



Red Hat

RED HAT FORUM | September 10 2019

**Open Source Enablement - How to Establish a
Community**

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Codrin Bucur | Principal Architect Consulting | Red Hat

Introductions



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Open Source Enablement

How to Establish a Community

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What we'll be discussing today: OS communities

@Baloise

What?

Why?

@RedHat

OS

Enable!

@Baloise

How?

now++?

@Baloise what & why?

Solutions, Libraries,
Frameworks

github.com/baloise

Workshops, Talks,
Communities



Baloise Group
Aeschengraben 21, 4002 Basel, Switzerland | <https://baloise.github.io> | Group.CH_Open-Source@baloise.ch

Repositories 67 | Packages | People 86 | Teams 6 | Projects 3 | Settings

Pinned repositories

Customize pinned repositories

rocket-chat-rest-client
Java REST client API for Rocket.Chat
Java ★ 28 🍴 22

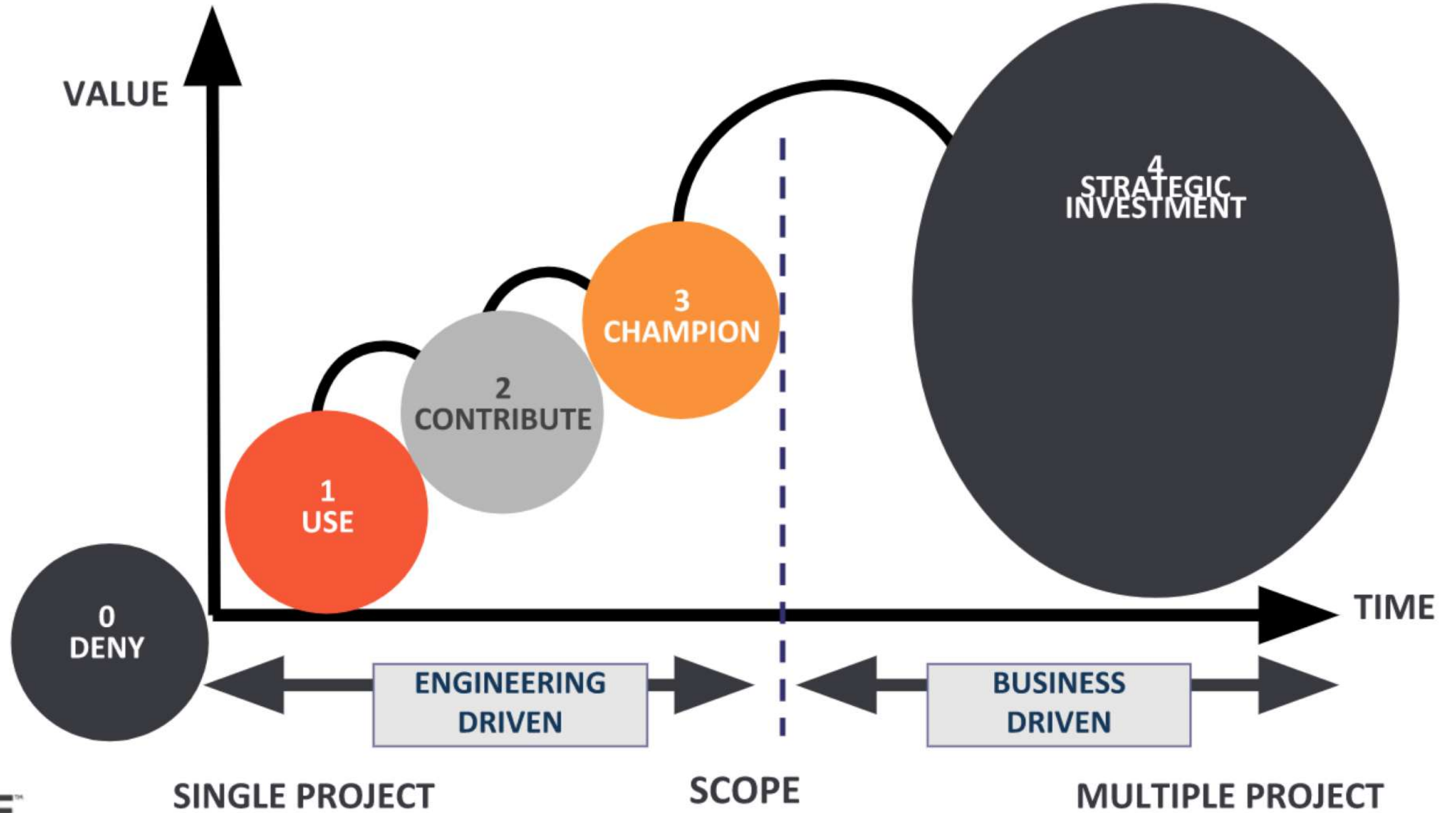
rocket-chat-notifier
Rocket Chat Notification Plugin for Jenkins
Java ★ 12 🍴 39

