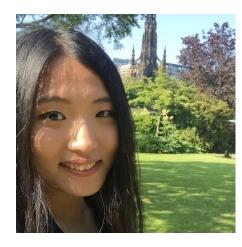


Meet your workshop helpers!





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Outline



- Google Cloud VM startup
- Build Kubernetes from source
- Start local cluster
- Change the code
- Run unit tests
- Create a Pull-Request

Prerequisites



- A computer with a connection to the Internet and a web browser.
 - A Google Cloud account will be distributed at the session.
- A GitHub account, created prior to the session.
- Agree to CNCF code of conduct and sign CLA, prior to the session.





North America 2018

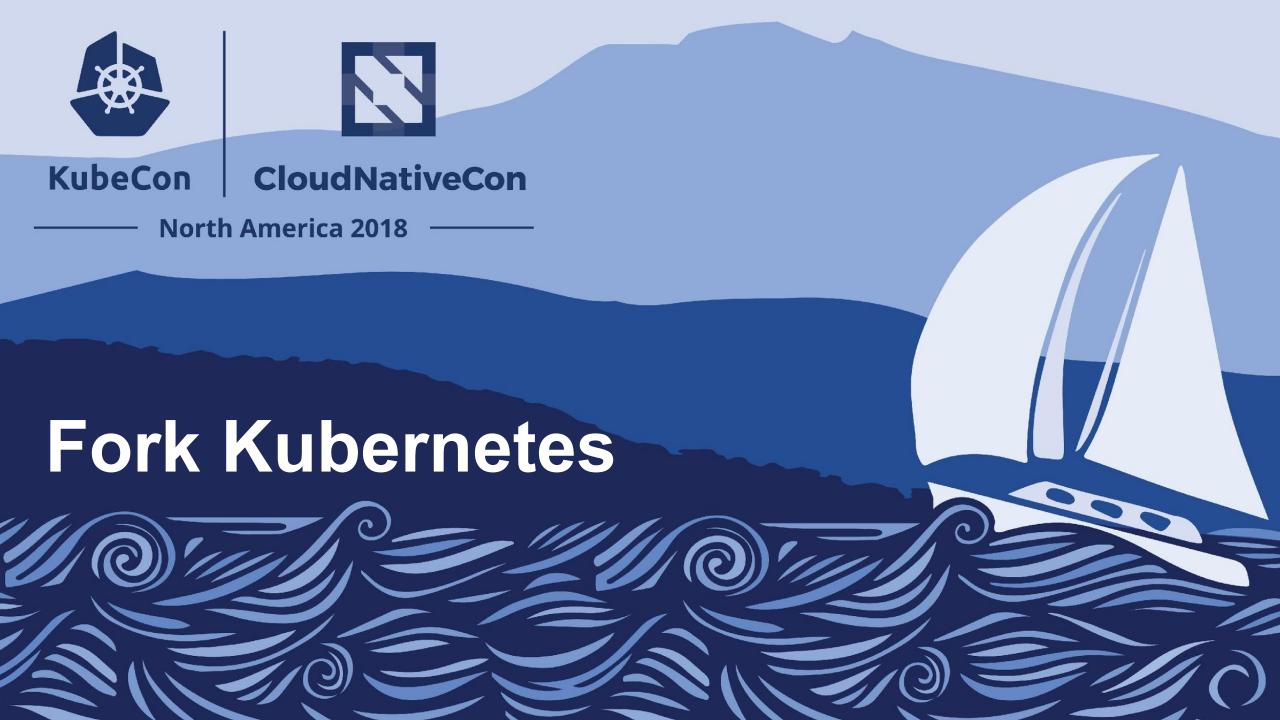
Tutorial: Building & Running Kubernetes from Source and Submitting Your First PR Ian Chakeres, Silvia Xu, Michael Taufen, and Federico Bongiovanni, Google

