

# Open Source Program Offices



**Deborah Bryant**

Board Secretary @ OSI  
Senior Director of Open Source  
Program Office @ Red Hat  
Board Director @ DemocracyLab  
Board Advisor @ OSET Institute

"Throughout her career, Deb has lent her voice to supporting open source projects and developers, building bridges between academia, industry, non-profits, and government along the way."

**Chapter04  
Session05**

**Step Up. Speak Up. Go Up**



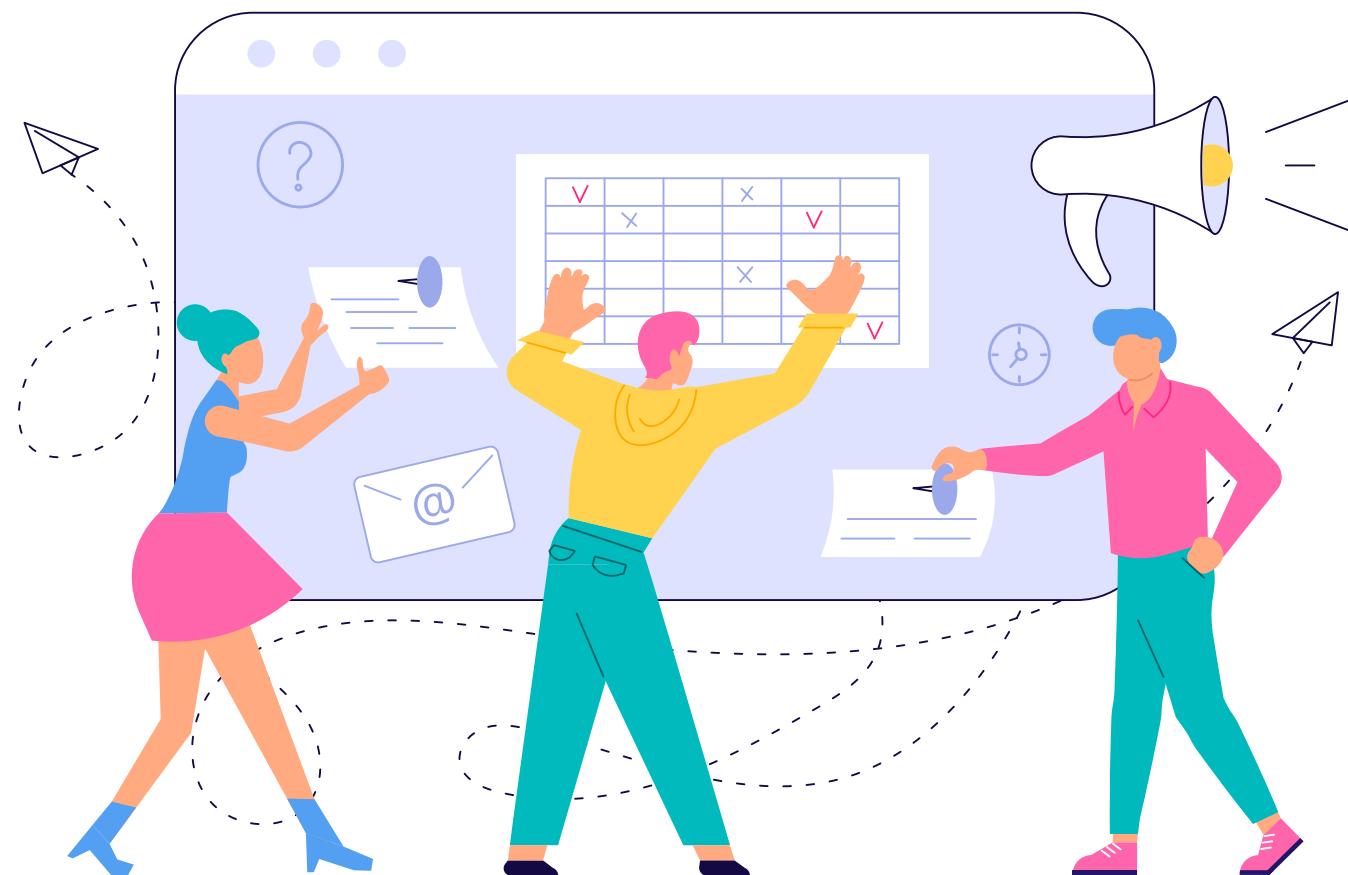
June 19th 10AM PST



[zoom.goupaz.com](https://zoom.goupaz.com)

**Hosted by**  
 **Metabob**

# Agenda



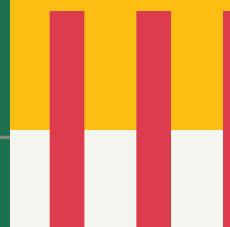
- **10:00-10:10 | Kickoff**
  - Introduction
  - Chit Chat
- **10:10-11:10 | Presentation**
  - Speaker
- **11:10-11:15 | Break**
  - Pre Q&A
- **11:15-11:30 | Q&A**
  - Discussion
- **11:30-11:35 | Wrap Up**
  - Contact Speaker

Hosted by

Sako M  
DevOps



*Use my lifelong energy, time and skills to move up others.*



## Metabob

It's the fast, easy, and visual way of debugging code.