open-source
Open Source @ Baloise
★ 12

ws-angular_slides
Mono repository for the angular workshop slides
JavaScript ★ 5 🍴 5

dashboard-plus
A traffic light macro for Atlassian Confluence
Java ★ 4 🍴 7

EVA
Dieses Tool wird ab Sommer 2018 produktiv in der Baloise zur Berechnung des Leistungslohns der Lehrlinge im KV und der IT verwendet (Unter dem Namen Cash-Calculator). Dazu werden verschiedene Fakto...
PHP ★ 3



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share economy
(costs)

awareness

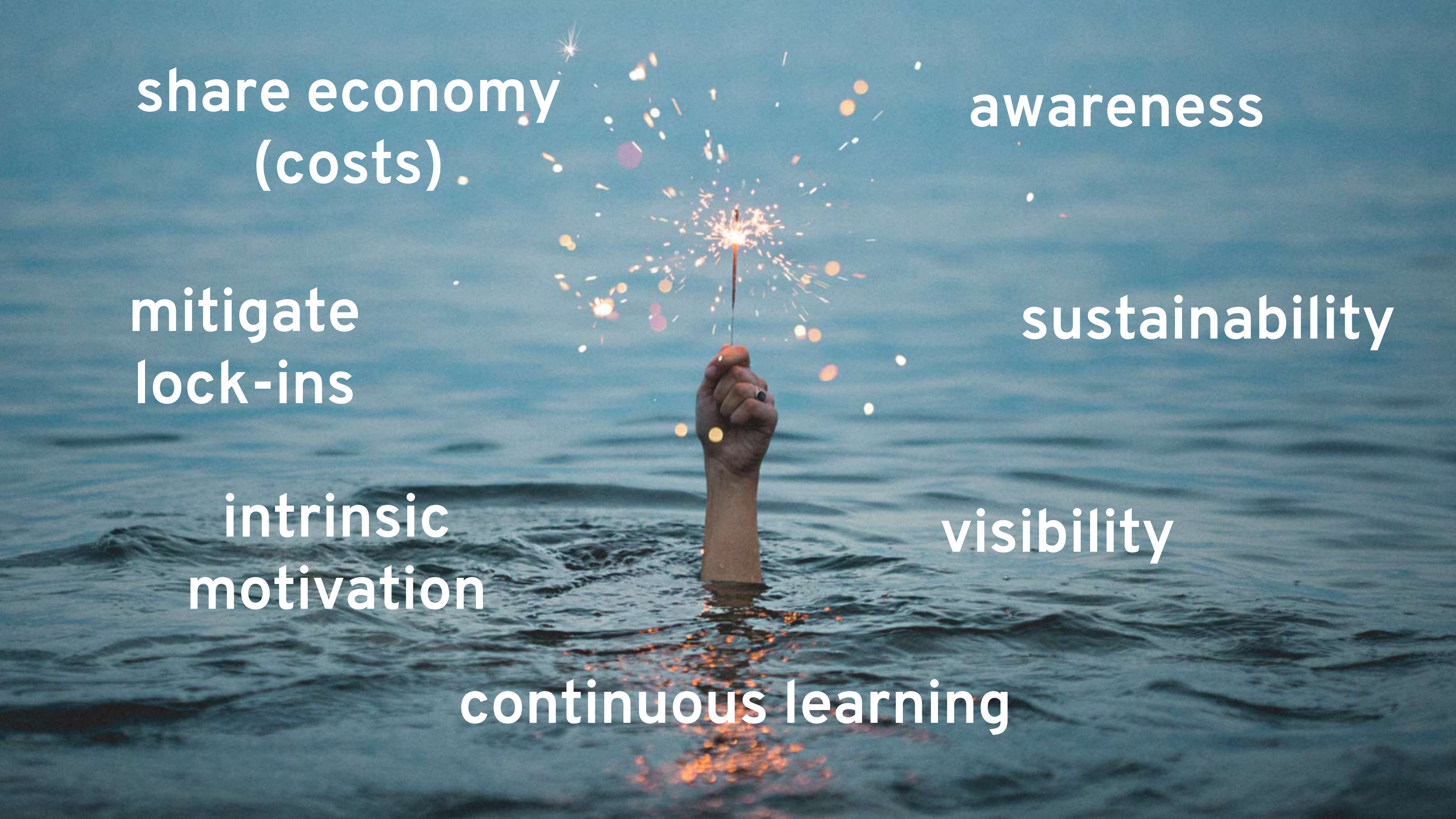
mitigate
lock-ins

sustainability

intrinsic
motivation

visibility

continuous learning



Red Hat and Open Source

From Community To Enterprise



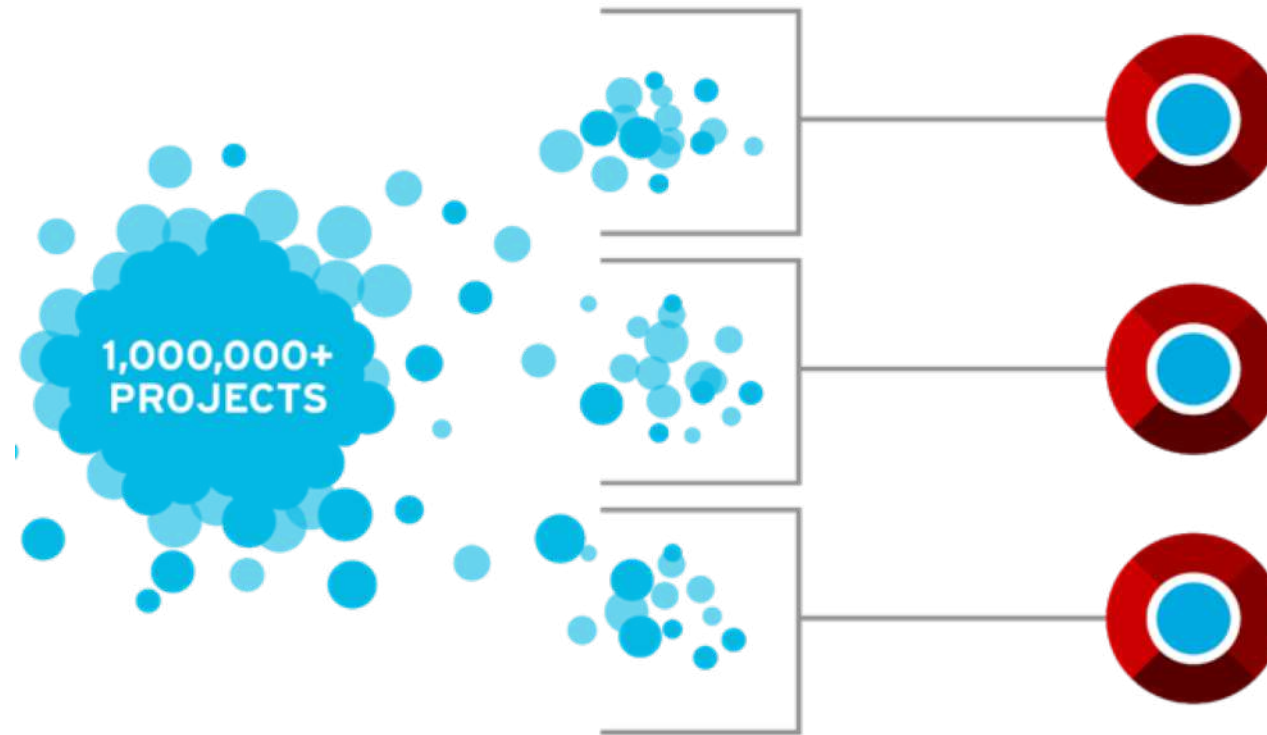
Red Hat Product Development Model

Participate, Integrate and Stabilise

PARTICIPATE

1

We participate in and create community-powered upstream projects.



INTEGRATE

2

We integrate upstream projects, fostering open community platforms.

3

STABILIZE

We stabilize & commercialize these platforms, including a rich ecosystem of services & certifications.

How does Red Hat work with Communities?



Via dedicated team: Open Source & Standards Team (OSAS)

- **Mission: To make our upstream communities and standards wildly successful**
- **Community Leadership Team** (Marketing & Outreach) - events, governance...
- **Community Leads Team** (Hands-on Community + Best Practices) - upstream health/success, represent RH...
- **Community Infrastructure Team** (eg Community cage)
- **Standards & Industry Membership** (administered Red Hat wide) - eg Eclipse Foundation, FINOS, OpenStack, The Linux Foundation...
- **Executive Practice** (extending open source expertise to our customers) - integrate open source principles in business models (eg open source basics, building a community & converting proprietary products), education on open source licenses, whitepapers...

