

Welcome to OpenShift Commons!

Collaboration in Action

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[@openshiftcommon](https://twitter.com/openshiftcommon)

December 10th, 2018 - OpenShift Commons Gathering - Seattle



OPEN SOURCE IS THE SOURCE OF TECHNOLOGICAL INNOVATION

1M+ projects

KVM
Linux® kernel
Fedora
OpenStack®
GNOME

Hyperledger
OpenJDK
Apache Project
Kubernetes
node.js
TensorFlow
OpenShift Origin

96M* REPOSITORIES
31M* DEVELOPERS
2.1M* BUSINESSES

*GitHub Oct 2018

OPEN SOURCE
OPEN COMMUNITIES
OPEN COLLABORATION

making connections that drive continuous innovation



But first, a quick update





The Origin Community Distribution of Kubernetes
that powers **Red Hat OpenShift**.

Built around a core of OCI container packaging and Kubernetes container cluster management, OKD is also augmented by application lifecycle management functionality and DevOps tooling. OKD provides a complete open source container application platform.

[DOWNLOADS](#)[USERS](#)[WHAT IS OKD?](#)[CONTRIBUTE](#)[OPENSHIFT COMMONS](#)[DOCUMENTATION](#)[★ Star](#)

Try Out The Latest **OKD** Release

\$ **oc cluster up**

[GET STARTED](#)[DOWNLOAD OC](#)

Secure | <https://github.com/openshift/origin>

Logo Maker | Use... RHT Blog Tracker... [EARLY DRAFT] Re... GitHub Octoverse... Developer Experience... OpenShift Partner... Logo Maker | Use...

OKD: The Origin Community Distribution of Kubernetes

go report A+ godoc reference build passing Jenkins irc freenode: #openshift-dev license Apache-2.0

OKD is the Origin community distribution of [Kubernetes](#) optimized for continuous application development and multi-tenant deployment. OKD adds developer and operations-centric tools on top of Kubernetes to enable rapid application development, easy deployment and scaling, and long-term lifecycle maintenance for small and large teams. *OKD* is also referred to as *Origin* in github and in the documentation.

```
-- Installing router ... OK
-- Importing image streams ... OK
-- Importing templates ... OK
-- Login to server ... OK
-- Creating initial project "myproject" ... OK
-- Server Information ...
  OpenShift server started.
  The server is accessible via web console at:
  https://10.1.2.2:8443

  You are logged in as:
    User: developer
    Password: developer

  To login as administrator:
    oc login -u system:admin

  oc new-project example
  Now using project "example" on server "https://10.1.2.2:8443".

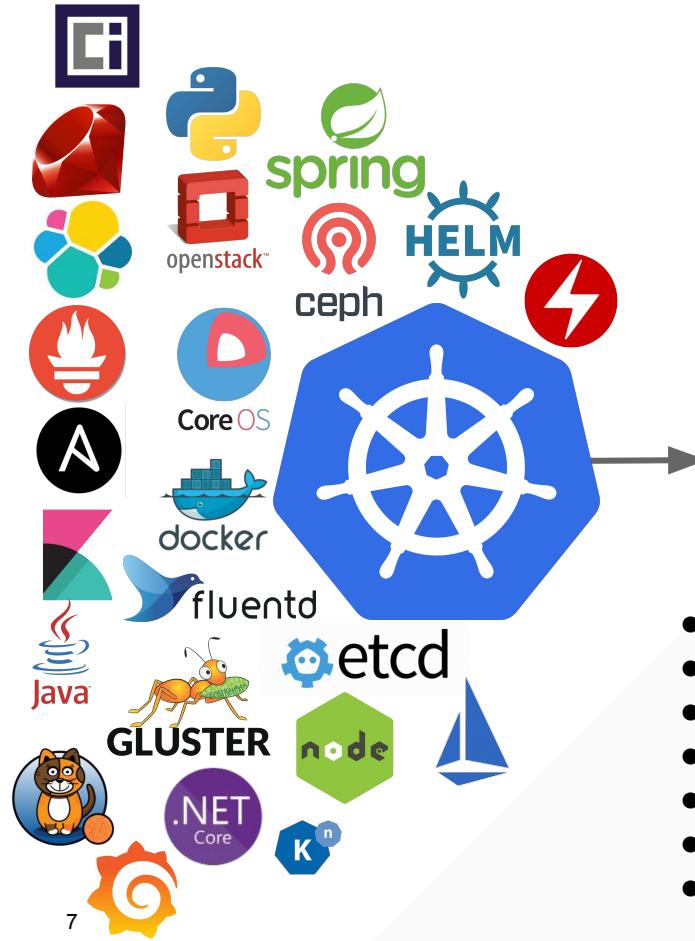
  You can add applications to this project with the 'new-app' command. For example, try:
    oc new-app centos/ruby-22-centos7~https://github.com/openshift/ruby-ex.git

  to build a new example application in Ruby.
  oc new-app -L | g
```



<https://github.com/openshift/origin>

How Do We Deliver OpenShift?