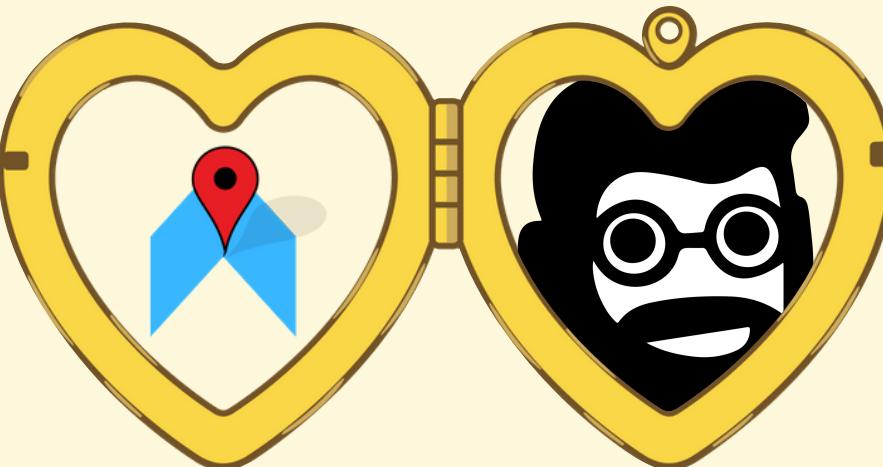
<https://metabob.com>

## GOUP

Community driven Open source accelerator!  
<https://goupaz.com>

# Chapter04

#contributor



# GOUP

Community driven Open source accelerator!  
<https://goupaz.com>



YOU

GOUPO2hero/Chapter04  
Contributor  
About YOU

Step Up. Speak Up. Go Up.

# Metabob

It's the fast, easy, and visual way of  
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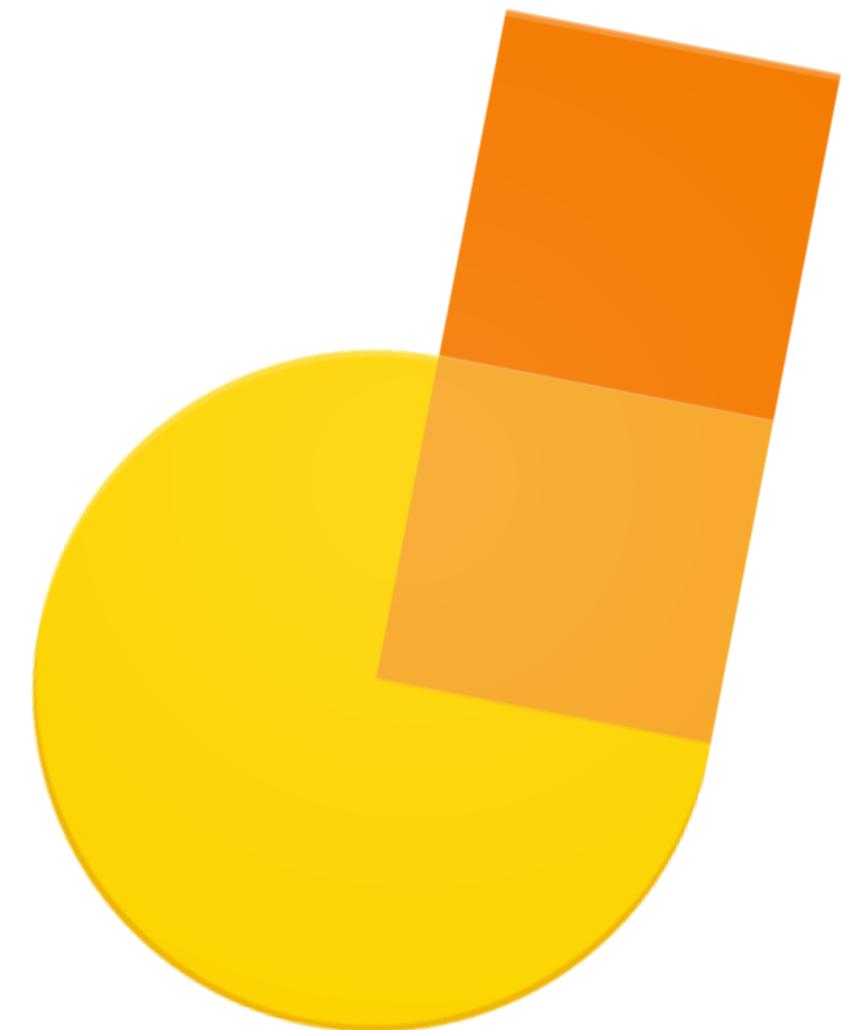
<https://metabob.com>

Are you ready?

Let's Begin!

CHITCHAT

# JAMBOARD



# What do you want to learn from this webinar?

Sako - What are the benefits of Open Source Program Office for companies?

Akhil Here...What's The Recommended Path To Step Into Open Source And Why Open Source Is So Important??

I m looking forward to know how one can contribute to redhat and grab an off campus opportunity.

**What Does Redhat Do?**

How is Red Hat active in Open Source

Does Red Hat have mentorship programs for students? If yes, how can we apply?

fiza: How to start contributing on open source (github)?

I am Chandan. As a beginner to Open Source, how does a good first issue is the first point to contribute?

