guide, templates, reviewers, etc)





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# Sign the CLA

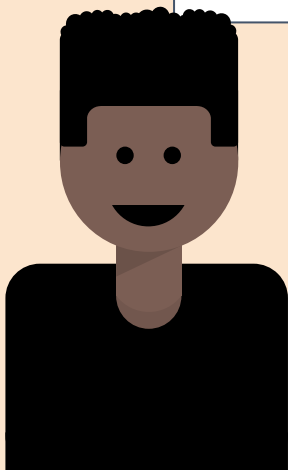


linux-foundation-easycla bot commented 10 days ago



LFX EasyCLA

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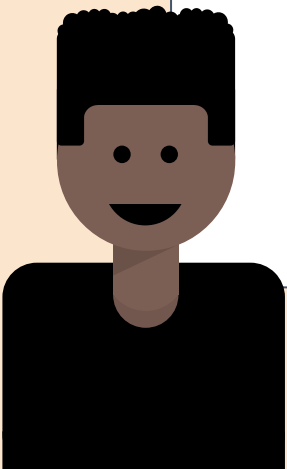


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## 2. Create an issue

- Identify your audience and what they want
- Create a quick doc plan (if necessary)
- Proactively reach out to potential reviewers





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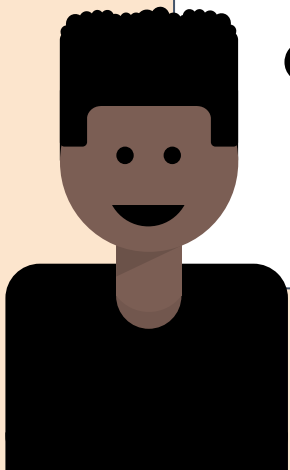


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### **3. Write the PR for your audience**

- Write in second person
- Focus on the present
- Break content into skimmable chunks
- Use existing templates and style guides





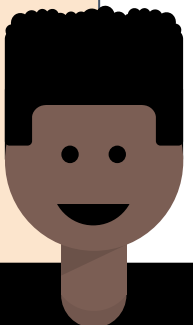
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We built Kubernetes with the concept of nodes, which run Pods (which in turn hold containers). Depending on the cluster, nodes may be on a virtual or physical machine. We built several **components** that run on every node to help maintain running Pods and the Kubernetes runtime environment, including the kubelet, a container runtime, and the kube-proxy.





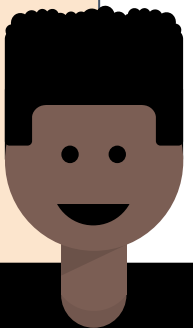
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**We** built Kubernetes with the **concept of nodes**, which run Pods (which in turn hold containers). Depending on the cluster, nodes may be on a virtual or physical machine. **We** built **several components that run on every node** to help maintain running Pods and the Kubernetes runtime environment, including the kubelet, a container runtime, and the kube-proxy.





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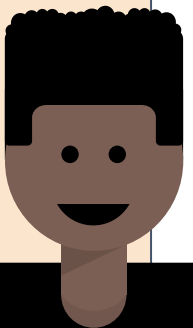


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Kubernetes runs your workload by placing containers into Pods to run on *Nodes*. A node may be a virtual or physical machine, depending on the cluster.

Node components include the kubelet, a container runtime, and the kube-proxy.







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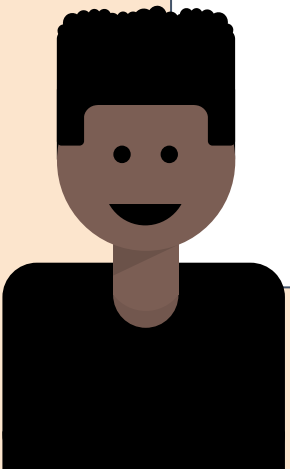


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## 4. Send your PR for review

- Specify the kind of review you want
- Label your PR! ([sig/labels](#))
- Request a review in Slack or at a SIG-Docs meeting





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## 5. Review the PR

- Review on a regular cadence
- Provide actionable feedback
- Call out “nitpicks”
- Request additional reviews if necessary
- Consider creating a reviewer guide ([k8s](#))