Full Instructions: buildingk8s.com





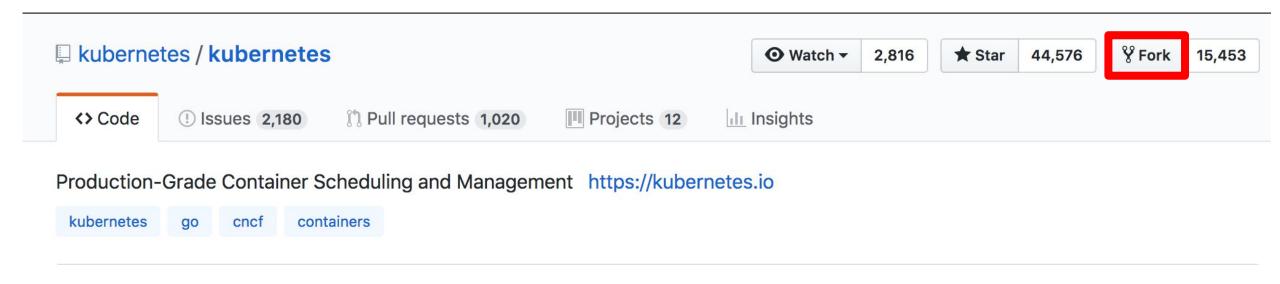




Click the "Fork" button



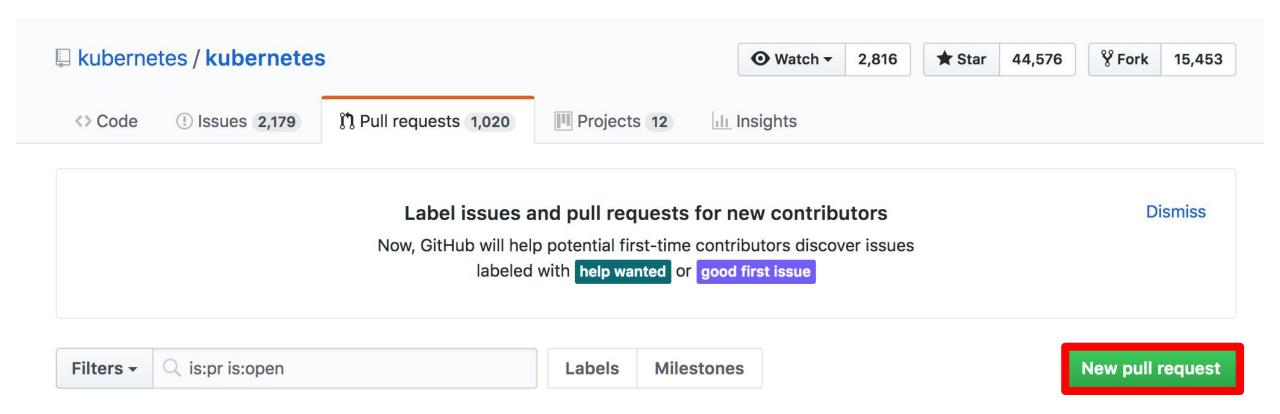
github.com/kubernetes/kubernetes





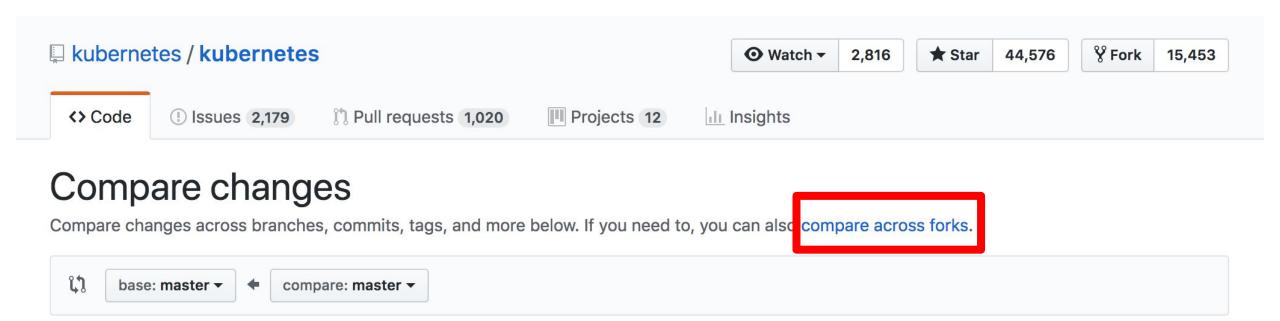
Click "New pull request"





Click "compare across forks"