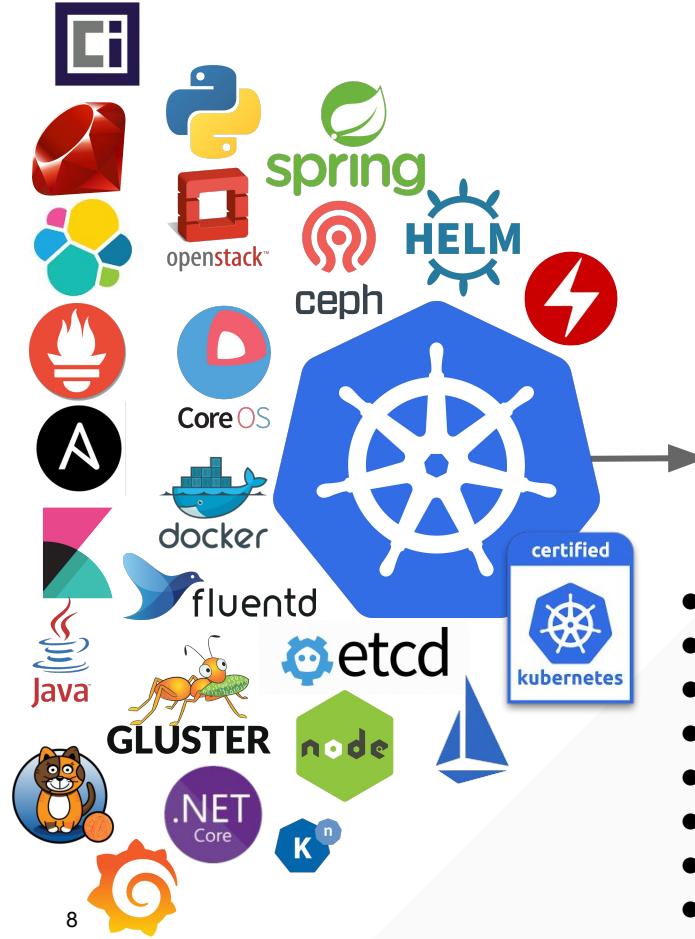


okd

- Community Kubernetes Distribution
- 100+ Integrations
- 40+ Community Operators
- Align time with OSS trunk
- Integrate OSS projects
- Partner integration platform
- No-cost validations for innovation

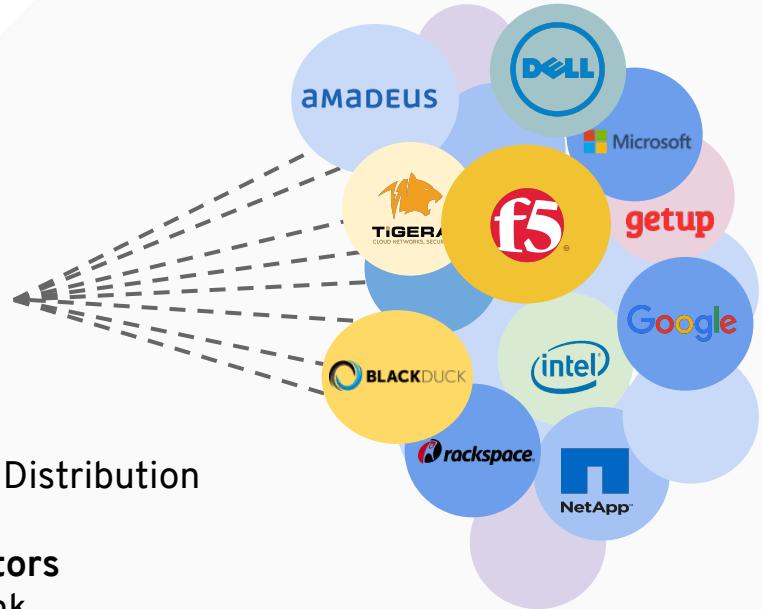


Who is OpenShift?



okd

- Community Kubernetes Distribution
- 100+ Integrations
- **40+ Community Operators**
- Align time with OSS trunk
- Integrate OSS projects
- Partner integration platform
- No-cost validations for innovation
- **OpenShift Commons**



Commons Participants



[View the Full Participant List \(448 members\)](#)

+ **4 more this past week!**

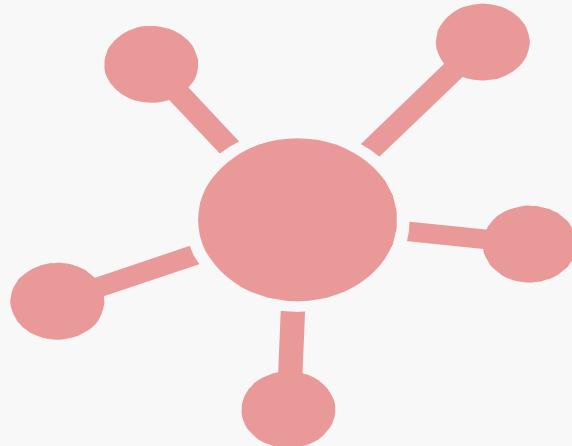
450+!

Who: Customers, Contributors, Collaborators and Integrators



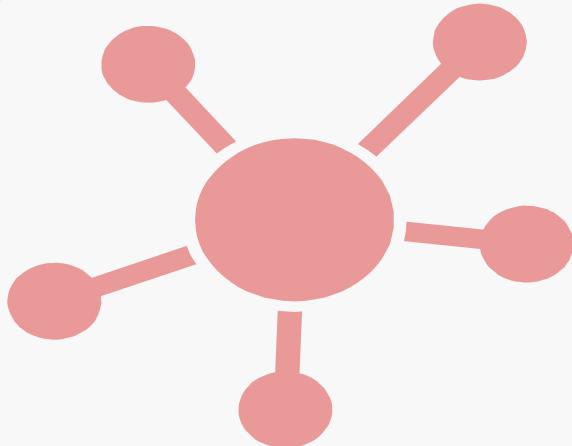
So What is OpenShift Commons?