**I am Biranchi. How to start contributing to open source projects ?**

what are pre-requisites to get started with open source? -stuti

**Are you happy and why? Anything fun  
happened this fun?**

**Sako - Friday  
was off day.  
Beach season  
oppening,  
more fun to  
come :)**

**Fun's  
About To  
Begin -  
Akhil**

POLL

## WHAT IS YOUR OPEN SOURCE PROGRAM OFFICE KNOWLEDGE LEVEL?

1



Not experienced

2



Somewhat experienced

3



Semi-experienced

4



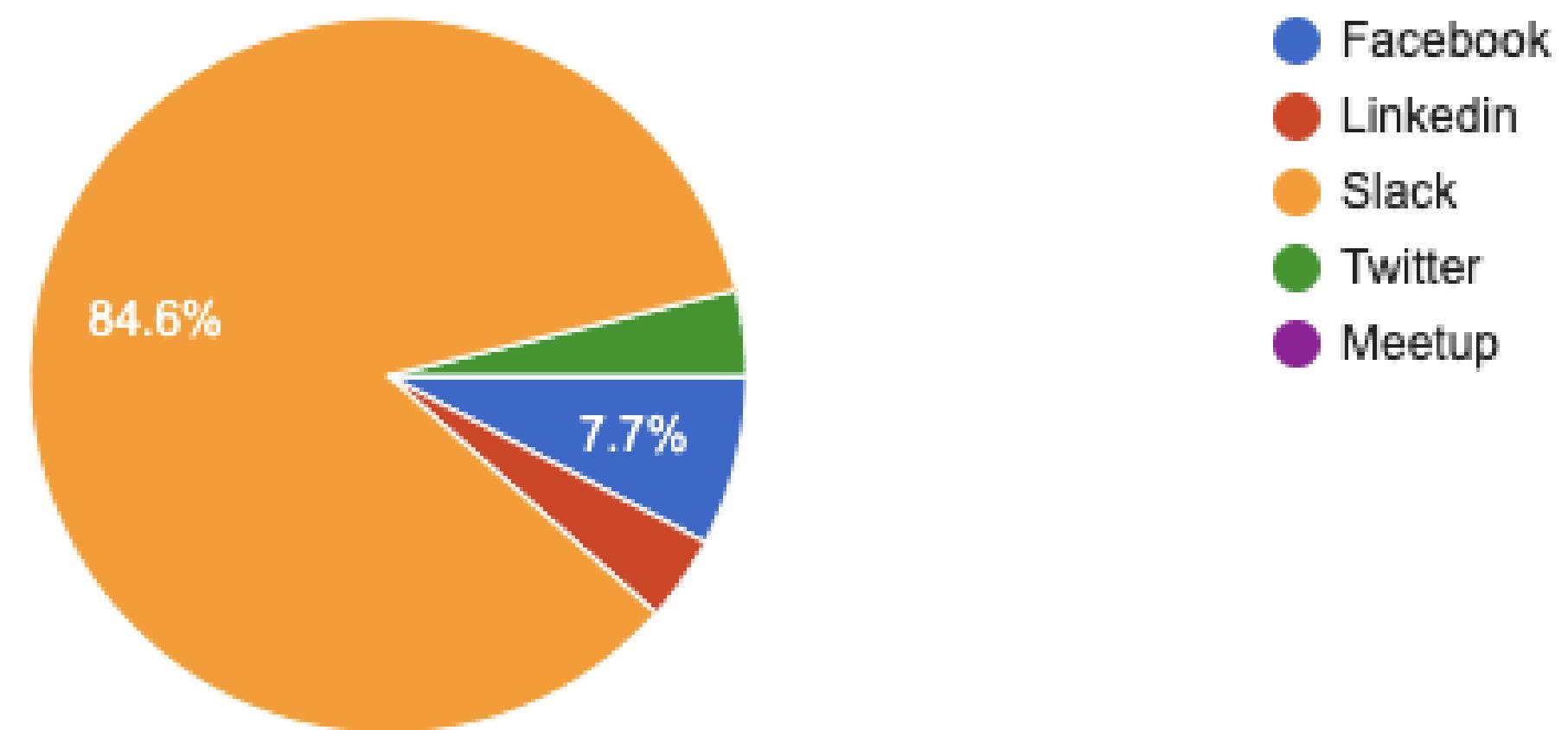
Experienced

5



Very experienced

# Audience



# Code of Conduct

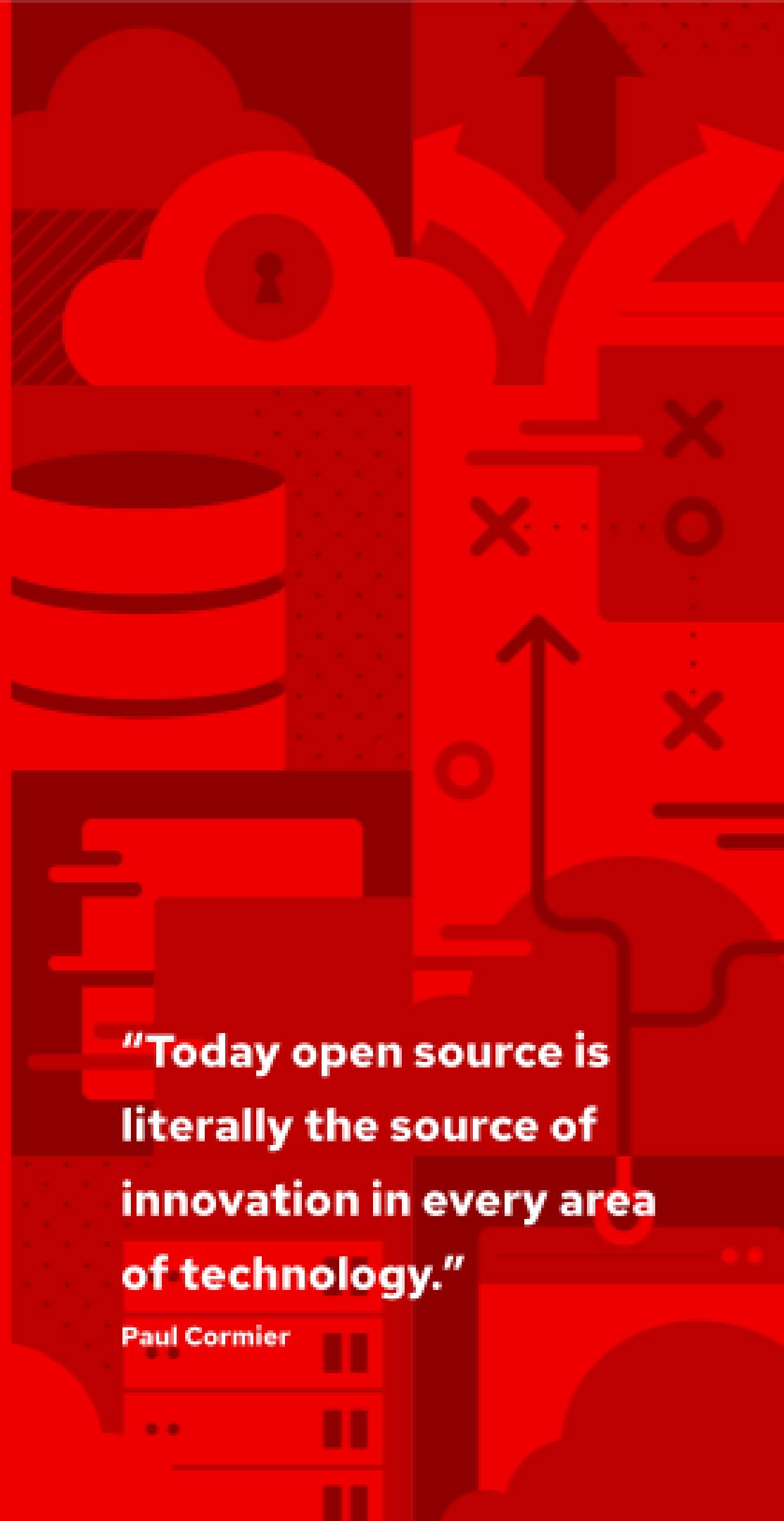
- 1 Learn, benefit, contribute
- 2 No marketing, selling, competing
- 3 Equality despite roles & bg



