

Welcome

OpenShift Commons

Gathering

September 18th, 2019 - Milan, Italy



WIFI

Michelangelo

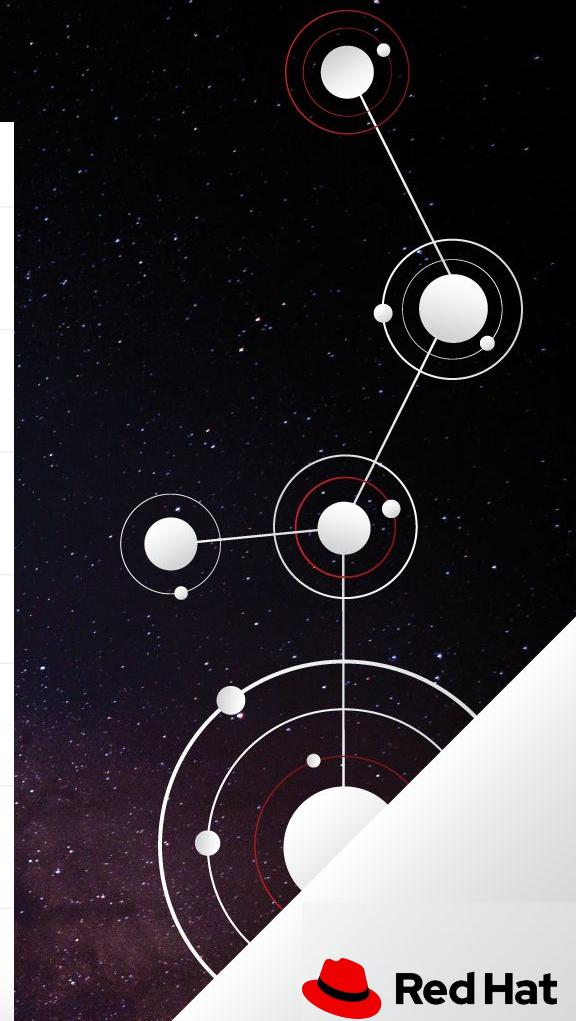
Password 026755999

September 18th, 2019 - Milan, Italy



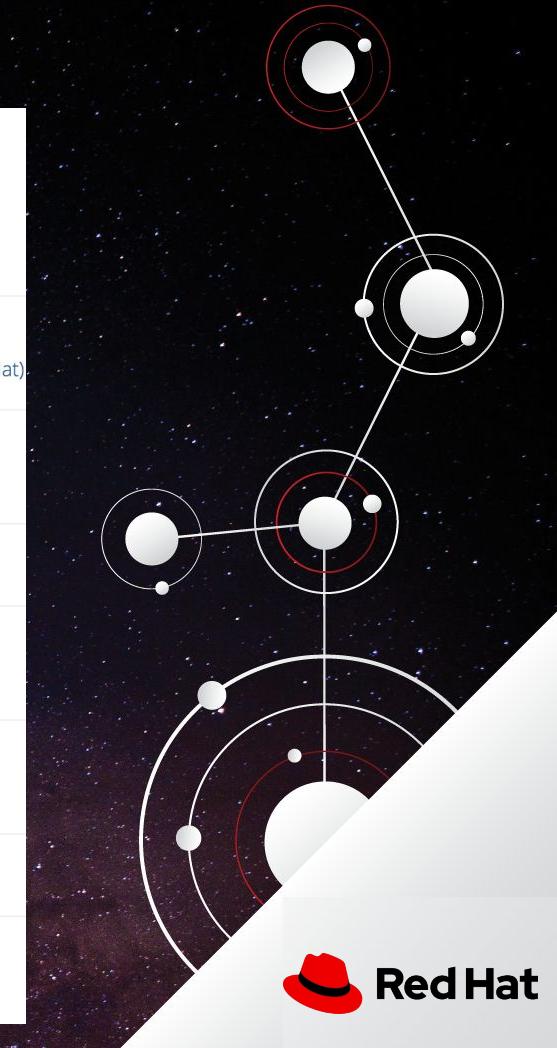
Morning's Agenda

8:30 am	Registration Opens
9:30 am	Welcome to the Commons: Collaboration in Action Diane Mueller (Red Hat)
9:50 am	Red Hat's Unified Hybrid Cloud Vision Brian Gracely (Red Hat)
10:30 am	OpenShift 4.1 Release Update and Road Map William Markito Oliveira (Red Hat) Christopher Blum (Red Hat)
11:00 am	Coffee Break
11:30 am	Customer Keynote: OpenShift @ Amadeus Salvatore Dario Minonne (Amadeus)
12:00 pm	State of the Operators: Framework, SDKs, Hubs and beyond Guil Barros (Red Hat)
12:30 pm	Update on OKD4 and Fedora CoreOS Christian Glombek (Red Hat)



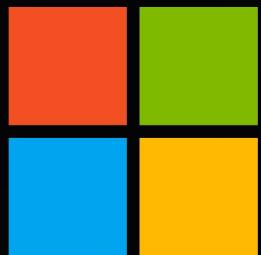
Afternoon's Agenda

1:00 pm	Networking Lunch
2:00 pm	OpenShift Managed su Azure Marco D'Angelo (Microsoft)
2:30 pm	Open Banking with Microservices Architectures and Apache Kafka on OpenShift Paolo Gigante (Poste Italiane) Pierluigi Sforza (Poste Italiane) Paolo Patierno (Red Hat)
3:00 pm	State of Serverless: Knative, Istio, Kiali and OpenShift Giuseppe Bonocore (Red Hat) William Markito Oliveira (Red Hat)
3:45 pm	Coffee break
4:15 pm	Case Study: OpenShift @ SIA Nicola Nicolotti (SIA Spa) Matteo Combi (SIA S.p.A.)
4:45 pm	State of Cloud Native Storage Christopher Blum (Red Hat)
5:10 pm	AMA Panel - Red Hat Project Leads, Product Managers and Engineers
5:30 pm	Closing: Road Ahead at OpenShift Diane Mueller (Red Hat)





OPENSHIFT
COMMONS
GATHERING
MILAN 2019



Microsoft

Thank you to our sponsor!

Be open, share and follow each other!



@OpenshiftCommon

#OpenShift
#CommonsGathering



Community in Action:

Making Connections
Across the Cloud Native Ecosystem

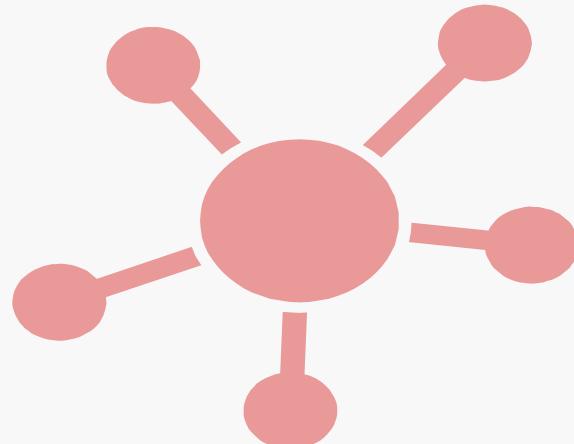
Diane Mueller
Director, Community Development
Red Hat
dmueller@redhat.com
[@openshiftcommon](https://twitter.com/@openshiftcommon)

September 18th, 2019 - OpenShift Commons Gathering - Milan



What is OpenShift Commons?