New Community Model + Communications Channel



Commons as a Community Collaboration Model

New Community Model



Promote Peer-to-Peer Interactions



The video player displays a presentation slide with the following text:

Building Data Streaming Platforms
Using OpenShift and Kafka

Openshift @ Amadeus

Pierre Dor *Senior Architect*
Nenad Bogojević *Senior Expert*
Olivier Richard *Senior Manager*

At the bottom, there is a control bar with the Red Hat OpenShift logo, playback controls (rewind, forward, volume), and a timestamp of 0:00 / 19:40.

OpenShift Commons Gathering at Red Hat Summit 2018 Amadeus Kafka on OpenShift Case Study

What: Community-driven content generation ++

OpenShift Commons Gathering at Red Hat Summit

OpenShift - 1 / 28



OpenShift Commons Gathering at
Red Hat Summit 2018 Amadeus
OpenShift
19:41



OpenShift Commons Gathering Red
Hat Summit 2018 Community
OpenShift
11:00



OpenShift Commons Gathering at
Red Hat Summit 2018 UPS Case
OpenShift
20:54



OpenShift Commons Gathering at
Red Hat Summit 2018 Quay at Cisco
OpenShift
21:24



OpenShift Commons Gathering at
Red Hat Summit 2018 Syngenta
OpenShift
17:53



OpenShift Commons Gathering at
Red Hat Summit 2018 BMO Case
OpenShift
19:22

Red Hat Enterprise Linux

OpenShiftCo... 

Diane Mueller 

 Jump to...

All Unreads

 All Threads

Channels 

- # austinkubeon
- # bigdata_sig
- # david-cain
- # dotnet_sig
- # edu_sig
- # event**
- # event-logistics-team
- # general**
- # gov_sig
- # imagebuilder_sig
- # london-meetup
- # londongathering2018
- # machinelearning_sig
- # mobile_sig
- # networking_sig
- # openshift-copenhagen
- # openstack_sig
- # operations_sig**
- # random
- # security_sig
- # storage_sig

#general

☆ | 8 950 | 4 | 5/31 9am Pacific > OpenShift Commons Briefing: OpenShift Service Mesh on M Monday, May 28th

Yesterday

 **Randy Morgan** 7:39 AM
When I ran the upgrade from 3.7 to 3.9 the only way I could get the upgrade to run successfully was to set would really like to enable the service catalog, but I don't know if there is a way to do this without re-running enable the service catalog?

 **Paul Burstein** 8:18 AM
joined #general.

 **Steven Barre** 9:25 AM
[@Randy](#) </usr/share/ansible/openshift-ansible/playbooks/openshift-service-catalog>
https://docs.openshift.com/container-platform/3.9/upgrading/manual_upgrades.html#manual-upgrading-s

 **Ganesh Mangal** 9:26 AM
joined #general along with shinji morimoto.

 **Randy Morgan** 10:23 AM
Thanks Steven

 **Richard Nunez** 11:30 AM
joined #general along with Danny Hemminga.

 **Alex Knol** 11:34 AM
Question: are the Imagestreams deprecated in favour of the service catalog?

 **Marc Boorshtein** 12:23 PM
[@E_Lexy](#) different functions. Imagestream tracks ages, catalog is for templates/service broker templates

 **Gary Harris** 12:50 PM
joined #general along with 10 others.

 **Larry Brigman** 10:57 PM
[@dmueller](#) is the next gathering at KubeCon NA? If that is the plan, it looks like someone needs to send in

 Message #general

Upcoming Events

| < 2017 | | < APR | | MAY 2018 | | JUN > | | 2019 > | | Month ▾ | |
|--|---|--|-----|--|-----|-------|--|--------|--|---------|--|
| Mon | Tue | Wed | Thu | Fri | Sat | Sun | | | | | |
| | 1 OpenShift Commons Hands-On Workshop – Copenhagen | 2 | 3 | 4 | 5 | | | | | | |
| 6 OpenShift Commons Gathering – San Francisco | 7 OpenShift @ Red Hat Summit | 8 | 9 | 10 | 11 | 12 | | | | | |
| 13 | 14 | 15 Project Atomic Upstream, Upstream, Downstream and CoreOS Acquisition with Jeff Ligon and Sanja Bonic (Red Hat) 9:00 am | 16 | 17 OpenShift v3.0 OpenStack with Ramon Acedo Rodriguez (Red Hat) 9:00 am | 18 | 19 | 20 OpenShift Commons Hands-On Workshop – OpenStack Summit Vancouver | | | | |
| 21 OpenShift @ OpenStack Summit | 22 | 23 Operator Framework Deep Dive with Rob Szumski (Red Hat) 9:00 am | 24 | 25 Load Balancing Applications with the OpenShift NGINX Router – Michael Pleshakov and Damian Curry (Nginx) 9:00 am | 26 | | | | | | |
| 27 | 28 | 29 | 30 | 31 OpenShift Service Mesh on Multi-Cloud Environments with Paul Pindell (F5 Networks) & Dave Cain (Red Hat) 9:00 am | | | | | | | |

How: Gatherings, Briefings, SIGs, Slack and story-telling



COMMONS PARTICIPATION DRIVING CONTRIBUTION

The image is a composite of two parts. On the left, there is a screenshot of a Firefox browser window titled "Kubernetes Bitergia Analytics". The URL in the address bar is https://demokubernetes.biterg.io/app/kibana/#/_search. The page displays a search interface with a dropdown menu for "git.openshift.kubernetes" and a "Metrics" section containing "Node Size", "Aggregation", and "Unique Count" options. A "Field" dropdown is set to "project". On the right, a person's hands are visible holding a white rectangular card with the words "SIDE EFFECTS" printed in large, bold, red capital letters.