# Photo Shoot Time

Please turn on your camera :D

# Presentation



# Open Source Program Office (OSPO)

Presented to GOUP June 19, 2021

By Deborah Bryant

## Who is Red Hat?

Red Hat is an enterprise software company that uses open source as its development methodology.

What is our business?

Red Hat provides customers with support, training, and innovation for open source-developed software.



Chief Technology  
Officer



COMMUNITY  
(OSPO)



RESEARCH



EMERGING  
TECH



AI CoE



# The OSPO Mission

We create and engage upstream communities for all projects critical to the success of Red Hat's open ecosystem, product portfolio strategy, technical innovation, and customer satisfaction, to demonstrate the business advantage of how open unlocks the world's potential.

We serve as Red Hat's center of excellence for open source best practices.

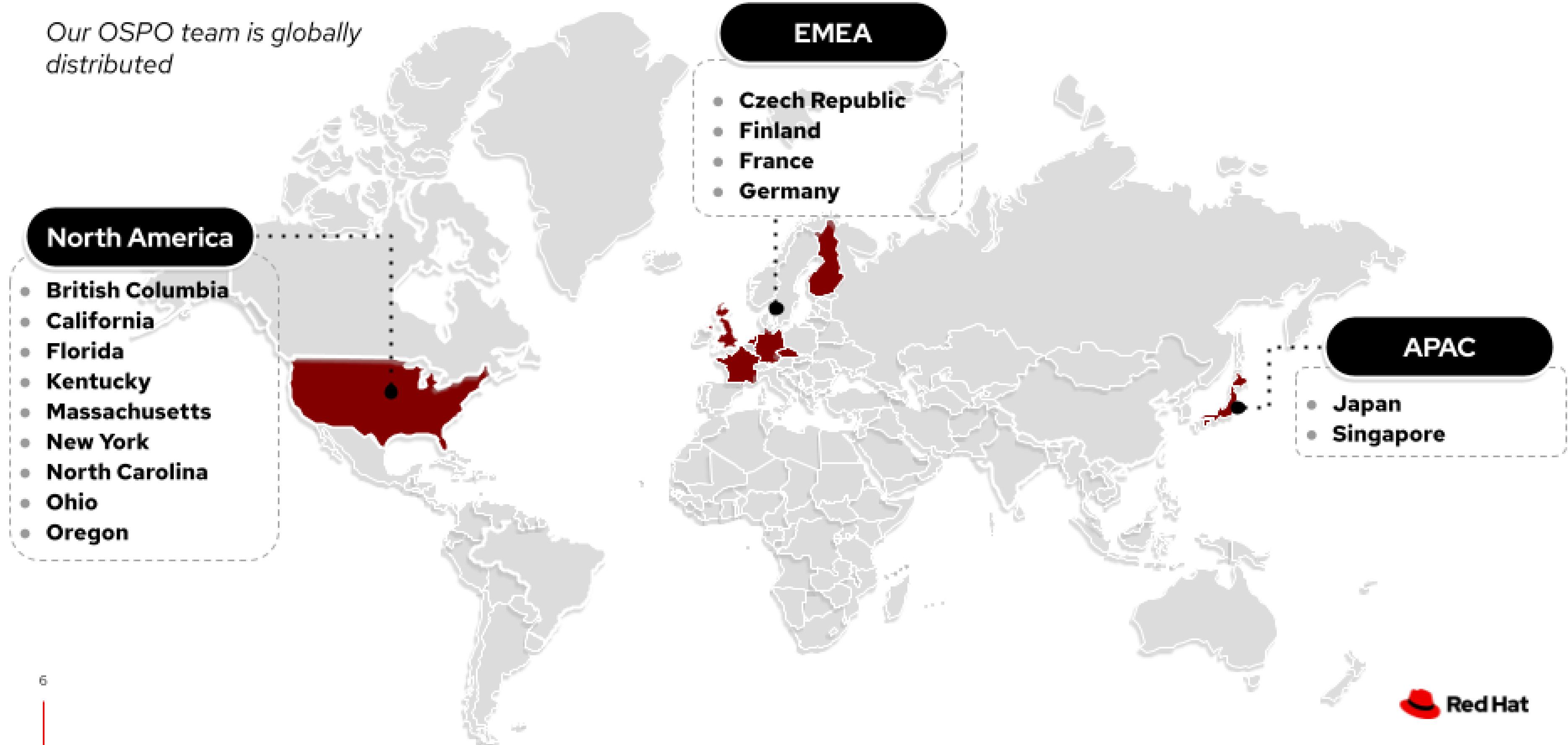
Key areas of practice:

- **Community Outreach** (Marketing & Outreach)
- **Community Architecture** (Hands-on community and Communities of Practice)
- **Standards & Industry Membership** (administered Red Hat-wide)
- **Community Infrastructure** (Community cage and other essential infrastructure)
- **Community Insights** (Education and training, community metrics and data analysis)
- **Open Source Field Engagement** (extending our open source expertise to our customers)
- **Vertical Communities**



# OSPO Global Team Footprint

*Our OSPO team is globally distributed*





# Red Hat's OSPO

# What many OSPOs commonly do... That Red Hat's OSPO does not.

- Write Code.
- Oversee license Compliance.
- Train engineers on open source development methodology.
- Bear responsibility for creating cultural change.
- Need to convince their lawyers or management that Open Source is a good thing.