New Community Model + Communications Channel





Commons Participants

510+

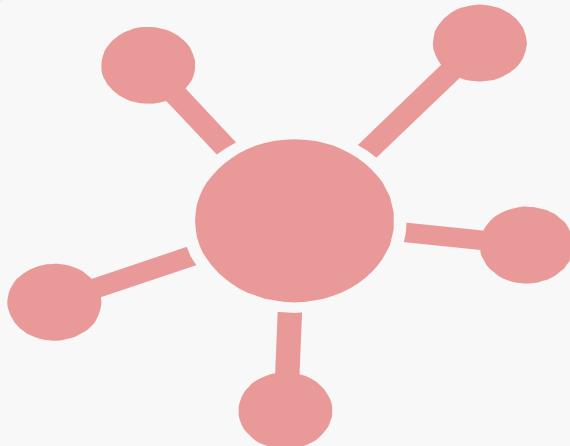


Who: Customers, Contributors, Collaborators and Integrators



Commons is a New Community Model

New Community Model



Promote Peer-to-Peer Interactions





YouTube CA

Search



Building Data Streaming Platforms
Using OpenShift and Kafka

Openshift @ Amadeus

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

REDAH OPENSHIFT

0:00 / 19:40

CC

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

OpenShift Commons Gathering at Red Hat Summit

OpenShift - 1 / 28



OpenShift Commons Gathering at
Red Hat Summit 2018 Amadeus
OpenShift



OpenShift Commons Gathering Red
Hat Summit 2018 Community
OpenShift



OpenShift Commons Gathering at
Red Hat Summit 2018 UPS Case
OpenShift



OpenShift Commons Gathering at
Red Hat Summit 2018 Quay at Cisco
OpenShift



OpenShift Commons Gathering at
Red Hat Summit 2018 Syngenta
OpenShift



OpenShift Commons Gathering at
Red Hat Summit 2018 BMO Case
OpenShift

Red Hat Enterprise Linux

What: Community-driven content generation ++



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 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-service-catalog

 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

Upcoming Events

May 2018						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
OpenShift Commons Hands-On Workshop – Copenhagen			OpenShift @ KubeCon/EU – Copenhagen			
OpenShift Commons Gathering – San Francisco	OpenShift @ Red Hat Summit					
		Project Atomic Update: Upstream, Downstream and CoreOS Acquisition with Jeff Ligon and Sanja Bonic (Red Hat) 9:00 am	OpenShift on OpenStack with Ramon Acacio Rodriguez (Red Hat) 9:00 am		OpenShift Commons Hands-On Workshop – OpenStack Summit/Vancouver	

May 2018						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
Operator Framework Deep Dive with Rob Szumski (Red Hat) 9:00 am	Load Balancing Applications with the OpenShift NGINX Router – Michael Pleshakov and Daniel Curry (Nginx) 9:00 am					

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





Join OpenShift Commons Today!

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.