External Top Contributing Organizations

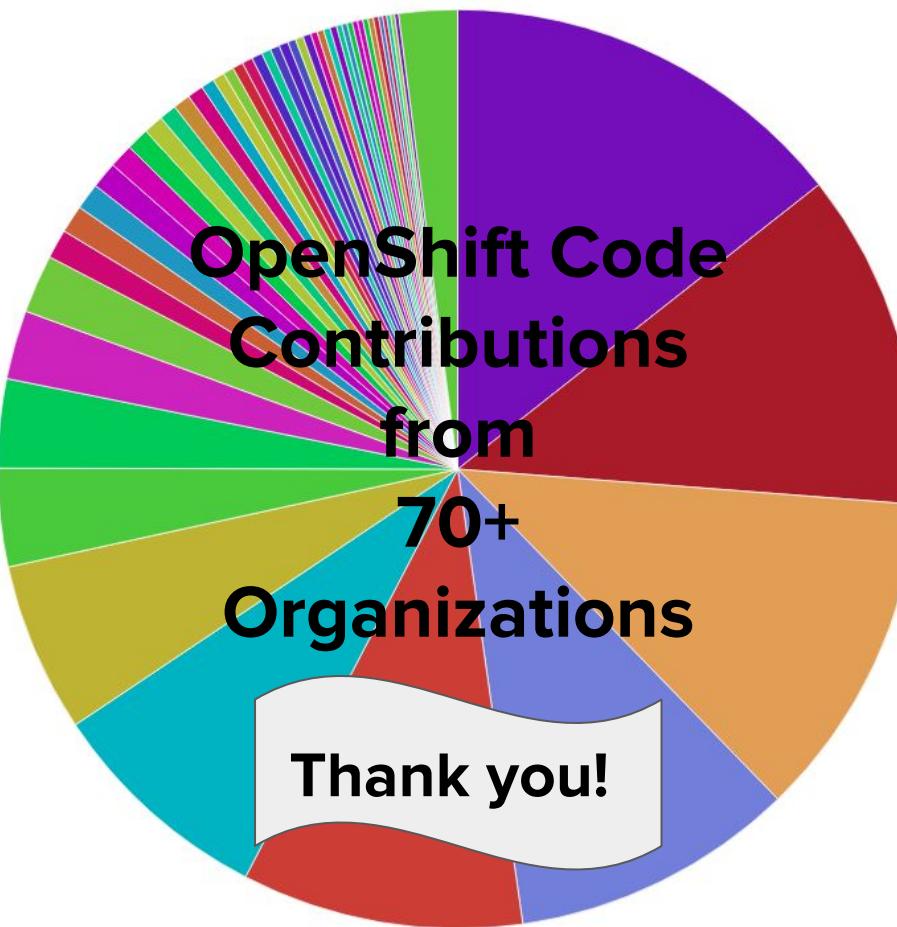
- OpenShift
- Overview
- Git
- Github PRs
- Github Issues
- Bugzilla
- Mailing Lists
- IRC
- StackOverflow
- Data Status
- About

Powered by
Grimoire Lab

Provided by
Bitergia

Authors_100_domains

git_organizations_authors_table



**THE FUTURE IS ALL
ABOUT
CROSS-COMMUNITY
COLLABORATION**

Release
Stein

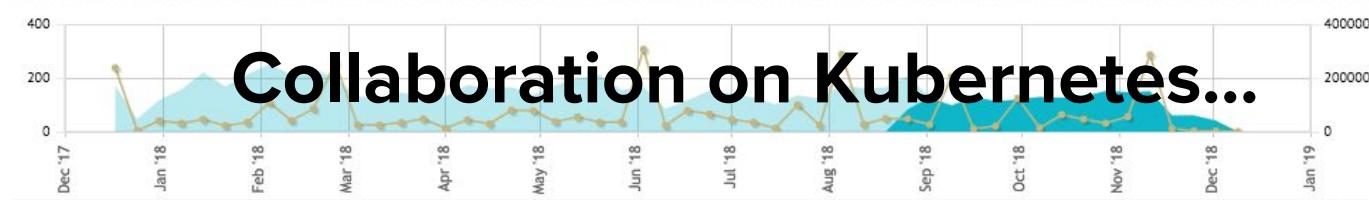
Project Type
Kubernetes

Module
kubernetes

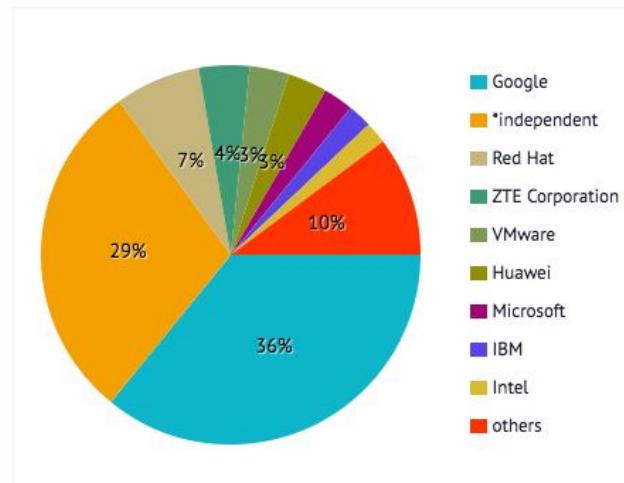
Company
Any company

Contributor
Any contributor

Metric
Commits



Contribution by companies



Show 10 entries

Search:

Kubernetes

Repo: <git://github.com/kubernetes/kubernetes.git>

Activity Log

 **Satyadeep Musuvathy (Google)**
 07 Dec 2018 23:30:47 UTC in **kubernetes**
 Commit "Include BGPConfiguration"
 Needed for calico 2.x to 3.x upgrade.
 +15 - 0

 **Antoine Pelisse (*independent)**
 07 Dec 2018 17:46:09 UTC in **kubernetes**
 Commit "apply: fix detection of non-dry-run enabled servers"
 Apply only checks that the server supports dry-run in the create path, not the update path, which is pretty bad.
 +7 - 6

 **Maciej Szulik (Red Hat)**
 07 Dec 2018 13:33:04 UTC in **kubernetes**
 Commit "Add failed and successful history limits to cronjob describe"

KUBERNETES SIGs & WGs- ENGINEERING LEADERSHIP

RED HAT LEAD or CO-LEAD

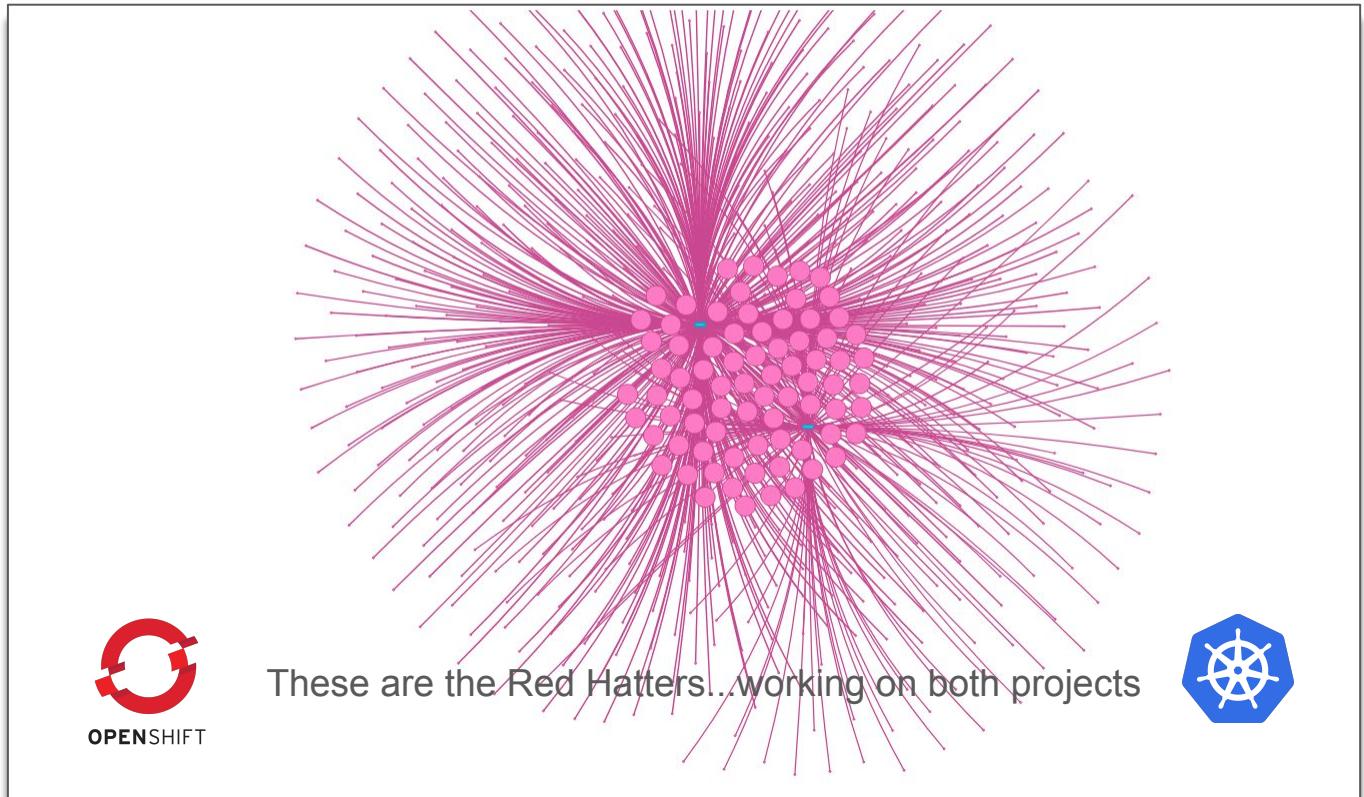
17 of 40
GROUPS

| | | | | | |
|--------------------|--------------------|---------------------|-------------------|-------------|------------------------|
| API MACHINERY | AWS | APPS | ARCHITECTURE | AUTH | AUTO SCALING |
| AZURE | BIG DATA | CLI | CLUSTER LIFECYCLE | CLUSTER OPS | CONTRIBUTOR EXPERIENCE |
| DOCS | INSTRUMENTATION | MULTI CLUSTER | NETWORK | NODE | ON-PREM |
| OPENSTACK | PRODUCT MANAGEMENT | RELEASE | SCALABILITY | SCHEDULING | SERVICE CATALOG |
| STORAGE | TESTING | UI | WINDOWS | APP DEF | CLUSTER API |
| CONTAINER IDENTITY | KUBEADM ADOPTION | RESOURCE MANAGEMENT | IOT EDGE | POLICY | |