OSPO Management Team



Senior Director,  
**OSPO**  
*NA - Florida*



Director -  
**Community  
Outreach**  
*NA - North Carolina*

## OSPO Management Team



Manager,  
**Community  
Infrastructure  
& Architects**  
*NA - California*



Senior Manager,  
**Vertical  
Communities  
Strategy**  
*EMEA - Germany*



Manager -  
**Community  
Insights**  
*NA - North Carolina*



**Operations Manager**  
*NA - North Carolina*

## Community Architects Team

Community  
Architect  
**EMEA - Czech  
Republic**



Community  
Architect, **Ceph**  
**NA - California**



Community  
Architect, **Field  
Enablement Lead**  
**NA -  
Massachusetts**



Manager,  
**NA - California**



Community  
Architect,  
**Kubernetes**  
**NA - Oregon**



Community  
Architect,  
**CentOS**  
**NA - Kentucky**



Community  
Architect,  
**Fedora**  
**NA - New York**



## What \*Community Architects Do

- Make sure our key upstream communities are healthy
- Monitor project health
- Establish clear goals with stakeholders
- Help open source acquired and new technologies
- Grow communities through a range of best practices
- Represent Red Hat position in these projects

## Key Projects for Our Team

- Fedora
- OpenStack/RDO
- CentOS Stream
- Kubernetes
- Ceph
- Gluster
- Many other projects are managed by assigned CAs in other groups within Red Hat (i.e. Ansible, OpenShift).

\* Sometimes also referred to as "Community Managers", these are active practitioners working directly and in collaboration with others to help open source projects and the communities that surround them grow.



Director -  
Community  
Outreach Team  
**NA - North  
Carolina**



Senior  
Community  
Architect  
**NA - California**

Open Source Events  
Senior Manager  
**NA - North Carolina**



Open Source  
Events  
Manager  
**NA - North  
Carolina**



## Community Outreach Team



Designer  
**EMEA - Finland**



Community  
Architect -  
Enablement  
**NA - North  
Carolina**



Manager -  
Community  
Insights  
**NA - North  
Carolina**



Data Science Intern  
**NA -  
Massachusetts**



Community  
Documentation  
Liaison  
**NA - Ohio**

## What the Community Outreach Team Does

- Define project goals, objectives, and strategy
- Training in developing process roadmaps
- Governance model and Code of conduct
- Industry memberships and standards participation
- Content outreach
- Marketing segment research and strategy
- Community events strategy
- Branding and style guide
- Messaging
- Social media presence and advising
- Swag/Logo design

### OPEN SOURCE PROGRAM OFFICE

#### Communities we contribute to

Red Hat is a proud contributor to all aspects of the software stack, from the operating system and developer toolchain to middleware, desktop, and cloud. We financially support a number of open source organizations who help us create and maintain better open source software. We also contribute to a wide range of standardization efforts that help define future, interoperable technologies.

[See how we do it. →](#)



#### Software contributions

##### Software foundations

- Akame Edge Stack
- Apache Software Foundation
- Cloud Native Computing Foundation
- Document Foundation
- Eclipse Foundation
- GNOME Foundation
- Linux Foundation
- Linux Foundation AI Foundation
- Linux Foundation Networking Projects
- Node.js Foundation
- Open Container Initiative
- OpenDaylight
- OpenStack Foundation
- OPNFV
- Python Software Foundation
- Real Time Linux

##### Operating system

## What the Community Insight Team Does

- Provides annual audits against the Community Health Checklist to uncover strengths and opportunities for Red Hat-supported communities.
- Facilitate courses and workshops on open source and community engagement fundamentals
- Produce customer-facing educational resources
- Research and implement new ways to analyze a variety of data sources across the upstream open source ecosystem

*Think “the art and science of community”*

### open source project

Last Updated: March 29, 2021

A [healthy open source project](#) demonstrates open practices, uses open infrastructure, and cultivates an open culture with the goal of becoming more sustainable. Use this checklist to assess the health of an open source project. The more checks you see when you are finished, the healthier the project is likely to be.

#### Infrastructure

##### Basic infrastructure\*

- Code repositories and [issue trackers](#) are present and easily accessible
- Development and testing tools are present and easily accessible
- Project website is present and easily accessible
- Mailing list servers are present and easily accessible
- Documentation platform is present and easily accessible
- Video conferencing platform is present and easily accessible
- Community forum is present and easily accessible
- Synchronous chat tools are present and easily accessible
- Community event calendar is present and easily accessible

\* Infrastructure is “easily accessible” if users and contributors do not require special permission or specific institutional affiliation to engage with it.