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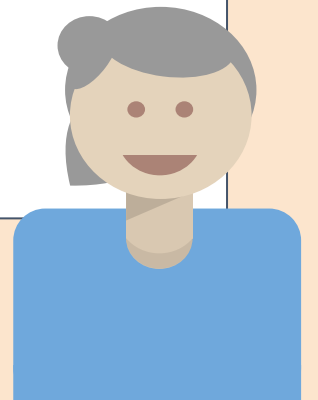
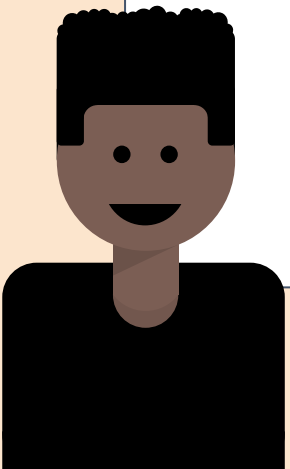


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## 6. Incorporate feedback

- Make it a conversation
- Keep it constructive





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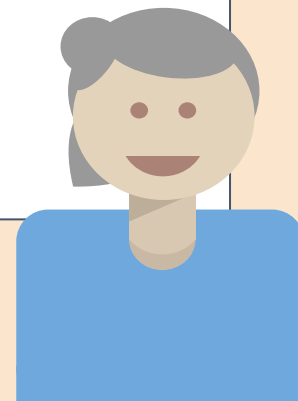
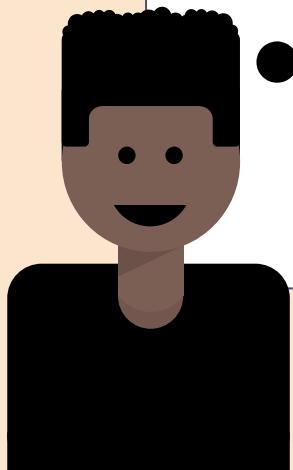


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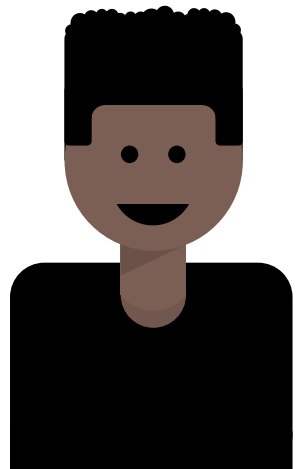
## 7. Approval and Merge

- Verify correct branch for merging
- Close the issue
- Perform any necessary cleanup
- Celebrate!



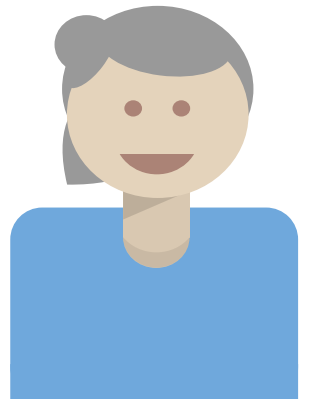
# For the doc writers

- Understand the doc process first
- Sign the CLA
- Create an issue to track your work
- Identify your audience
- Write in second person, focusing on the present
- Follow templates and style guides
- Specify the kind of review you want
- Keep review feedback constructive and conversational



# For doc reviewers

- Create and document your process for doc submissions
- Review on a regular cadence
- Provide actionable feedback
- Request additional reviews where necessary
- Avoid perfectionism, call out nitpicks



# General Documentation Resources

## Doc Templates

- Docsy ([docsy.dev](https://docsy.dev))
- Good Docs Project ([thegooddocsproject.dev](https://thegooddocsproject.dev))

## Community

- Write the Docs ([writethedocs.org](https://writethedocs.org))
- K8s Sig-Docs (via [k8s slack](#))

## Books

- *Docs for Developers: An Engineer's Field Guide to Technical Writing* ([docsfordevelopers.com](https://docsfordevelopers.com))



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# Thank you

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Zach Corleissen, Jen Lamborne

## **K8s Sig-Docs**

Jim Angel, Abbie McCarthy, Arsh Sharma, Brad Topol, Divya Mohan, Karen Bradshaw, Natali Vlatko, Qiming Teng, Rey Lejano, Taylor Dolezal, Tim Bannister







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