<https://commons.openshift.org#join>

Join Now

* First name

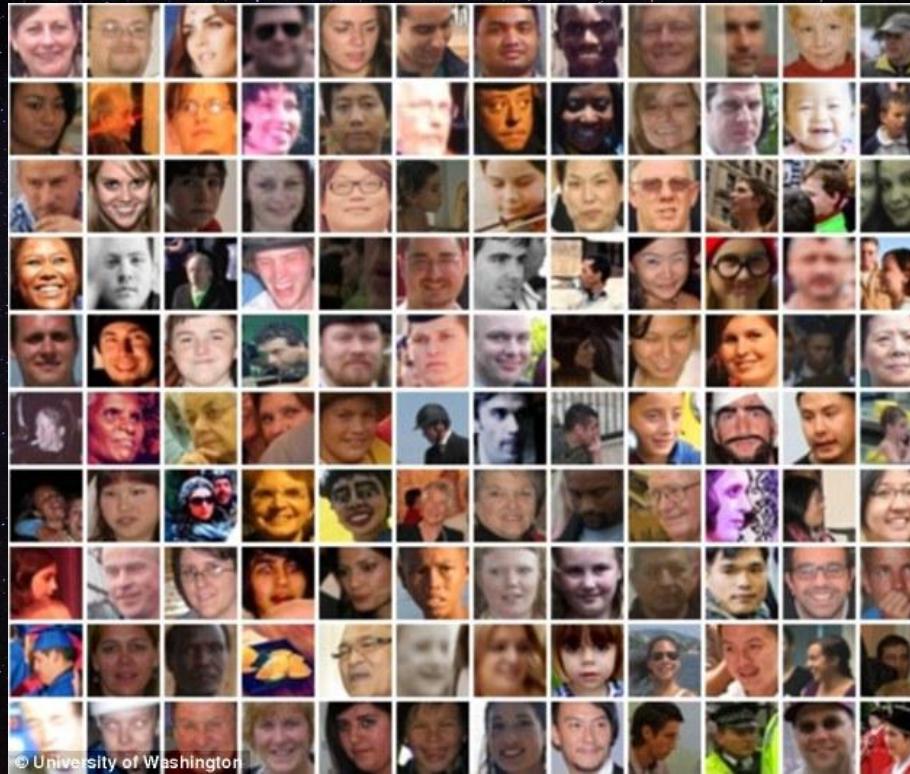
* Last name

* Work email

* Company

Submit

Facial Recognition



https://commons.openshift.org/gatherings/Milan_Italy_2019.html



OPEN SOURCE IS THE SOURCE OF TECHNOLOGICAL INNOVATION

Linux® kernel

KVM

1M+
projects

Fedora

OpenStack®

GNOME

OpenJDK

Kubernetes

Apache Project

Hyperledger

node.js



OKD

TensorFlow

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

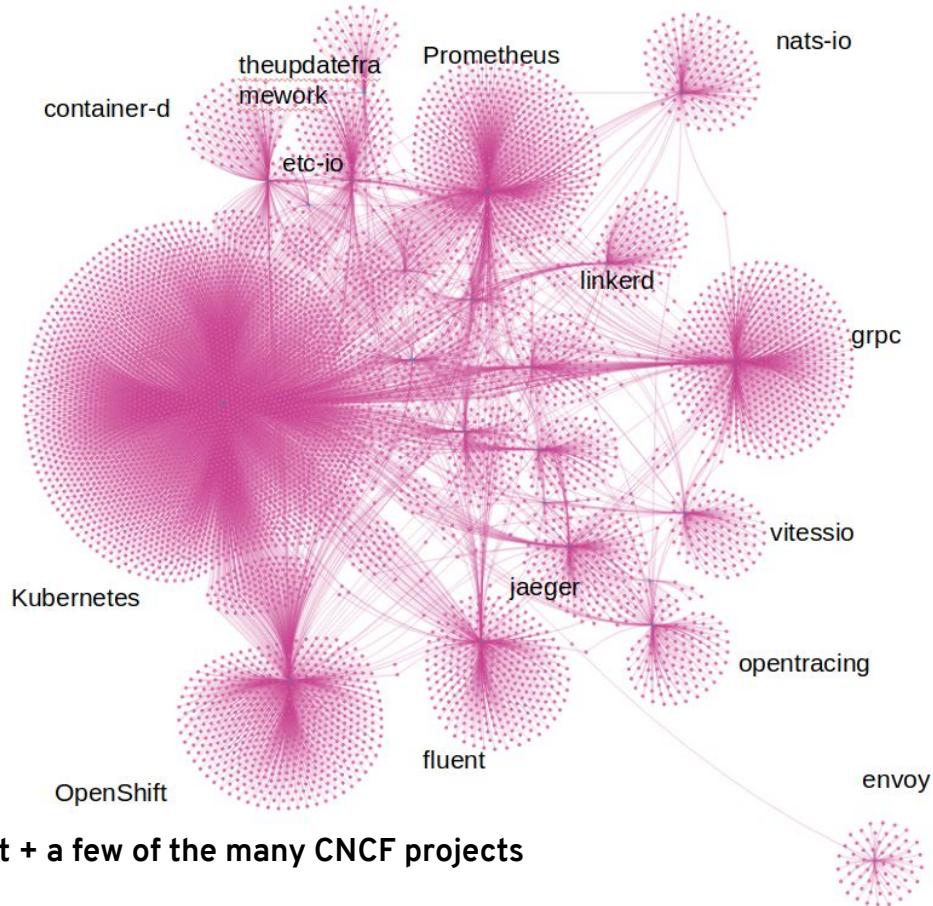
*GitHub Oct 2018



Medusa



It's All About Our Relationships



Kubernetes + OpenShift + a few of the many CNCF projects

OPEN SOURCE
OPEN COMMUNITIES
OPEN COLLABORATION

making connections that drive continuous innovation

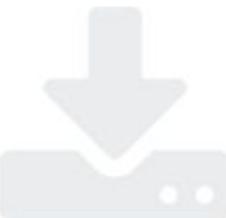
OKD = f(Kubernetes++)





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".

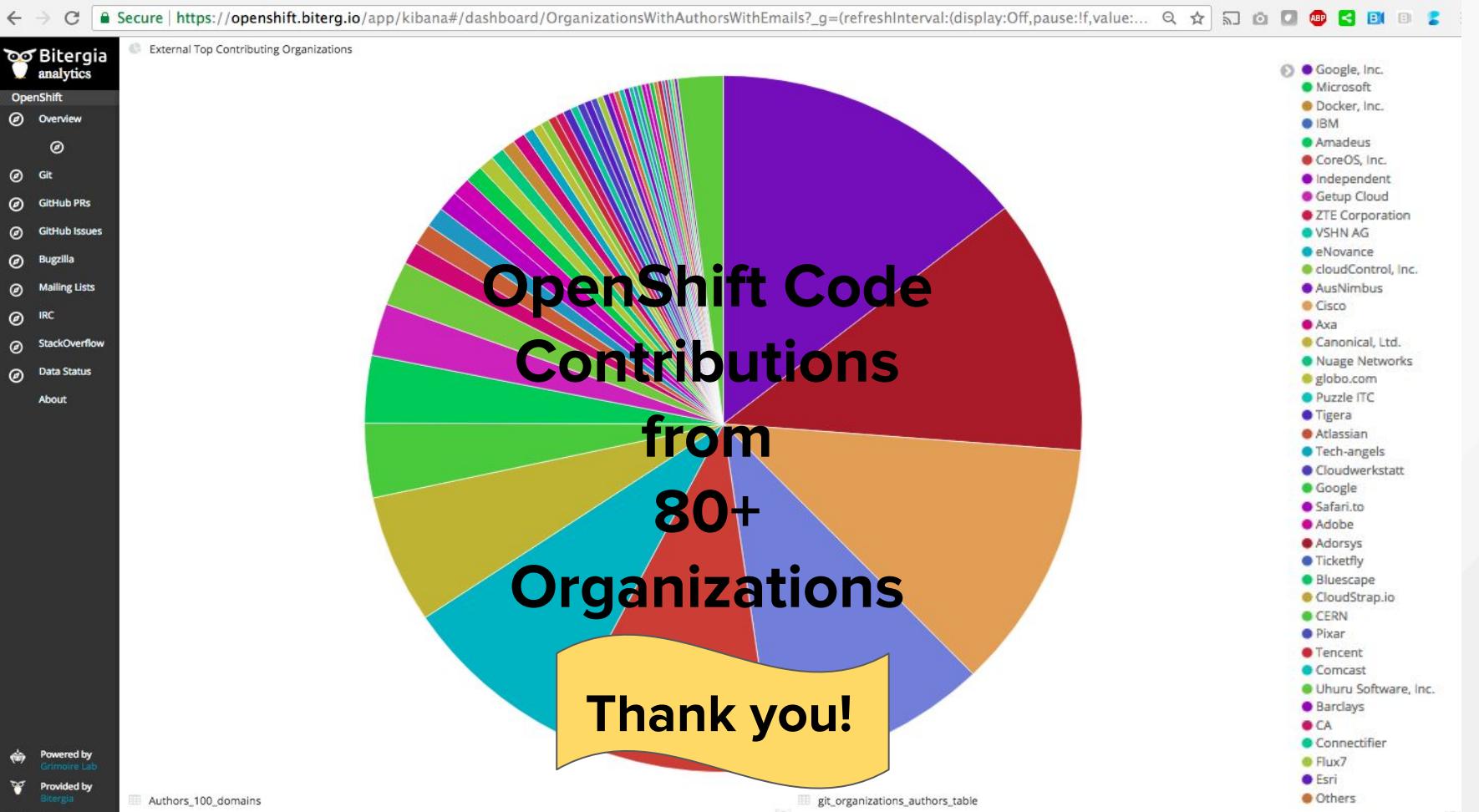
  You can add applications to this project with the 'new-app' command. For example, try:
    oc new-app centos/ruby-22-centos7~https://github.com/openshift/ruby-ex.git