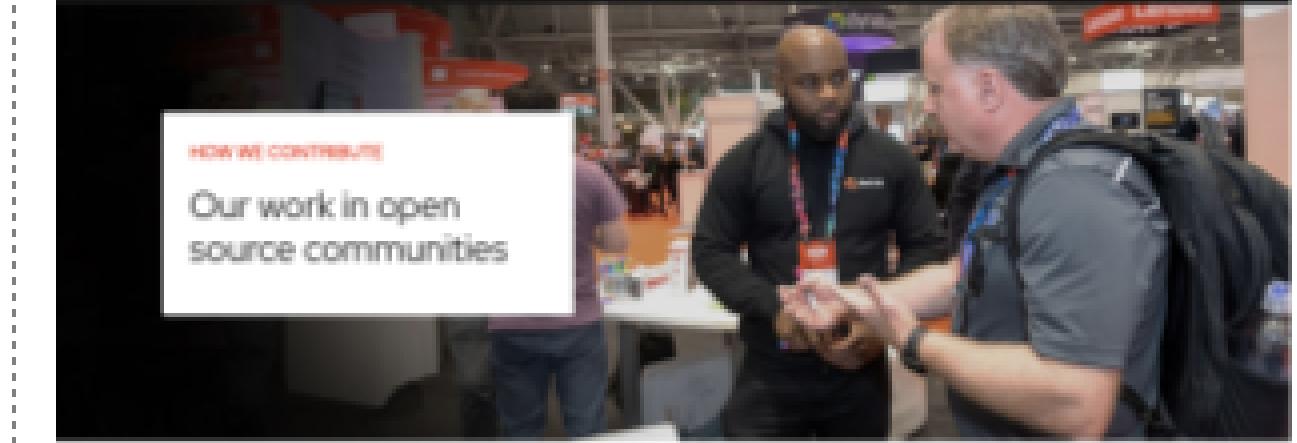
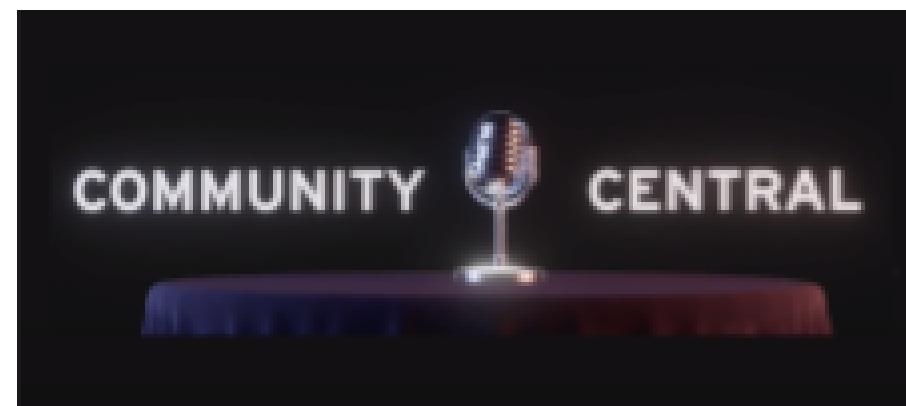
##### Project website

- Website has a unique domain name
- Website features other publicly visible sites or subdomains
- Website contains clear description of project and its purpose
- Website features consistent stylistic and navigational elements
- Website features software binaries download link
- Website features multiple download formats

## Where you can find us

We promote participation in upstream projects and share Red Hat's expertise in contributing to, working with, and supporting community. Public resources include:

- OSPO landing page on redhat.com ([red.ht/OSPO](http://red.ht/OSPO))
- Community channel on Red Hat company blog
- Resource Library collateral ([red.ht/OSPOresources](http://red.ht/OSPOresources))
- Video content ([youtube.com/c/RedHatCommunity](https://youtube.com/c/RedHatCommunity))
  - "Community Central"
  - "The Open Road"
  - "Open Source in Business"
  - "Red Hat Research Days"
- On twitter @redhatopen



### What we do

Red Hat is an enterprise software company with an open source [development model](#). Communities power everything we do—the products we create, the culture we embrace, and the solutions we design with customers. We advocate for them every day. Because when they succeed, our customers do too.

[Read the community blog ↗](#)

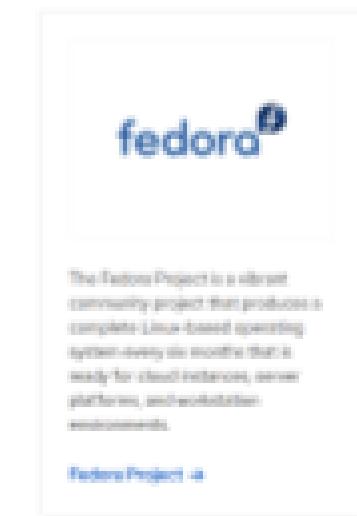


### How we do it

**Participate** – Red Hat participates in and creates community-powered upstream projects. We contribute code, collaborate on certified, [standard projects](#), mentor leaders, and sponsor events.

**Integrate** – Red Hat integrates multiple upstream projects, running open source community platforms. And we work in multi-organizational projects, bringing industry-leading standard technologies into our own projects.

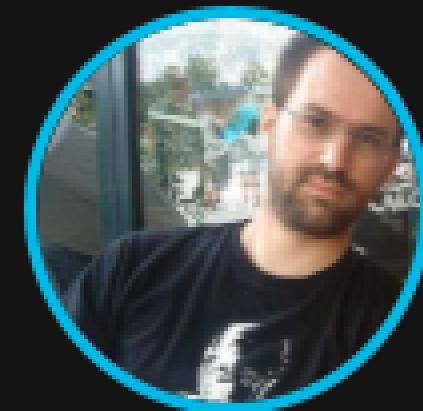
**Evolve** – Red Hat commercializes these platforms and projects together with a rich ecosystem of services and certifications, while continuing to contribute back to the upstream projects of which we are a part.



