

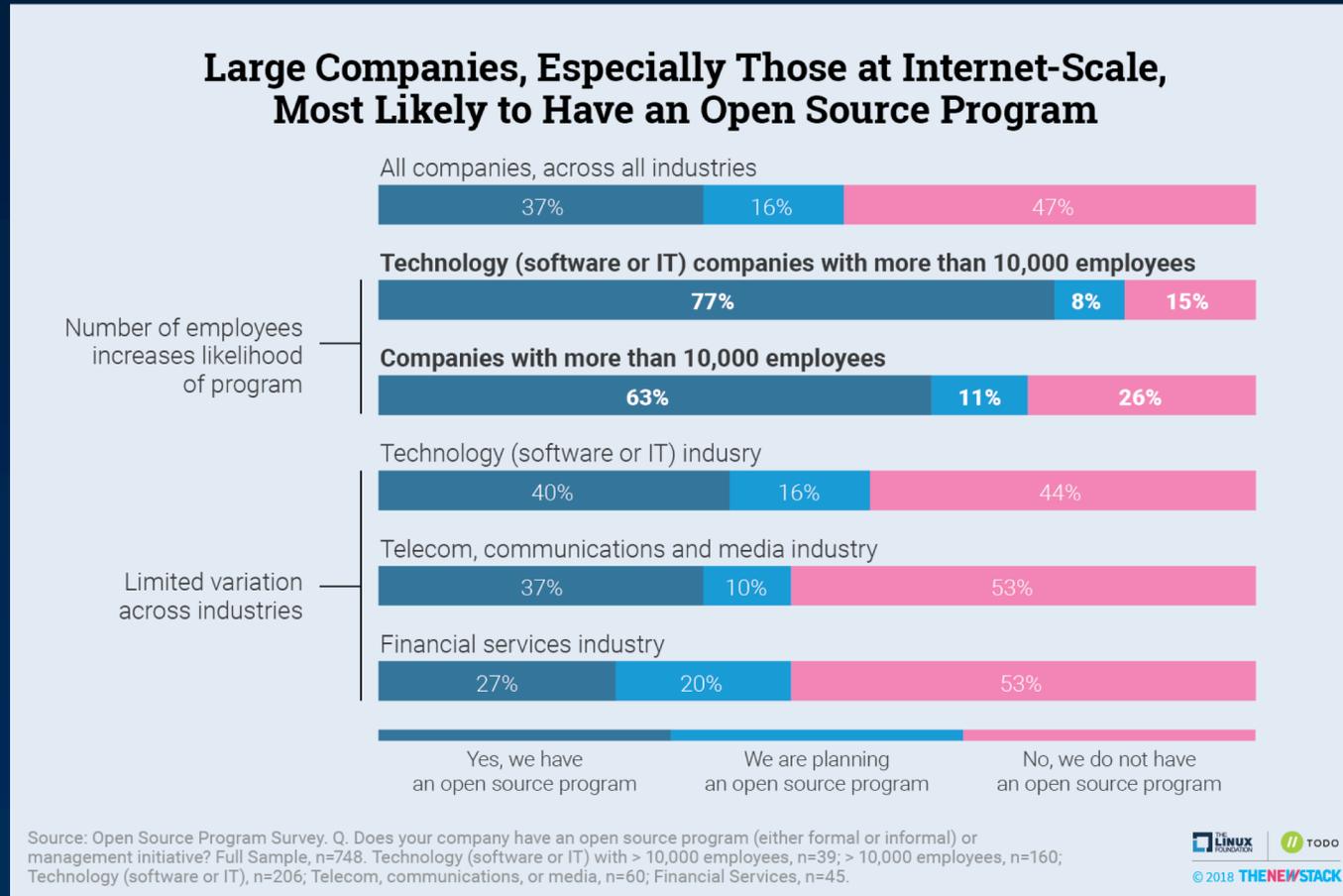
Your Team's Open Source Contributions, in One Dashboard