Open Source Enablement by Red Hat Consulting

Open Source Enablement Offering by Red Hat Consulting

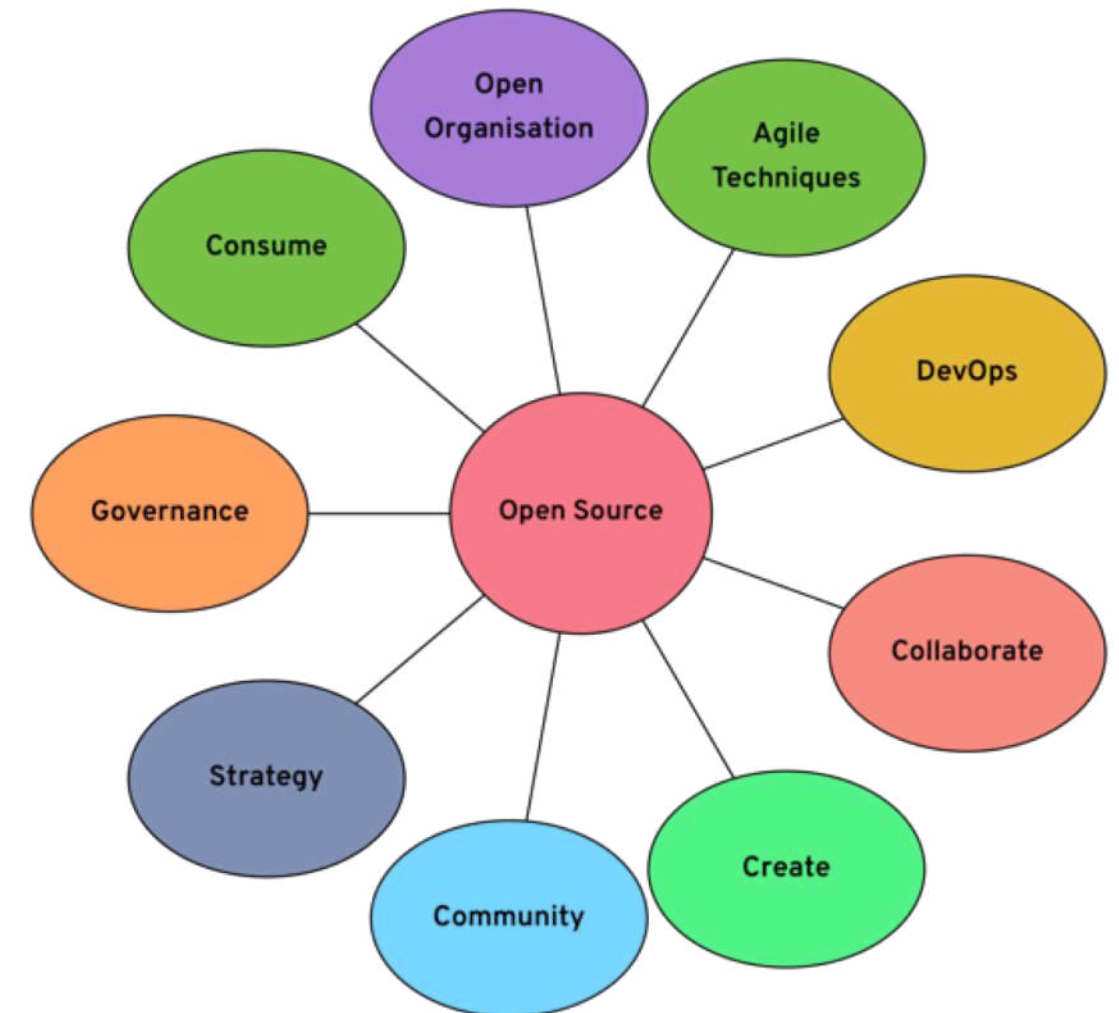
- Provides **guidance and advice** to customers who wish to **embrace Open Source** in their Digital Transformation journey.
- Aims to assess the **Open Source readiness** of the customer.
- Covers the main areas of **governance, strategy and best practices** for enterprise organisations who wish to adopt Open Source software and **principles**.



Open Source Discovery Workshop

Agenda

- Introductions & Objectives
- Red Hat & Open Source
- The Red Hat Open Source Model
- Open Source Licensing
- Customer Open Source Strategy
- Landscape of proposed application(s) to be Open Sourced (if relevant)
- Identify stakeholders and schedule for individual workshops



Topics Red Hat Can Address

Open Source 101

- What is OSS & why does it matter?
- How participating in OSS can help you meet business objectives
- Basics of open source licensing
- Cross-business impact of open source
- The Open Source Way and how it can guide Digital Transformation efforts

Getting Started Topics

- Establishing an open source strategy
- What is an open source programs office and do you need one?
- Governance models for open source projects
- Choosing a license
- Managing risks of publishing and participating in open source
- Software foundations

Internal Community Management

- Managing new expectations when participating in open source development: from software engineers to Exec Leadership
- Culture change: helping engineers become comfortable with open source software practice
- Stakeholder reviews
- Creating an effective open source training program for your employees

Topics Red Hat Can Address (cont'd.)

External Community Management Topics

- Establishing & growing your community
- Finding and onboarding new contributors
- Metrics for measuring community success
- Improving the Project/Product relationship
- Tools for collaboration
- Organizing events & participating in conferences

Software Engineering Topics

- Source control: to GitHub or not to GitHub?
- Building a project roadmap
- Software development methodologies
- Release management
- Bugs & Issue Triage: reporting, prioritizing, won't fix and more
- Collaborating with competitors

Case Studies: OSS in Action

- OpenStack: 2 to 500 constituent companies in less than 8 years
- Joyent, RedisLabs, and Other Stories: Avoiding common pitfalls that lead to bad press
- Open Source in the Public Sector

Open Source Maturity Assessment

A Simple tool provide a high level overview on where your organisation stands regarding the use of Open Source software and associated practices.