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



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

COMMONS PARTICIPATION DRIVES CONTRIBUTION

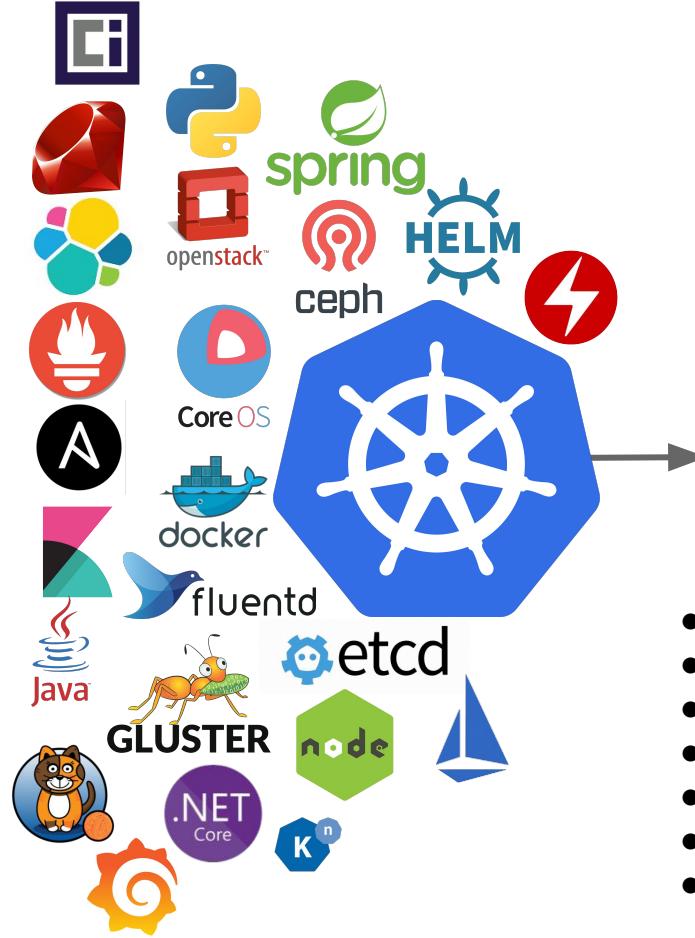


<https://groups.google.com/forum/#!forum/okd-wg>



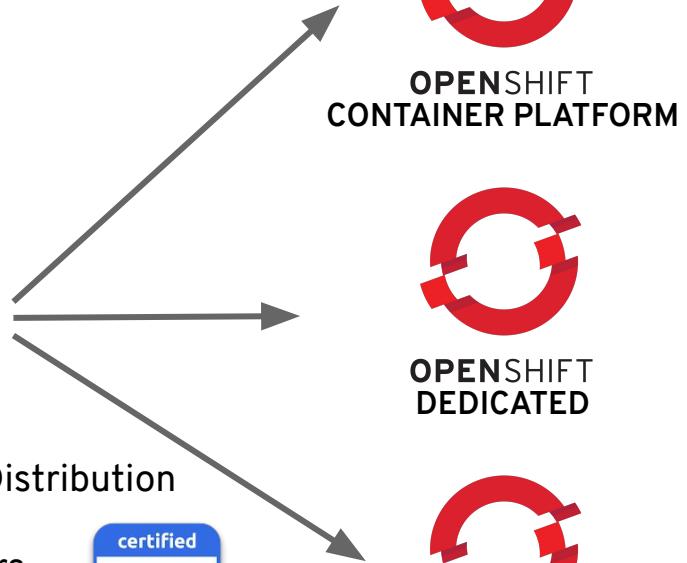
**THE FUTURE IS ALL
ABOUT
CROSS-COMMUNITY
COLLABORATION**

Collaborating Upstream

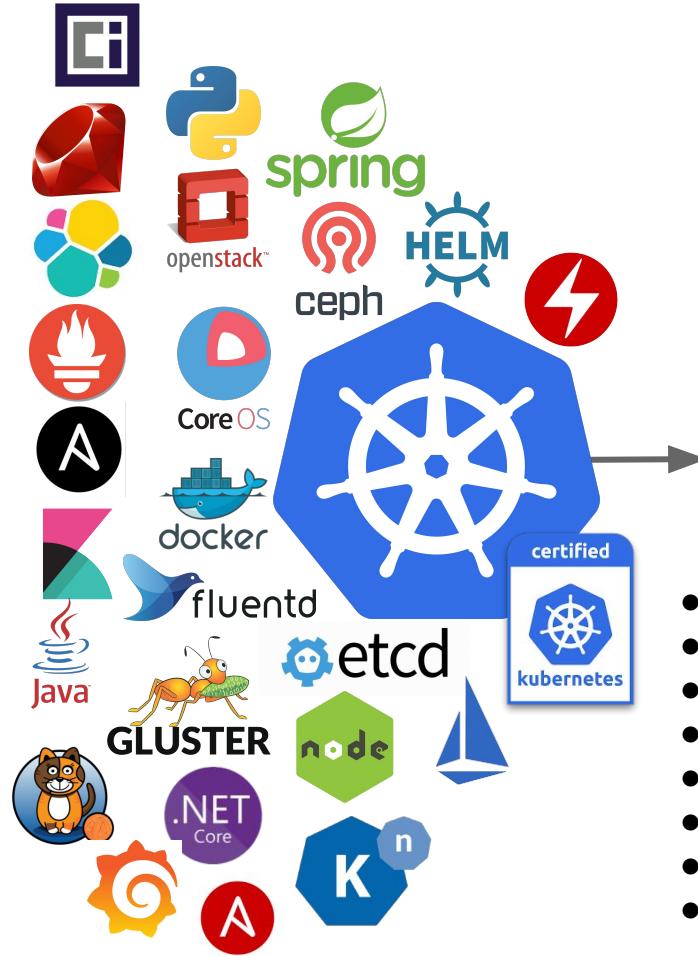


okd

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

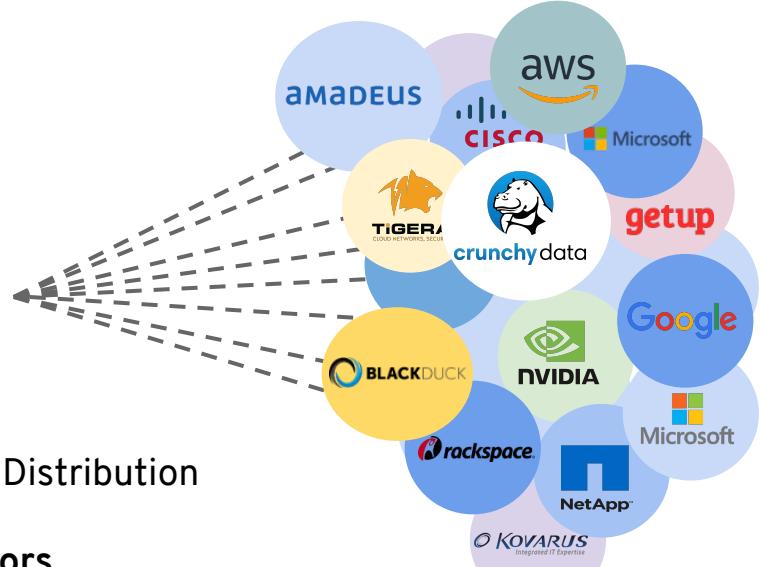


Collaborating Across Streams

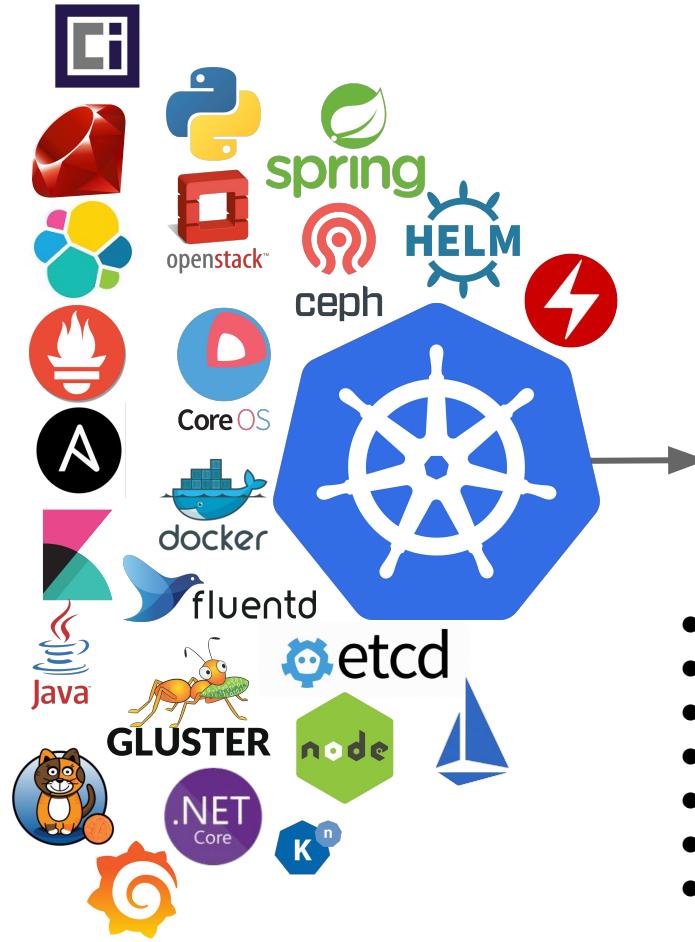


okd

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

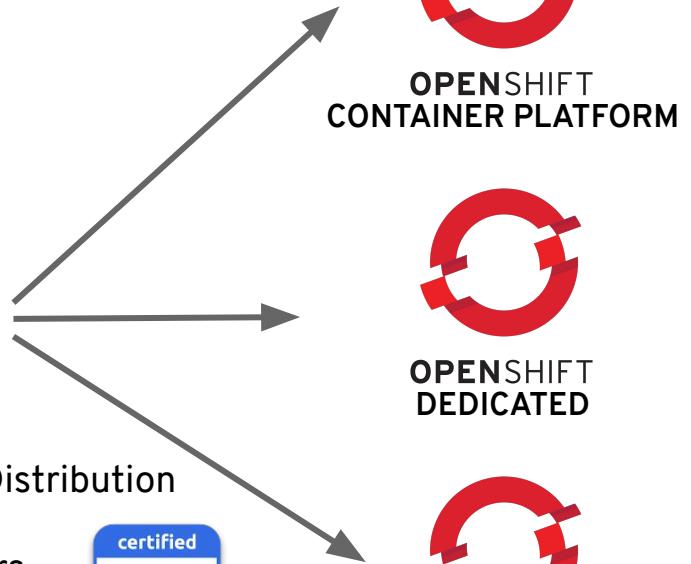


Delivering OpenShift



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



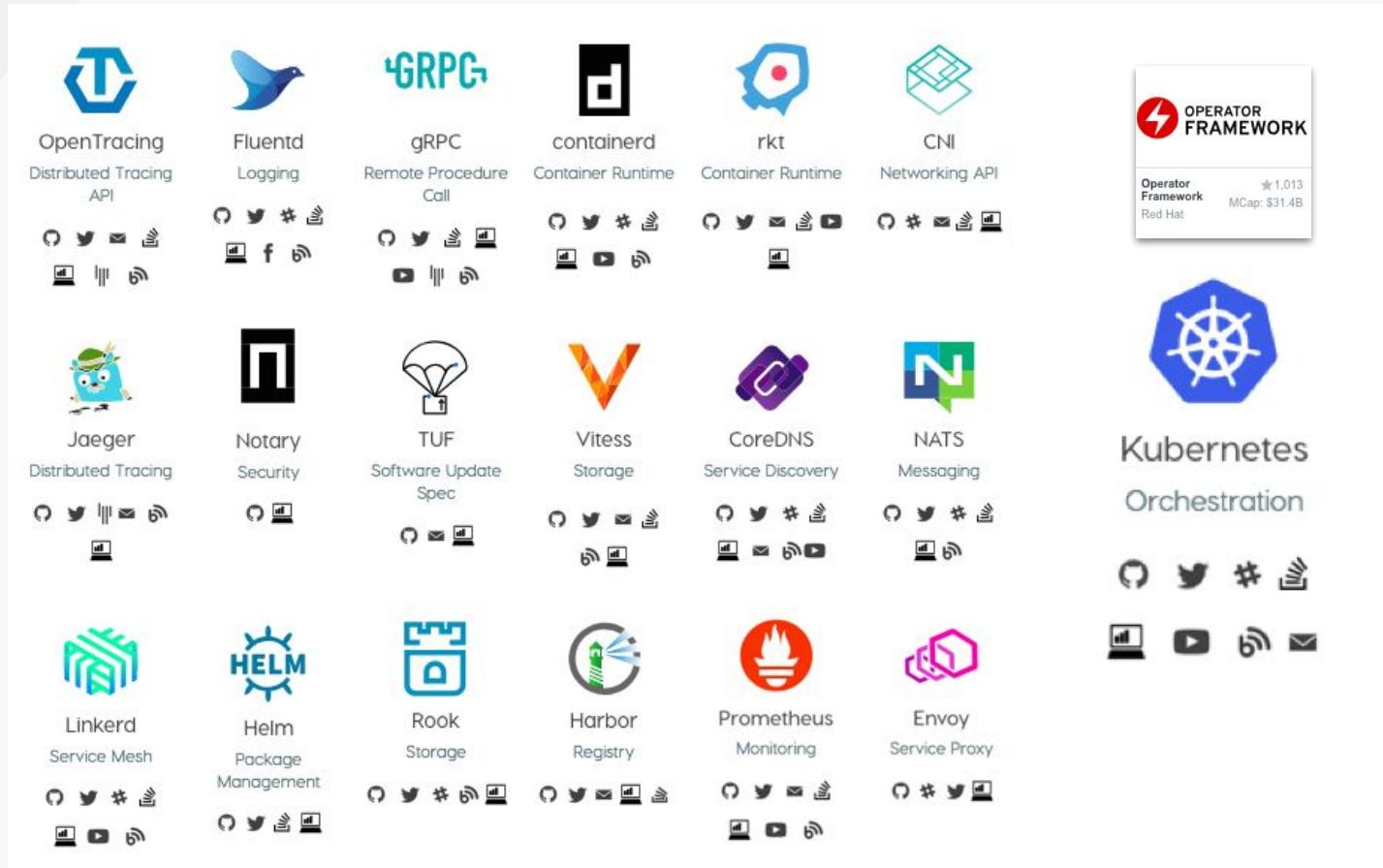
KUBERNETES SIGs & WGs- ENGINEERING LEADERSHIP

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	

The Future is all about Collaboration - Across Streams



Welcome to OperatorHub.io

OperatorHub.io is a new home for the Kubernetes community to share Operators. Find an existing Operator or list your own today.

CATEGORIES

- AI/Machine Learning
- Big Data
- Cloud Provider
- Database
- Integration & Delivery
- Logging & Tracing
- Monitoring
- OpenShift Optional
- Security
- Storage
- Streaming & Messaging

PROVIDER

- Amazon Web Services (1)
 - Aqua Security (1)
 - Banzai Cloud (2)
 - CNCF (2)
 - Couchbase (1)
- Show 19 more

CAPABILITY LEVEL

- Basic Install (14)
- Seamless Upgrades (3)
- Full Lifecycle (11)
- Deep Insights (1)

29 ITEMS