OpenShift & Kubernetes Cross Community Collaboration & Contribution Analysis

Using Bitergia Analytics

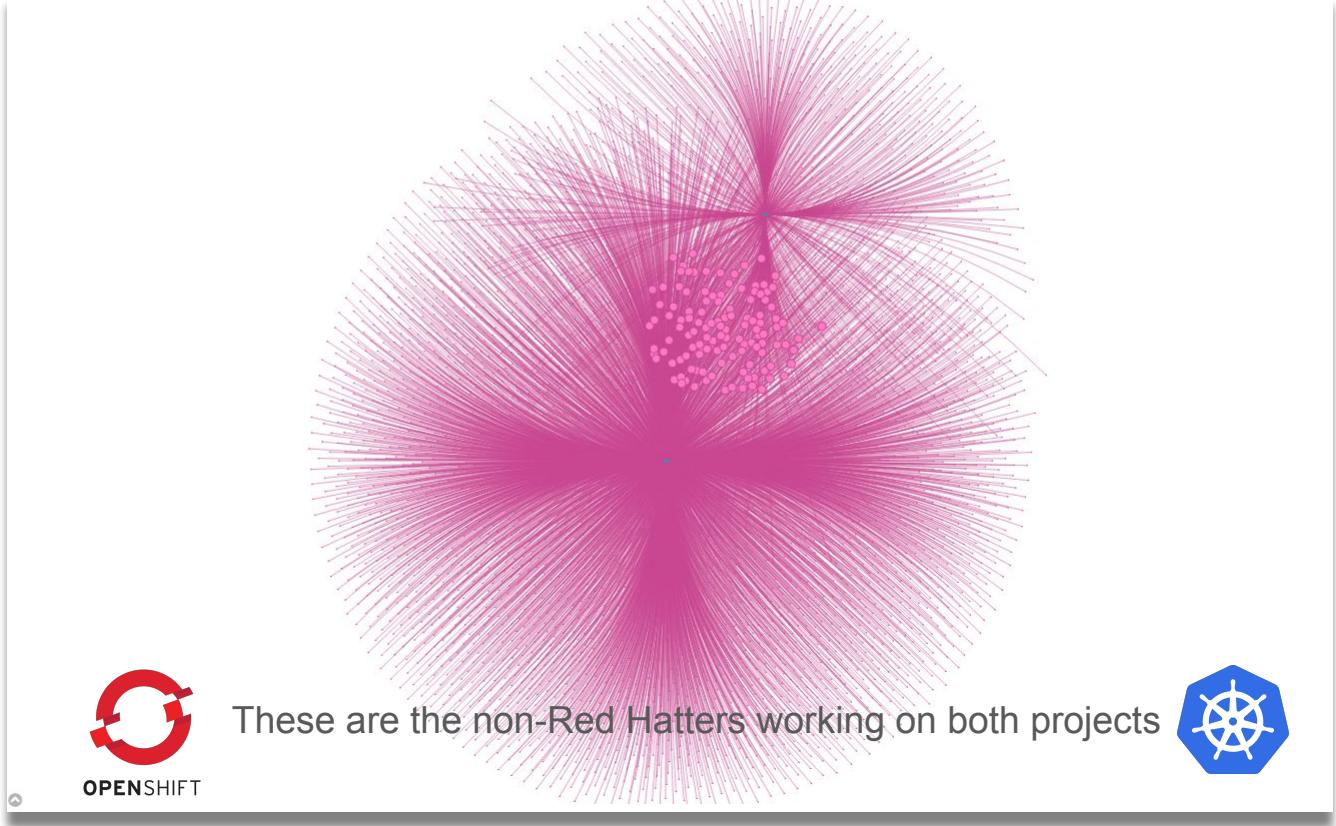
A screenshot of the Bitergia Analytics web interface. The left sidebar has sections for Activities, Firefox Web Browser, and Bitergia Analytics. Under Bitergia Analytics, there are links for Discover, Visualize, Dashboard, Timeline, Dev Tools, and Management. The main area shows a search bar with the query "git_openshift,kubernetes". Below the search bar are sections for Metrics (Node Size, Unique Count), Aggregation (Unique Count), Field (project), and Custom Label. At the bottom are buttons for Add metrics and Advanced.