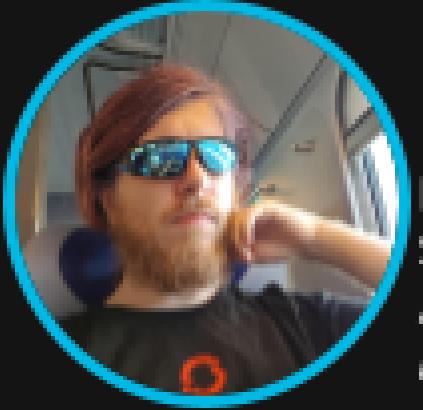


Manager,  
Community  
Infrastructure  
**NA - California**

## Community Infrastructure Team



Senior Systems  
Administrator  
**APAC - Japan**



Principal  
Systems  
Administrator  
**EMEA - France**



Systems  
Administration  
Intern  
**NA - New York**

## Community Infrastructure outside the corporate firewall

- Infra = Systems administration
  - Managed services (see [https://osci.io/mission\\_and\\_services/](https://osci.io/mission_and_services/))
  - Project-embedded sys admins
- Community Cage
  - Public facing stable infrastructure for upstream communities is a partnership between OSPO, Regional IT + and other Red Hat engineering operations
  - Current tenants include the projects CentOS, Ceph, Fedora, Gluster, GNOME, and TryStack

- shared services, used by multiples communities
  - hosted services for small tenants or tenants in need of complementation
- All services are made using Free software.

### Provided Services

The list of provided services is flexible and expanding with time and needs.

Here is a non-exhaustive list of services we are used to provide and can offer:

Category	Service Description
DNS	secondary DNS servers for community domains (to support multiple TLDs)
Mail	mailboxes, redirections, boxes with IMAPS/POP3S access (with SSL/TLS) and mailing-lists (using Mailman 3, migration from listserv)
MX	secondary MXs for community domains
Web	web sites hosting (static preferred, Ruby/Python with WSGI, PHP with FPM) with HTTPS (using Let's Encrypt) and security audit
Build	builders for various static sites generators (Ascii Binaries, Jekyll, Hugo, etc.)
Tickets	RT queue on our shared service
Time	time server (NTP) accessible inside the network
VM	Raw VM with root access

### Services Administration

# Vertical Communities Team

**Sr Community Architect**  
**Dedicated:**  
Telco/Networking  
**Monitoring:**  
Industry 4.0  
**NA-California**



**Sr Community Architect**  
(Recruiting now)  
**Dedicated:**  
Financial Services Industry



**Senior Manager,**  
Vertical Communities  
Strategy  
**EMEA - Germany**



**Sr Community Architect**  
**Dedicated:**  
Automotive  
**Monitoring:**  
Energy  
**NA-Canada**



**Harish Pillay**  
Senior Community  
Relations Manager  
**Field Engagement**  
**APAC - Singapore**

## The Growth of Open Source Adoption in Vertical Applications is on the rise

As Red Hat increasingly organizes its services around key industry verticals, it becomes ever more important to have complementary upstream plans.

Current and emerging verticals:

- Telco/networking
- Automotive
- Manufacturing/Industry 4.0
- Financial Services Industry (FSI)
- Energy
- Smart Cities

## How we help make the most of participation in software foundations and standards

- Manage all negotiations for memberships & associations in a common location for Red Hat
- Coordinate with engineering & engineering leadership on priorities and commitments
- Maintain an inventory of all tech leads, contacts, and stakeholders for coordination
- Assist in developing the business case for new memberships

examples: OpenStack, OPNFV, OASIS, Eclipse Foundation, Linux Foundation, Cloud Native Computing Foundation

(Akaino)		Founding General Member	Chris K Denise
(ASF)		Silver Sponsorship	Mark L
(ARM LEG)			Tim B Denise
(CCIX)		Contributor	Denise
(CNCF)			Chris K
(CSA)		Corporate Solution Provider	Morgan
(DF)		Advisory Board	Denise
(DLF)		Founding General Member	Chris K Denise
(DIN)			Denise Peter S

# WHY I LOVE MY JOB



Prague - OSS Summit



Orlando - OSPO team



San Francisco - Red Hat Summit



Paris - OSI Board



Boston - Red Hat Summit



Red Hat



Brussels - FOSDEM

## Resources for University Faculty and Students

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- Community for Educators, including Open Source Curriculum Teaching Open Source - <http://teachingopensource.org/>
- Example of a University OSPO - Johns Hopkins University - <https://blogs.library.jhu.edu/2020/12/hopkins-ospo-featured-on-impactful-open-source-podcast/>
- You can also find a full presentation on universities and open source <https://www.slideshare.net/debbryant/higher-education-in-the-open-source-ecosystem>
- Look for student groups like [LinuxChix](#), and industry-sponsored groups like [Google Summer of Code](#) and [Mozilla Campus Clubs](#) (varies by location)
- For examples of using open source projects as teaching platforms, you can also find a full presentation on universities and open source <https://www.slideshare.net/debbryant/higher-education-in-the-open-source-ecosystem>

## Ideas for how to get started

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- Think about areas you are passionate about, or might be in your job future and search GitHub
- Attend some open source users groups / meet-ups and talk to others about what they're working on
- Remember it doesn't have to be code - documentation, promotion, design, organizing events - these are a good way to get to know a community project and contribute.
- Look for projects that have a code of conduct, good documentation and on-boarding materials, and a welcoming culture.
- Red Hat recently launched ContributorLink to introduce projects looking for new contributors - it's just getting started but you can submit your interest now  
<https://contributor.link/>

## Why/When/Where/How OSPOs?

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- Some OSPOs simply start with a single person responsible for the company's effort to increase their participation in open source. A successful start usually includes
  - A very clear reason the company wants to do more open source
  - An idea of where the OSPO's goals tie into the company's more general strategies and plans
  - A strong business advocate / influential manager to advocate for the OSPO
- Increasingly you'll see them in large and medium size companies.  
<https://www.redhat.com/en/blog/what-does-open-source-program-office-do>
- There is now a newer trend in OSPOs in the public and academic sectors.  
session at Open Forum Europe on "OSPOs Everywhere" <https://youtu.be/nRohU4LxO-E>

# Thank you

**Deborah Bryant**

Senior Director, Open Source Program Office

Office of the CTO, Red Hat

[dbryant@redhat.com](mailto:dbryant@redhat.com)