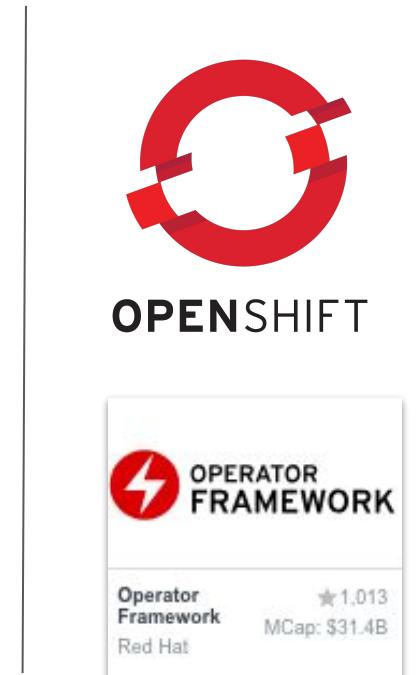
VIEW SORT A-Z

Aqua Security Operator provided by Aqua Security, Inc. The Aqua Security Operator runs within Kubernetes cluster and provides a means to	AWS Service Operator provided by Amazon Web Services, Inc. The AWS Service Operator allows you to manage AWS	CockroachDB provided by Helm Community CockroachDB Operator based on the CockroachDB helm chart	Community Jaeger Operator provided by CNCF Provides tracing, monitoring and troubleshooting microservices-based	Couchbase Operator provided by Couchbase The Couchbase Autonomous Operator allows users to easily deploy, manage, and maint
Crunchy PostgreSQL Enterprise provided by Crunchy Data PostgreSQL is a powerful, open source object-relational	etcd provided by CNCF Create and maintain highly-available etcd clusters on Kubernetes	Federation provided by Red Hat Gain Hybrid Cloud capabilities between your clusters with Kubernetes Federation.	FederatorAI provided by ProphetStor Data Services, Inc. FederatorAI Operator provides easy configuration	Hazelcast Operator provided by Hazelcast, Inc Install Hazelcast Enterprise cluster.
infinispan provided by Infinispan Operator that creates and manages Infinispan clusters.	Instana Agent Operator provided by Instana Instana APM Agent	Istio provided by Banzai Cloud Installs and maintain Istio service mesh	Kiali Operator provided by Kiali Kiali project provides answers to the questions: What microservices are part of my	Micrrocks Operator provided by Micrrocks.io Open Source mocking and testing platform for API and microservices