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Feb 1, 2019

vmware®

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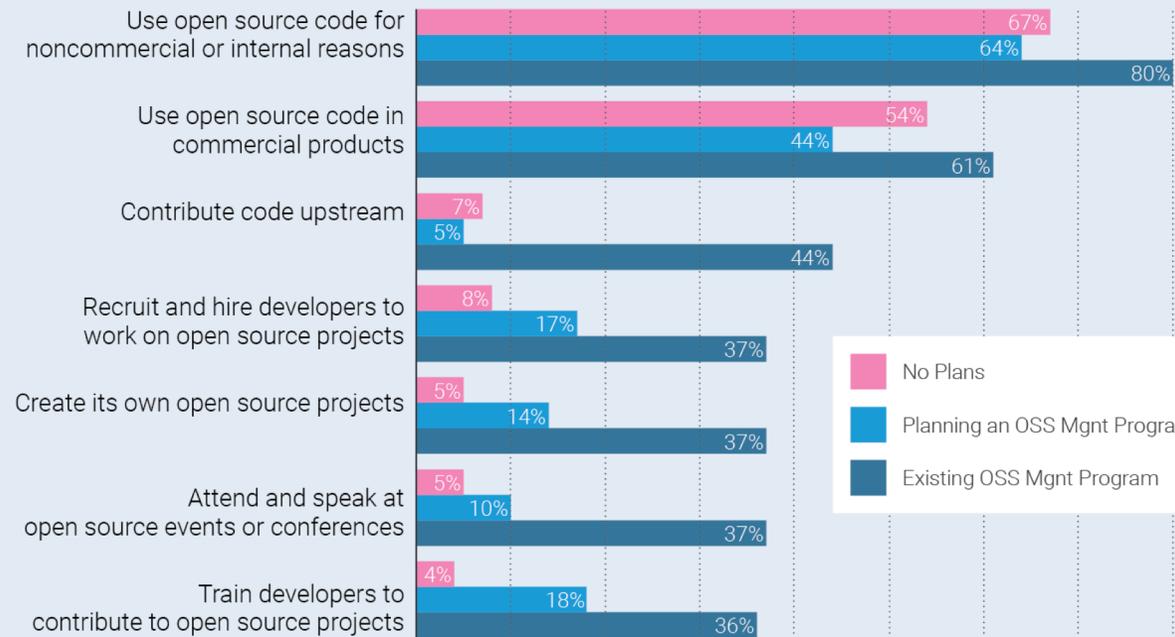
Open Source Program Office in the Industry



<https://thenewstack.io/survey-open-source-programs-are-a-best-practice-among-large-companies/>

Open Source Program Office in the Industry

Companies with OS Programs More Likely to Contribute Code, Recruit OS Developers and Create New Projects



Source: Open Source Program Survey. Q. How often does your company do the following activities?
Existing OSS Management Program, n=278; Planning an Open Source Program Management, n=119; No Plans, n=347.

 
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OSTC at VMware

- Establish VMware as an open source good citizen, contributing for the good of the projects and the industry
- Build VMware's presence and influence in relevant projects through meaningful contributions and participation
- Develop and promote VMware standards for best practices in open source development and engagement with external communities
- Mentor internal teams to increase VMware's open source competency and expertise

Contributions

- Orchestration and Containers (K8s, Tern, ...)
- Service Mgmt (Service Mesh)
- Linux, Tracing, Real Time
- Security
- IoT and Edge



EDGE X FOUNDRY™



Growing Team

From 2 to 24 Software Engineers in 2 Years!

Tracking Everyone's Work: Weekly Status Update

- Pull Request Reviewed
- Pull Requests (patches) Submitted
- Issues Opened
- Comments on Issues
- Community involvement
- Talk given/attended
- Any relevant activity

Weekly Update: Lubomir 11/09/2018

* Kubernetes (k8s):

Highlights:

- Sponsored the membership of a new kubeadm contributor from Brazil:
<https://github.com/kubernetes/org/issues/235>

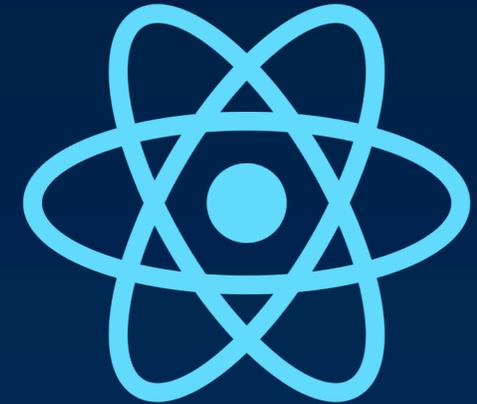
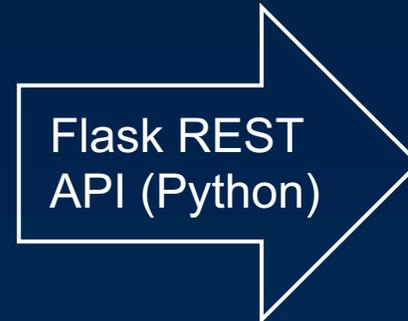
Detail:

- Reviewed PR that fixes panic in kubeadm certs renewal command:
<https://github.com/kubernetes/kubernetes/pull/70551>
- Reviewed PR that makes a kubeadm DNS related utility addition:
<https://github.com/kubernetes/kubernetes/pull/70555>
- Sent review for a PR that exposes a custom flag from kubeadm to the kubelet:
<https://github.com/kubernetes/kubernetes/pull/70603#pullrequestreview-171298140>
- Created proposal PR for the recent k8s yaml parsing library fork for improving error logging:
<https://github.com/kubernetes-sigs/yaml/pull/7>
- Created small PR for the recent k8s yaml parsing library fork for fixing a CI issue:
<https://github.com/kubernetes-sigs/yaml/pull/8>
- Became a member of kubernetes-sigs after being eligible for it being a member of the kubernetes org already.
- Reviewed PR that refactors the kubeadm mark-control-plane phase:
<https://github.com/kubernetes/kubernetes/pull/70625#pullrequestreview-171370311>
- Saw parts of the SIG Architecture 20181101 VOD
- Saw parts of the Steering Committee 20181024 VOD
- Reported IPV6 issue by k/k user and investigated a little:
<https://github.com/kubernetes/kubeadm/issues/1212>
- Reviewed PR that adds a new kubeadm phase upload-config:
<https://github.com/kubernetes/kubernetes/pull/70405#pullrequestreview-171629077>
- Reviewed PR that adds a mark-control-plane phase to kubeadm:
<https://github.com/kubernetes/kubernetes/pull/70625#pullrequestreview-171642663>
- Joined SIG Release team meeting on Monday.
- Sent small kubeadm bugfix PR for the new phases code:
<https://github.com/kubernetes/kubernetes/pull/70666>
- Discussed a jitter solution which was added to the cluster-api-vsphere provider code base:
<https://github.com/kubernetes-sigs/cluster-api-provider-vsphere>
- Had another view of this PR that creates a kubeadm command for self-hosting:
<https://github.com/kubernetes/kubernetes/pull/69878>
- Joined SIG Cluster Lifecycle meeting on Tuesday.
- Joined SIG Node meeting on Tuesday.
- Investigated a problem with k8s and godep where git's abbrev=12 is needed:
<https://github.com/kubernetes/kubernetes/issues/70686#issuecomment-436398997>
- Joined SIG Testing meeting on Tuesday.
- Joined kubeadm office hours on Wednesday.
- Joined Cluster API meeting on Wednesday.
- Reviewed PR that adds bootstrap-token phase to kubeadm:
<https://github.com/kubernetes/kubernetes/pull/70727#pullrequestreview-172587195>
- Sent PR that fixes a small issue with kubeadm and kubeconfig files:
<https://github.com/kubernetes/kubernetes/pull/70763>
- Created cherry-pick PR for the 1.12 branch that fixes a panic in kubeadm certificate code:
<https://github.com/kubernetes/kubernetes/pull/70768>
- Sent a bug fix PR that tries to fix a problem in kubeadm's certs renew code:
<https://github.com/kubernetes/kubernetes/pull/70772>
- Joined VMware K8s cross-BU meeting on Thursday.
- Joined K8s community meeting on Thursday.
- Joined SIG arch meeting (second half)
- Joined a late-night 2 hour kubeadm meeting with the SIG leads discussing remaining items for 1.13.
- Spend time investigating how JSON and YAML is decoded in k8s' apimachinery. Sent test PR that tries to solve
<https://github.com/kubernetes/kubernetes/pull/70839>
- Send a couple of small bugfix PRs for the k-sigs/kind project:
<https://github.com/kubernetes-sigs/kind/pull/97>
<https://github.com/kubernetes-sigs/kind/pull/98>
- Joined k8s release 1.13 burndown meeting on Friday.
- Helped a contributor by rebasing and resending his PR after he was having git issues:
<https://github.com/kubernetes/kubernetes/pull/70885>
- Reviewed a PR that removes a kubeadm feature gate:
<https://github.com/kubernetes/kubernetes/pull/70849>

* Other:

- Completed FY20 R&D Training Needs Analysis Survey.
- Had to do some construction work on Monday morning + early afternoon. Spent some hours here and there during
- Completed a Voice of VMware survey on Tuesday.
- Saw the "Technology Superpowers" presentation at VMWorld (VOD).

Architecture



Perceval + Git

Contributions

Start date:

Jan 17, 2019



End date:

Jan 31, 2019



Totals

- 67 commits authored
- 119 commits committed (merged)
- 84 pull requests merged
- 398 comments on 230 pull requests
- 60 issues opened
- 296 comments on 193

openfaas/templates

Pull Requests Comments: 2

- Alex Ellis submitted 2 comments on 1 pull requests

Issues Opened: 1

- Bart Smykla submitted [Create official Rust template](#) on Jan 31 2019

Issue Comments: 2

- Bart Smykla submitted 1 comments on 1 issues
- Alex Ellis submitted 2 comments on 1 issues

kubernetes/kubeadm

Issues Opened: 6

- Lubomir I. Ivanov submitted [cleanup: master -> control-plane](#) on Jan 31 2019
- Lubomir I. Ivanov submitted [Decide on how to handle the extra arg we use in `kubeadm join`](#) on Jan 30 2019
- Lubomir I. Ivanov submitted [Update CRI docs for Docker 18.09](#) on Jan 30 2019
- Lubomir I. Ivanov submitted [Remove rktlet from the CRI install docs](#) on Jan 28 2019
- Lubomir I. Ivanov submitted [update the document about CLI reference docs](#) on Jan 26 2019
- Rostislav M. Georgiev submitted [Deprecate and remove --cri-socket flag from kubeadm upgrade apply](#) on Jan 21 2019

Issue Comments: 2

Charts

Commits Authored



Commits Committed



Pull Request Merged



Issues Opened



Future Work

- Team View
- Using Sorting Hat for Identities
- Graphs
 - Person
 - Team
 - Project
 - Any entity
- Open source / Upstream parts of the implementation
 - GraphQL API github to perceval?

Demo