



# You can be a K8s Contributor too!

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Jeremy Morris, Software Engineer  
@ DigitalOcean



# Who am I?

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Software Engineer based out of Princeton, NJ. Currently working at DigitalOcean on DigitalOcean's Managed Kubernetes, member of the Kubernetes release team for 1.20, co-maintainer of [kubernetes-sigs/cluster-api-provider-digitalocean](https://github.com/kubernetes-sigs/cluster-api-provider-digitalocean) , [kubernetes/autoscaler/cluster-autoscaler/cloudprovider/digitalocean](https://github.com/kubernetes/autoscaler/cluster-autoscaler/cloudprovider/digitalocean) and contributor to [digitalocean-ccm](https://github.com/digitalocean/ccm).

# Why should you contribute?

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- The experience

Migrate lgtn\_after\_commit munger to prow lgtn plugin #6886

 Merged

k8s-ci-robot merged 1 commit into [kubernetes:master](#) from [MorrisLaw:lgtn](#)  on Feb 28, 2018

# Why should you contribute?

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- The experience
- Mutually beneficial

# Why should you contribute?

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- The experience
- Mutually beneficial
- Tons of work, not enough contributors
  - <https://github.com/kubernetes>
    - <https://github.com/kubernetes/test-infra>
    - <https://github.com/kubernetes/kubernetes>
    - <https://github.com/kubernetes/enhancements>
    - <https://github.com/kubernetes/website>
  - <https://github.com/kubernetes-sigs>
    - <https://github.com/kubernetes-sigs/cluster-api-provider-digitalocean>

# How do you contribute as a beginner?

- Find issues

<https://testgrid.k8s.io/>

11:25 PDT	06:10 PDT	00:59 PDT	19:49 PDT
9131535785713131527858618131520031790131512230523			
2de7342c6			

The screenshot shows the GitHub interface for the Kubernetes repository. The 'Issues' tab is selected, showing 2,062 open issues and 34,200 closed issues. A search filter 'is:issue is:open' is applied. A 'Filter by label' dialog box is open, with 'good' entered in the search field. The 'good first issue' label is highlighted, with a description: 'Denotes an issue ready for a new contr...'. Other visible labels include 'sig/network', 'triage/accepted', 'triage/unresolved', and 'kind/bug'.

# How do you contribute as a beginner?

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- Find issues
- Communicate

# How do you contribute as a beginner?

- Find issues
- Communicate
- Build relationships





# How do you become a member?

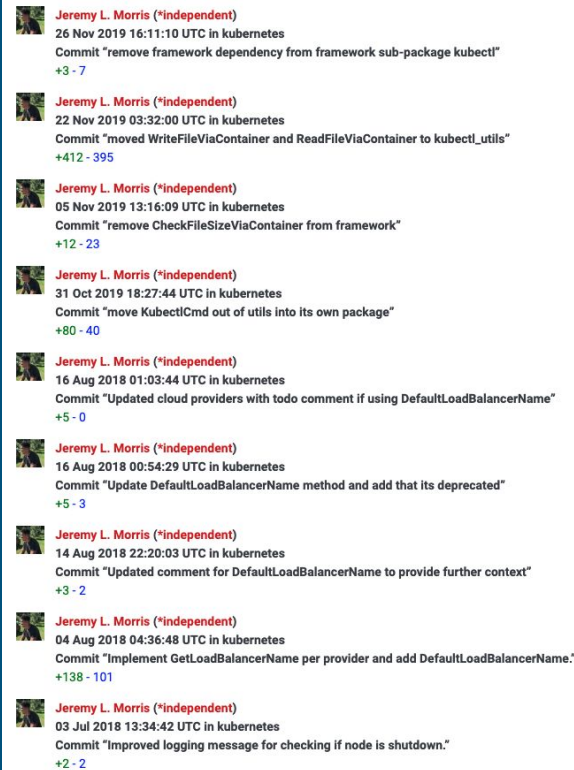
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- What's a K8s member?

Role	Responsibilities	Requirements	Defined by
member	active contributor in the community	sponsored by 2 reviewers. multiple contributions to the project.	Kubernetes GitHub org member.
reviewer	review contributions from other members	history of review and authorship in a subproject	<a href="#">OWNERS</a> file reviewer entry.
approver	approve accepting contributions	highly experienced and active reviewer + contributor to a subproject	<a href="#">OWNERS</a> file approver entry

# How do you become a member?

- What's a K8s member?
- Consistency




A screenshot of a GitHub commit history for Jeremy L. Morris in the kubernetes repository. The list shows 10 commits, each with a profile picture, name, date, time, and commit message. The commits are sorted by date, from newest to oldest.