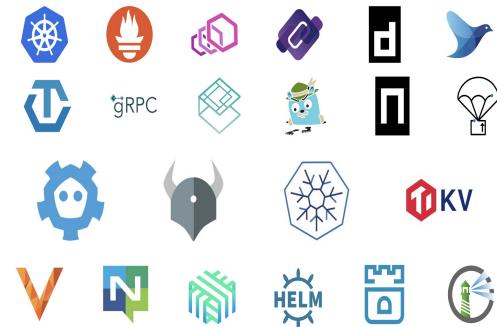
<https://operatorhub.io>



Rich Research Datasets to Dive into...



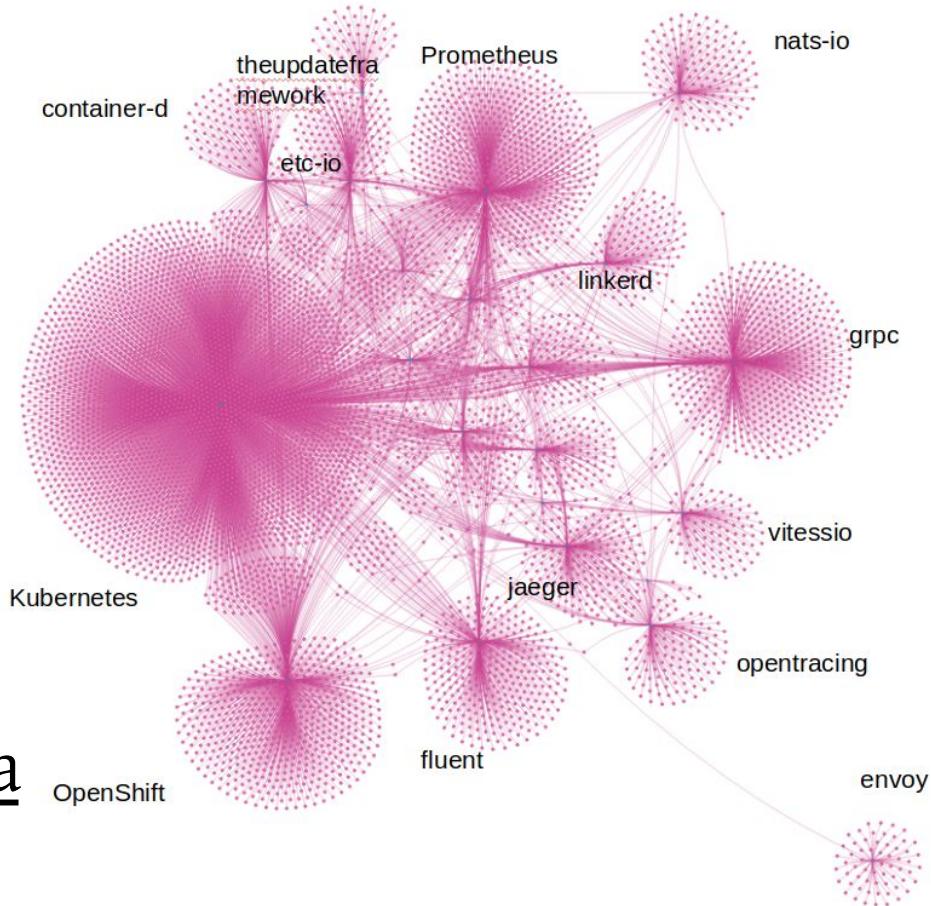
CLOUD NATIVE
COMPUTING FOUNDATION







CNCF projects + OpenShift



OpenShift





Kubernetes + OpenShift + Jaeger

Kubernetes

Visualize / New Visualization (unsaved)

Search... (e.g. status:200 AND extension:PHP)