Twitter: @debbryant



[linkedin.com/company/red-hat](https://linkedin.com/company/red-hat)



[youtube.com/c/RedHatCommunity](https://youtube.com/c/RedHatCommunity)



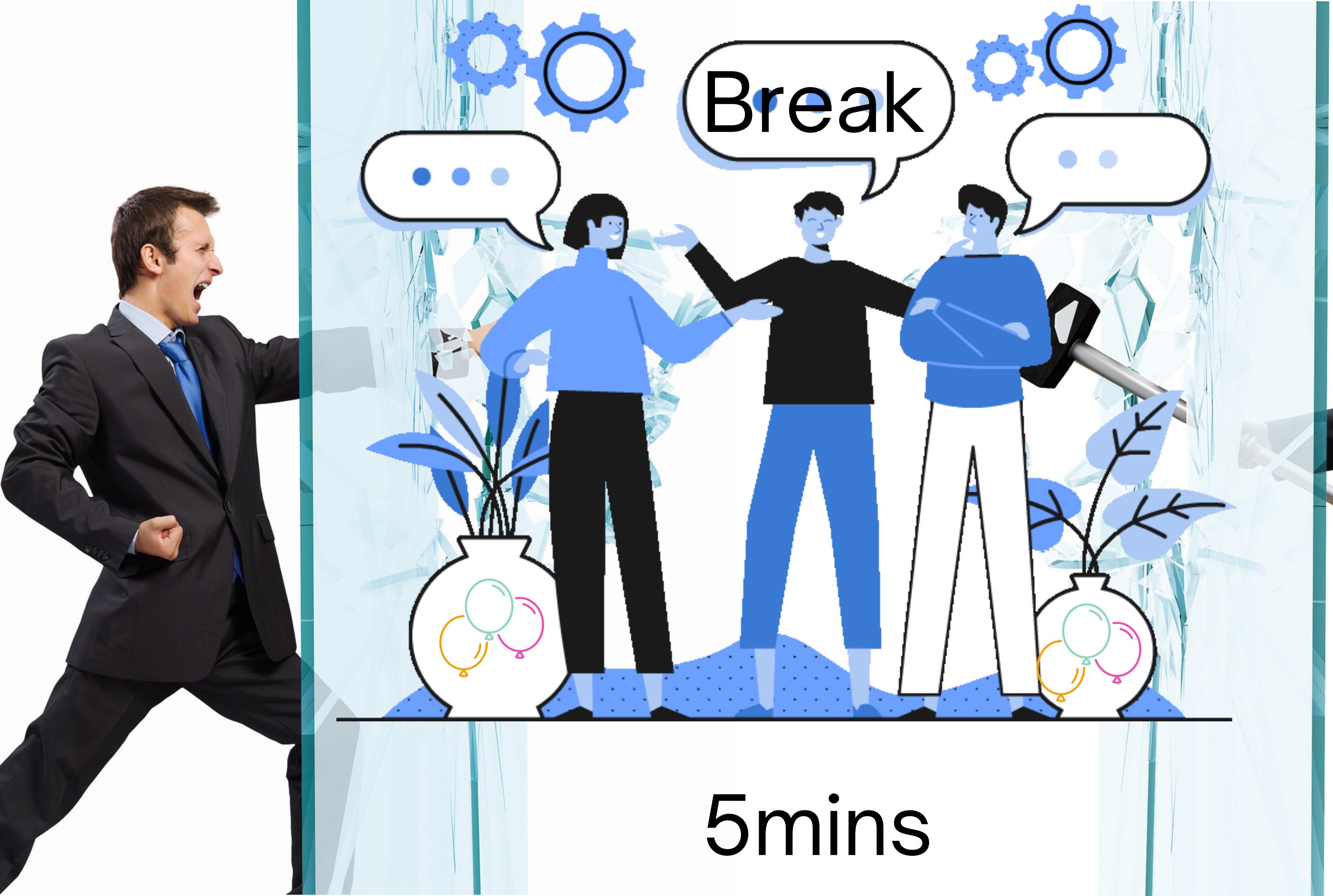
[facebook.com/redhatopen](https://facebook.com/redhatopen)



[twitter.com/redhatopen](https://twitter.com/redhatopen)

# Q&A | Discussion

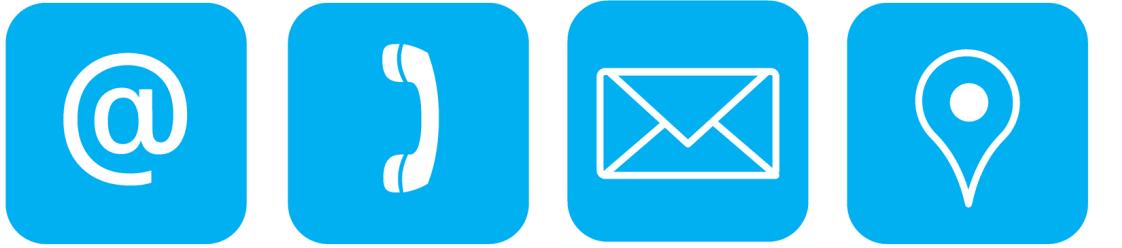




5mins

# Wrap Up

HOWTO



## Remember!

- Re-Search
- Be short and clear
- Re-mind
- Q&A over Slack

Linkedin: @opengovernment



# Deborah Bryant



**Join Us!**

**HTTPS://GOUPAZ.COM**

**HTTPS://METABOB.COM**

**1 Community Managers**

**2 Tech Writers**

**3 In/Out Ambassadors**

**4 Marketing Creators & Editors**

**5 Course Creators**

**6 Project Creators**

# Thank You

## Culture

#egoless #collaborative #competent #decentralized #scalable #fun

## Open source

#creator #contributor

## Diversity

#age #gender #location #economics #religion #politicalview

How can we do  
better?