- Jeremy L. Morris (\*independent)**  
26 Nov 2019 16:11:10 UTC in kubernetes  
Commit "remove framework dependency from framework sub-package kubectl"  
+3 - 7
- Jeremy L. Morris (\*independent)**  
22 Nov 2019 03:32:00 UTC in kubernetes  
Commit "moved WriteFileViaContainer and ReadFileViaContainer to kubectl\_utils"  
+412 - 395
- Jeremy L. Morris (\*independent)**  
05 Nov 2019 13:16:09 UTC in kubernetes  
Commit "remove CheckFileSizeViaContainer from framework"  
+12 - 23
- Jeremy L. Morris (\*independent)**  
31 Oct 2019 18:27:44 UTC in kubernetes  
Commit "move KubectlCmd out of utils into its own package"  
+80 - 40
- Jeremy L. Morris (\*independent)**  
16 Aug 2018 01:03:44 UTC in kubernetes  
Commit "Updated cloud providers with todo comment if using DefaultLoadBalancerName"  
+5 - 0
- Jeremy L. Morris (\*independent)**  
16 Aug 2018 00:54:29 UTC in kubernetes  
Commit "Update DefaultLoadBalancerName method and add that its deprecated"  
+5 - 3
- Jeremy L. Morris (\*independent)**  
14 Aug 2018 22:20:03 UTC in kubernetes  
Commit "Updated comment for DefaultLoadBalancerName to provide further context"  
+3 - 2
- Jeremy L. Morris (\*independent)**  
04 Aug 2018 04:36:48 UTC in kubernetes  
Commit "Implement GetLoadBalancerName per provider and add DefaultLoadBalancerName."  
+138 - 101
- Jeremy L. Morris (\*independent)**  
03 Jul 2018 13:34:42 UTC in kubernetes  
Commit "Improved logging message for checking if node is shutdown."  
+2 - 2


# How do you become a member?




- What's a K8s member?
- Consistency
- Membership application

 **REQUEST: New membership for MorrisLaw #1470**  
MorrisLaw opened this issue on Dec 7, 2019 · 3 comments


PR #60200 (k/ry): e2e: move Esg and e2e containers out of e2e test framework using...




- Issues responded to
  - [kubernetes/kubernetes#39090](#) (comment)
  - [kubernetes/kubernetes#84615](#) (comment)
  - [kubernetes/kubernetes#81804](#)
  - [kubernetes/kubernetes#50564](#) (comment)
  - [kubernetes/kubernetes#77095](#) (comment)
  - [kubernetes/kubernetes#85564](#) (comment)
- SIG projects I am involved with
  - sig/testing
  - sig/cloud-provider

 **MorrisLaw** added the [area/github-membership](#) label on Dec 7, 2019

 **andrewsykim** commented on Dec 7, 2019 Member  



+1 from me, thank you @MorrisLaw

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 **alejandrox1** commented on Dec 7, 2019 Member  

+111!!! Thank you for all your hard work @MorrisLaw

/assign @nzoueidi  
ptal 😊

 1  1

# What you may find difficult along the way...

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- Testing

- Running e2e tests with bazel:

- <https://stupefied-goodall-e282f7.netlify.com/contributors/devel/e2e-tests/#building-kubernetes-and-running-the-tests>

- Running e2e tests with ginkgo:

- <https://stupefied-goodall-e282f7.netlify.com/contributors/devel/e2e-tests/#advanced-testing>

# What you may find difficult along the way...

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- Testing
- Getting feedback

November 26th, 2019 ▾



**morrislaw** 12:31 PM

Hey @alejandrox1 @oomichi @timothysc, when you have time. I need a review for this again. I have a new framework package.

<https://github.com/kubernetes/kubernetes/pull/84613>

Thank you!

# What you may find difficult along the way...

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- Testing
- Getting feedback
- Finding work

# What you may find difficult along the way...

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- Testing
- Getting feedback
- Finding work
- WLB

# Takeaways

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- Anyone can contribute
- Inclusive community
- Career and Personal growth



# How to reach me

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Twitter: [@MorrisLaw93](https://twitter.com/MorrisLaw93)

LinkedIn: [www.linkedin.com/in/jeremylmorris](https://www.linkedin.com/in/jeremylmorris)

Personal: [www.jeremylmorris.com](https://www.jeremylmorris.com)

# Links

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## Projects:

- <https://github.com/kubernetes>
- <https://github.com/kubernetes/test-infra>
- <https://github.com/kubernetes/kubernetes>
- <https://github.com/kubernetes/enhancements>
- <https://github.com/kubernetes/website>
- <https://github.com/kubernetes-sigs>
- <https://github.com/kubernetes-sigs/cluster-api-provider-digitalocean>

Making a PR: <https://github.com/kubernetes/community/blob/master/contributors/guide/pull-requests.md>

## Diversity Scholarship:

<https://events.linuxfoundation.org/kubecon-cloudnativecon-north-america/attend/diversity-scholarships/>

# Links continued...

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## Testing:

- <https://stupefied-goodall-e282f7.netlify.com/contributors/devel/e2e-tests/#building-kubernetes-and-running-the-tests>
- <https://stupefied-goodall-e282f7.netlify.com/contributors/devel/e2e-tests/#advanced-testing>
- <https://testgrid.k8s.io/>