Select your fork





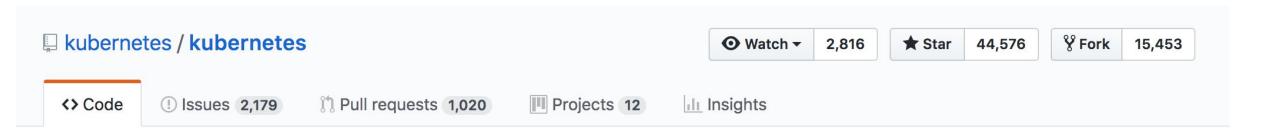
Compare changes

Compare changes across branches, commits, tags, and more below. If you need to, you can also compare across forks.

th base fork: kubernetes/kubernetes ▼ base: master ▼ •	head fork: kubernetes/kubernetes ▼	compare: master ▼		
	Choose a Head Repository	×		
Choose different branches or fork	Filter repos	•		
	✓ kubernetes/kubernetes			
	mtaufen/kubernetes			

Select your branch





Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks.

ኒን	base fork: kubernetes/kubernetes ▼ base: master ▼ head fork: mtaufen/kubernetes ▼	compare: cap-node-num-images ▼
		Choose a head branch X
	There isn't anything to compare.	super
	kubernetes:master is up to date with all commits from mtaufen:cap-node-num-images	
		₹ super

Click "Create pull request"

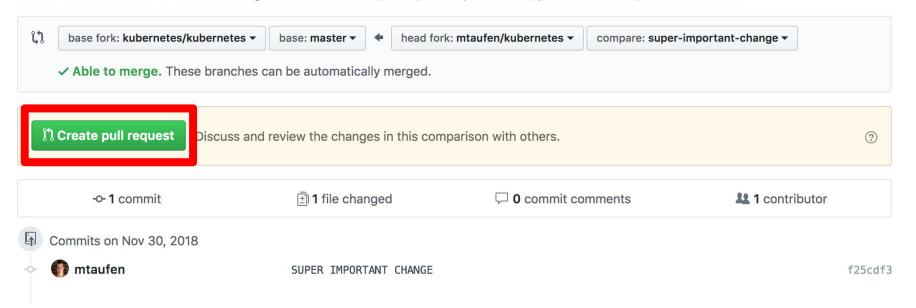


 ↓ kubernetes / kubernetes
 ♠ Star
 44,576
 ♥ Fork
 15,453

 ♦ Code
 ① Issues 2,179
 ♠ Pull requests 1,020
 ♠ Projects 12
 ♠ Insights

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks.









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-	n a pull reques	St g changes across two branches. If y	ou need to, you c	an also co	ompare ac	cross forks.			
ដ្	base fork: kubernetes/kubernetes ▼ base: master ▼ ♦ head fork: mtaufen/kubernetes ▼ compare: super-in				uper-import	ant-change •	•		
~	Able to merge. These branc	hes can be automatically merged.							
	SUPER IMPORTANT CHANGE						Reviewers No reviews		
	Write Preview	AA B i	((<> ©	≡ ≡ ′ ≡	@ 🐧	*			
	Thanks for sending a pull request! Here are some tips for you: 1. If this is your first time, read our contributor guidelines</th <th></th> <th colspan="3">Assignees No one—assign yourself</th>					Assignees No one—assign yourself			
	https://git.k8s.io/community/contributors/guide#your-first-contribution and developer guide https://git.k8s.io/community/contributors/devel/development.md#development-guide						Labels		
	2. Please label this pull request according to what type of issue you are addressing, especially if this is a release targeted pull request. For reference on required PR/issue labels, read here: https://git.k8s.io/community/contributors/devel/release.md#issue-kind-label						None yet Projects		
	3. Ensure you have added https://git.k8s.io/communi					None yet			
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	✓ Allow edits from maintainers. Learn more Create pull request				est	No milestone			
							Helpful resou	rces	
							Contributing Code of condu Support	ıct	
				nmit comr			11 con		

Become a Part of the Community



- Attend a SIG meeting, write unit & e2e tests, and become a part of the Kubernetes community.
- Official contributor documentation
 - https://github.com/kubernetes/community/tree/mast er/contributors/guide