OpenShift & Kubernetes Cross Community Collaboration & Contribution Analysis

Using Bitergia Analytics

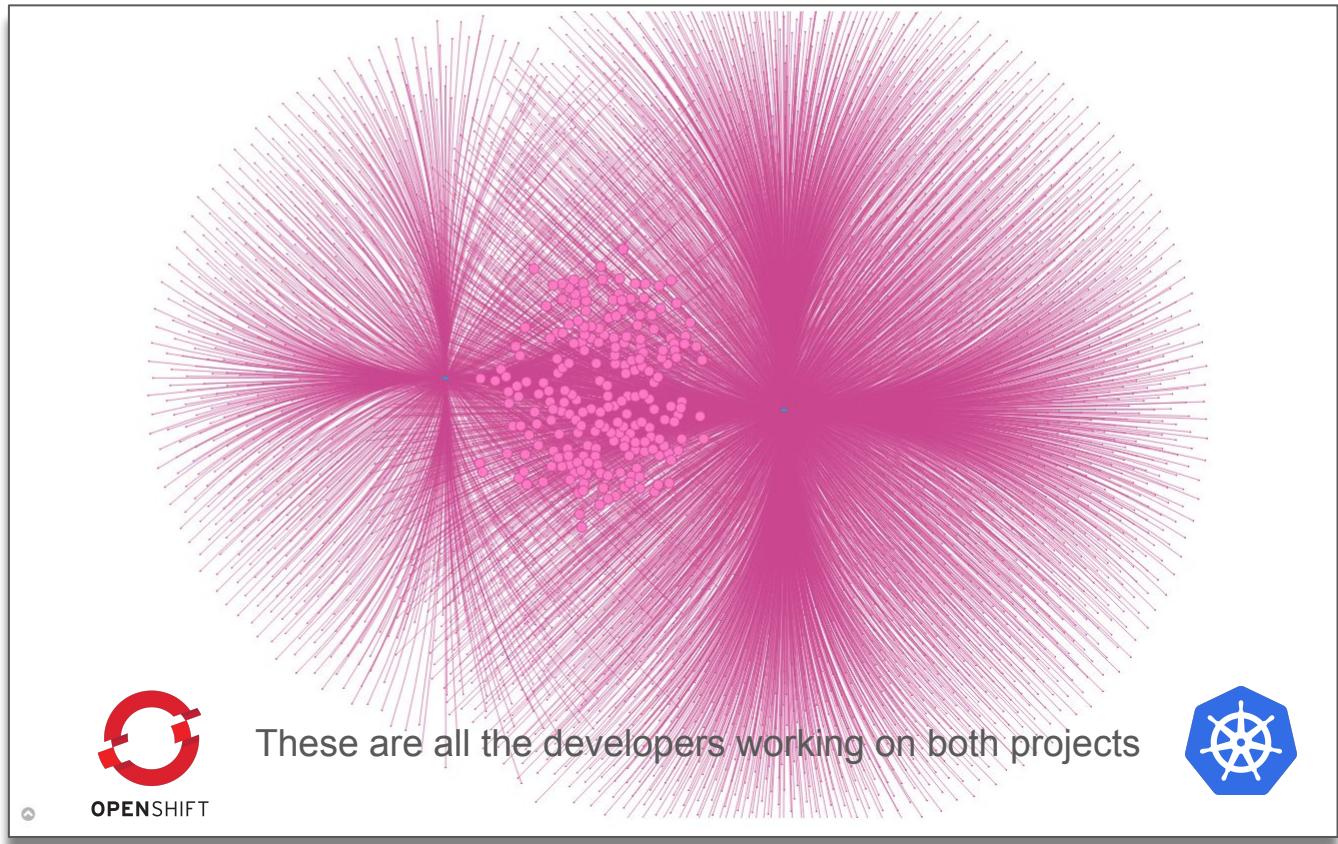
A screenshot of the Bitergia Analytics web interface. The left sidebar shows navigation options: Activities, Firefox Web Browser, Bitergia analytics, Kubernetes, Discover, Visualize, Dashboard, Timeline, Dev Tools, and Management. The main area displays a search bar with the query "git_openshift, kubernetes". Below the search bar are sections for Metrics (Node Size, Unique Count), Aggregation (Unique Count), Field (project), and Custom Label. A "Data" tab is selected. At the bottom right of the main area is a "Add metrics" button.



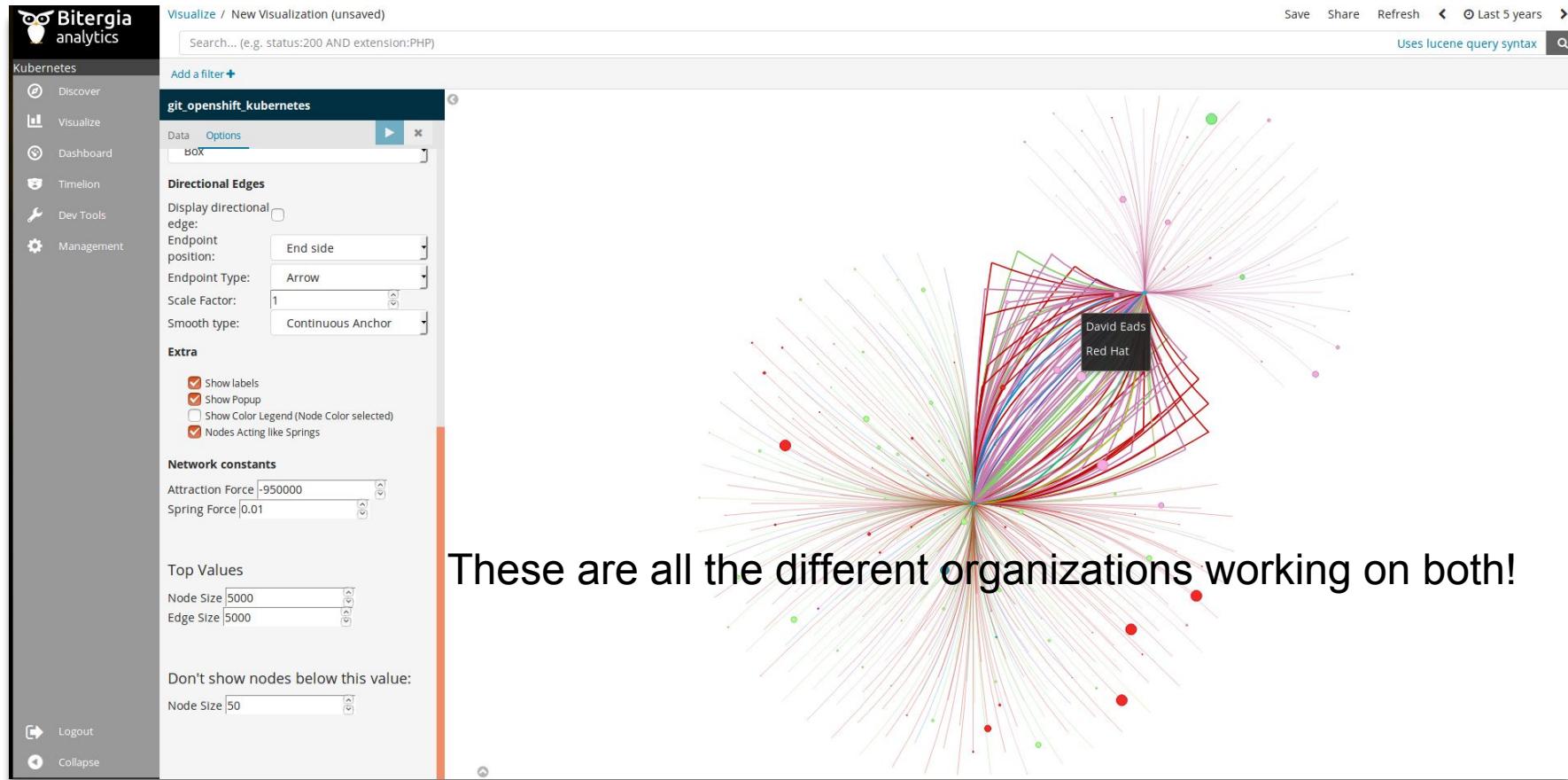
OpenShift & Kubernetes Cross Community Collaboration & Contribution Analysis