git_all

Data Options

Metrics

Select metrics type

Node Size

Edge Size

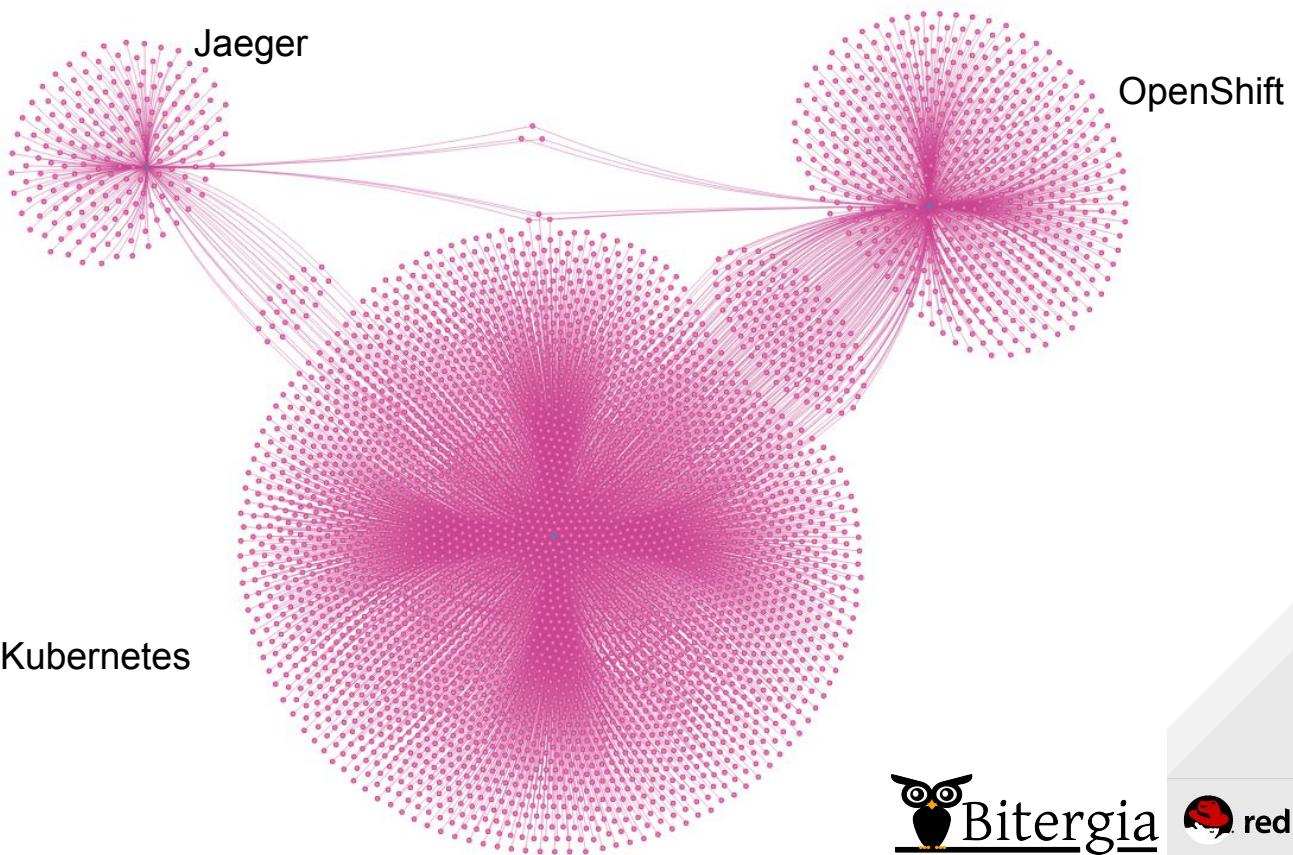
Cancel

Buckets

Node author_name: Descending

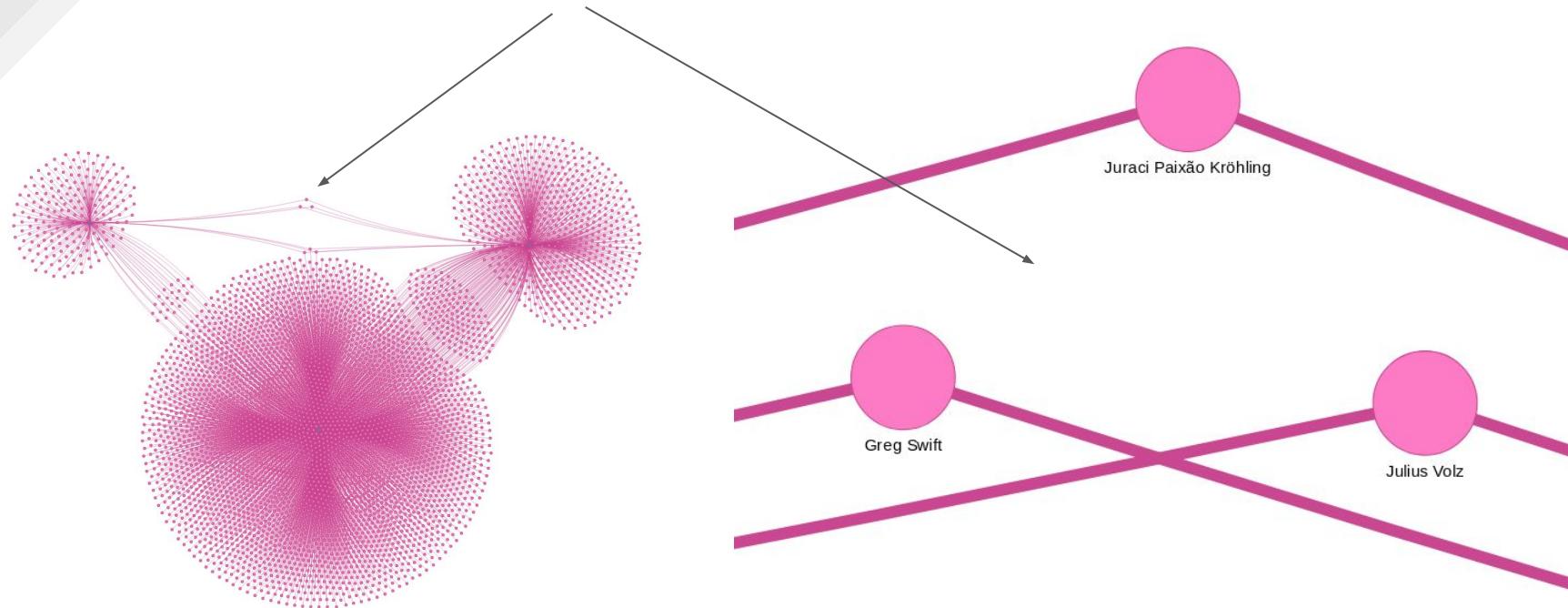
Node project: Descending

Add sub-buckets





Kubernetes + OpenShift + Jaeger





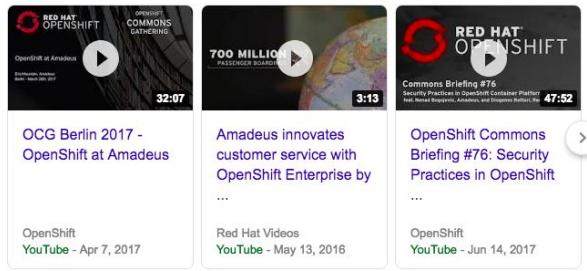
Corporate Persona: Amadeus

amADEUS

About 23,500 results (0.25 seconds)

Amadeus Deploys OpenShift by Red Hat as Foundation for Cloud ...
<https://www.redhat.com/.../amadeus-deploys-openshift-red-hat-foundation-cloud-base...> ▾
Jun 24, 2015 - Strong interest in application containers and automation leads Amadeus to choose Red Hat's cloud application platform offering. ...
(NYSE: RHT), the world's leading provider of open source solutions, today announced that global travel technology provider Amadeus is building its own ...

Videos



Kubernetes

OpenStack

RDO

How they show up: Kubernetes, OKD, OCP on Azure, OCP on OpenStack





Corporate Persona: Amadeus

Kubernetes

Visualize / C_Amadeus_RedHat_with_Kubernetes_OpenShift_OpenTracing_Container_Jaeger

Search... (e.g. status:200 AND extension:PHP)

project: "kubernetes, Openshift, Open Tracing, ContainerD, Jaeger" author_org_name: "Red Hat, Amadeus"