Using Bitergia Analytics

A screenshot of the Bitergia Analytics web application. The interface includes a top navigation bar with tabs for Activities, Firefox Web Browser, and a search bar. Below this is a header with the Bitergia logo and a title 'Kubernetes Bitergia Analytics'. The main area features a search bar with the query 'git_openshift, kubernetes' and a 'Visualize' button. On the left, there's a sidebar with navigation links for Discover, Visualize, Dashboard, Timeline, Dev Tools, and Management. A central panel displays a visualization of developer collaboration.



OpenShift & Kubernetes Cross Community Collaboration & Contribution Analysis



The Future is all about Collaboration - Across Streams

| | | | | | | |
|--|---|---|---|---|---|---|
|  OpenTracing Distributed Tracing API  |  Fluentd Logging  |  gRPC Remote Procedure Call  |  containererd Container Runtime  |  rkt Container Runtime  |  CNI Networking API  |  OPERATOR FRAMEWORK Operator Framework Red Hat ★1.013 MCap: \$31.4B |
|  Jaeger Distributed Tracing  |  Notary Security  |  TUF Software Update Spec  |  Vitess Storage  |  CoreDNS Service Discovery  |  NATS Messaging  |  Kubernetes Orchestration  |
|  Linkerd Service Mesh  |  Helm Package Management  |  Rook Storage  |  Harbor Registry  |  Prometheus Monitoring  |  Envoy Service Proxy  |  redhat. |

The Future is all about Collaboration - With Peers





OpenShift Commons

Commons builds connections and collaboration across OpenShift communities, projects and stakeholders. In doing so we'll enable the success of customers, users, partners, and contributors as we deepen our knowledge and experiences together.

Our goals go beyond code contributions. Commons is a place for companies using OpenShift to accelerate its success and adoption. To do this we'll act as resources for each other, share best practices and provide a forum for peer-to-peer communication.

Join Now

* First name

* Last name

* Work email

* Company

SUBMIT

[Privacy Statement](#)

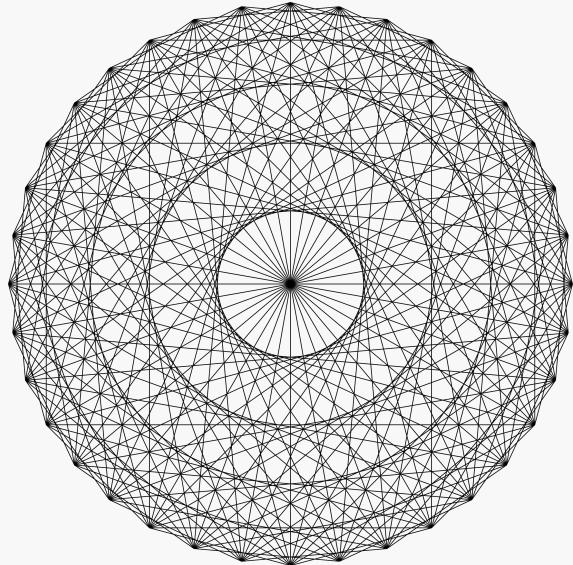


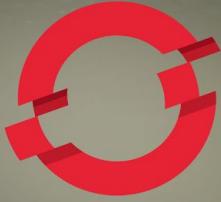
Thank you to our Sponsors!



A Word About Evening's Beer & Networking Event

Starts at 6:00 pm





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OPENSHIFT**

THANK YOU



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twitter.com/RedHat



youtube.com/user/RedHatVideos

@OpenShiftCommon [Https://Commons.OpenShift.Org](https://Commons.OpenShift.Org)



Upcoming OpenShift Commons Gatherings

- Jan 30 - London @ Savoy Place
- May 6 - Boston @Red Hat Summit
- May 20 - Barcelona @ Kubecon/EU
- May 28 - Milan, Italy



See: commons.openshift.org/events.html