git_all

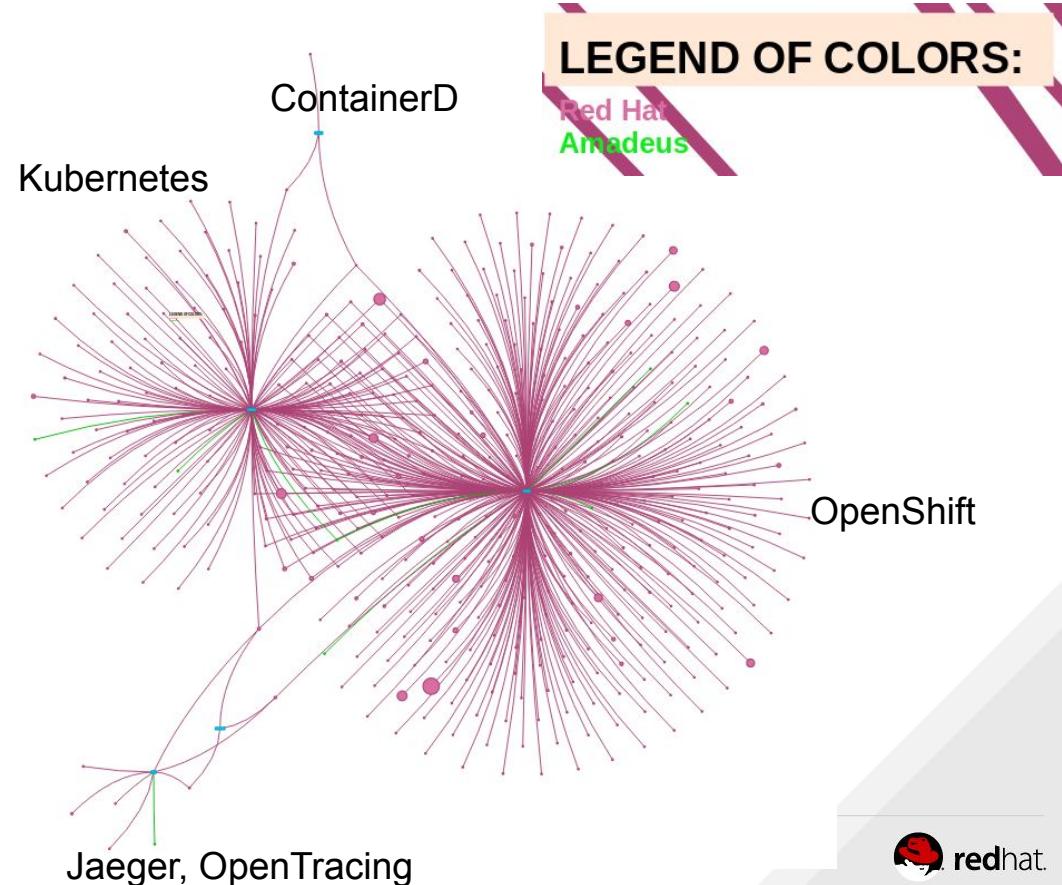
Data Options

Metrics

Node Size Count Add metrics

Buckets

Node author_name: Descending Node project: Descending Node C... author_org_name: Descending





Inter-Corporate Relationships: Red Hat / IBM

Visualize / C_IBM_RedHat_with_CNCF_OpenStack_OpenShift

Search... (e.g. status:200 AND extension:PHP)

project: "kubernetes, OpenShift, Open Tracing, Containerd, Jaeger" author_org_name: "Red Hat, IBM"

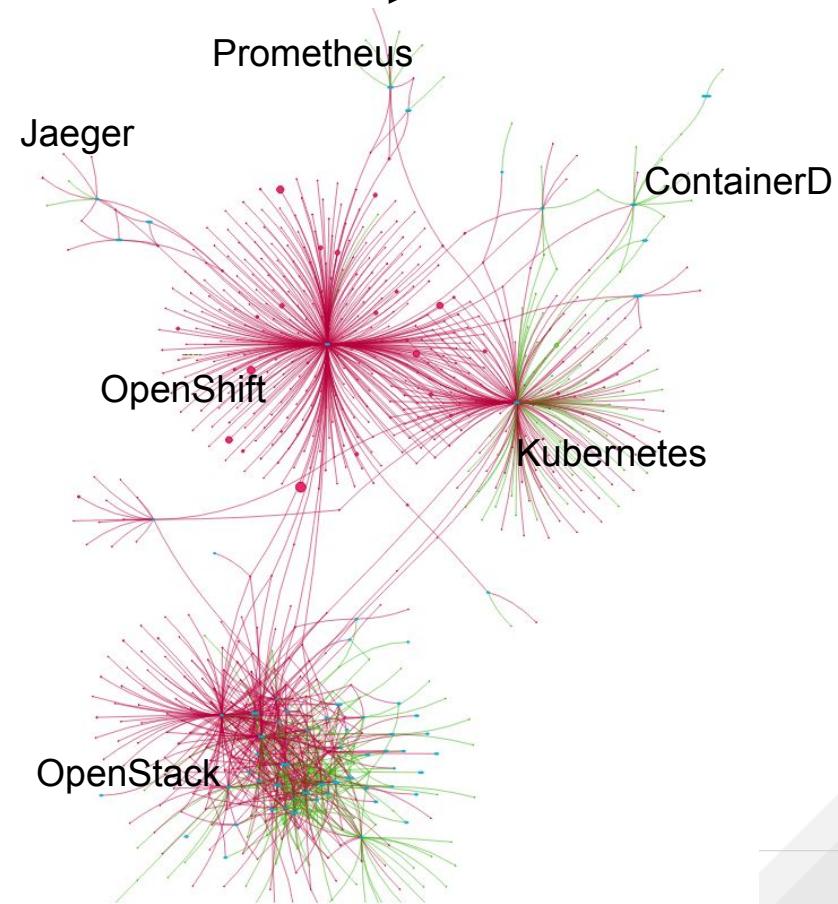
git_all

Data Options

Metrics Node Size Count

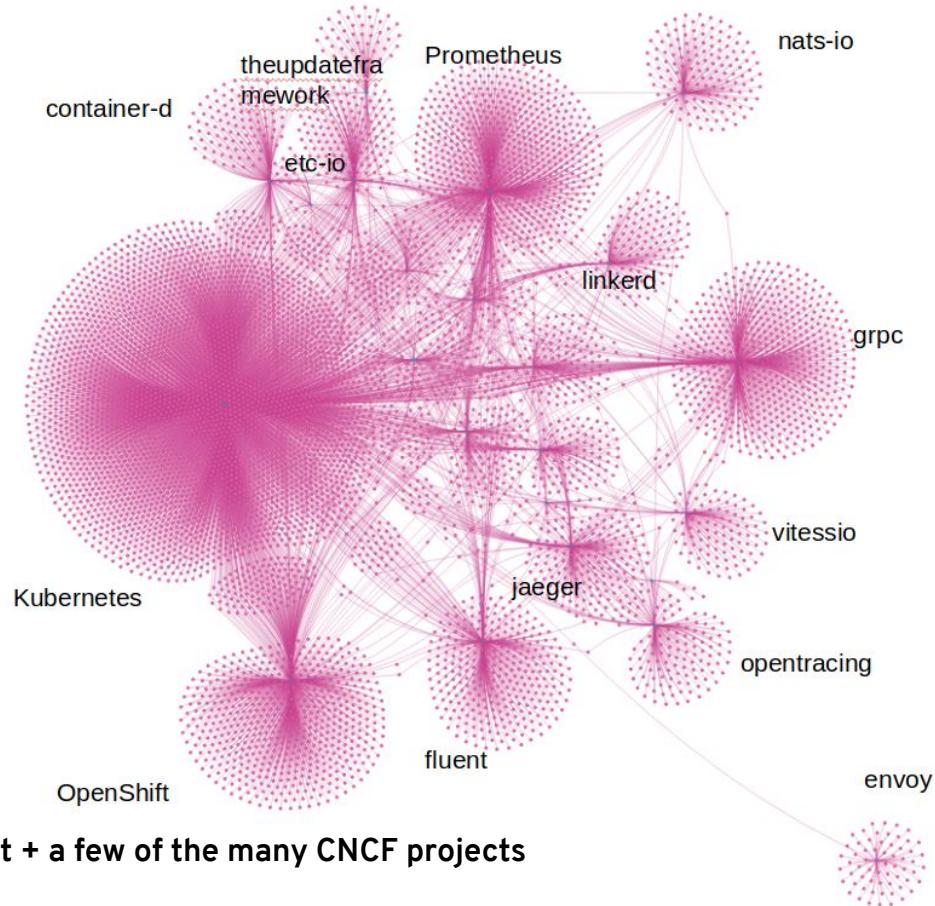
Buckets

- Node author_name: Descending
- Node project: Descending
- Node C... author_org_name: Descending





It's All About Connecting the Dots



Kubernetes + OpenShift + a few of the many CNCF projects



LET'S GET STARTED MAKING CONNECTIONS!

Welcome to OpenShift Commons!

<https://commons.openshift.org#join>

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Thank you!

<https://commons.openshift.org#join>

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