- Areas of Interest
- General Knowledge of Open Source
- Development Standards and Tools
- Community Participation
- Governance & Legal Policies
- Senior Management Support

Output: a better understanding of business goals within your organisation, regarding Open Source software and methodologies, and recommendations of next steps.

Open Source Maturity Assessment

Open Source Maturity Assessment

Which of these are the highest priority for your organisation?

◀ Low Priority (0) ▶ High Priority (5)

Consuming Open Source software

Collaborate with Open Source communities

Creating Open Source projects

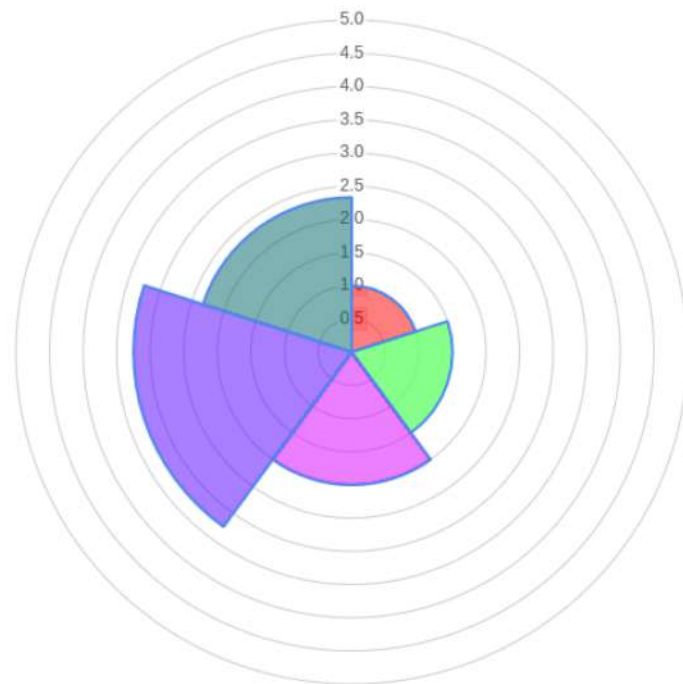
Understanding Open Source Strategy and Governance

Previous Next



Open Source Maturity Assessment

Open Source Maturity Assessment for ChrisJ Inc



■ General
 ■ Standards and Tools
 ■ Upstream Participation
 ■ Legal & Governance
 ■ Management Support

Overall Rating

Developing Shortfalls in governance practices have been identified and initial steps have been taken to rectify them. There is significant room for improvement.

Area	Score	Comments	Actions
General	1 (1)	Very limited open source adoption (< 10% of new projects). No formal policies on usage, or policies that discourage adoption.	Work to produce a strategic business case for the use of open source.
Standards and Tools	2 (1.5)	Peer reviews and agile development processes on an ad-hoc basis (10% - 25% of new projects). Inner source communities contemplated but not implemented. No formal policy on OSS development tools.	Promote agile processes and work towards a DevOps environment
Upstream Participation	2 (2)	Limited horizontal community participation on an individual basis and primarily in support roles (i.e. testing, documentation, etc.). No formal corporate guidelines on participation.	Define a policy which enables associates to work with upstream communities and start reaching out to upstream communities with a view of joining
Legal and Governance	3 (3.25)	Formal OSS governance & legal policies in place. Legal counsel actively involved in setting clear guidelines for OSS usage, adoption, and community participation that are generally supportive of OSS.	-
Management Support	2 (2.33)	Senior management aware of OSS adoption and community participation but has a neutral outlook.	Work with senior managers to provide education to other areas of the organisation to promote open source adoption

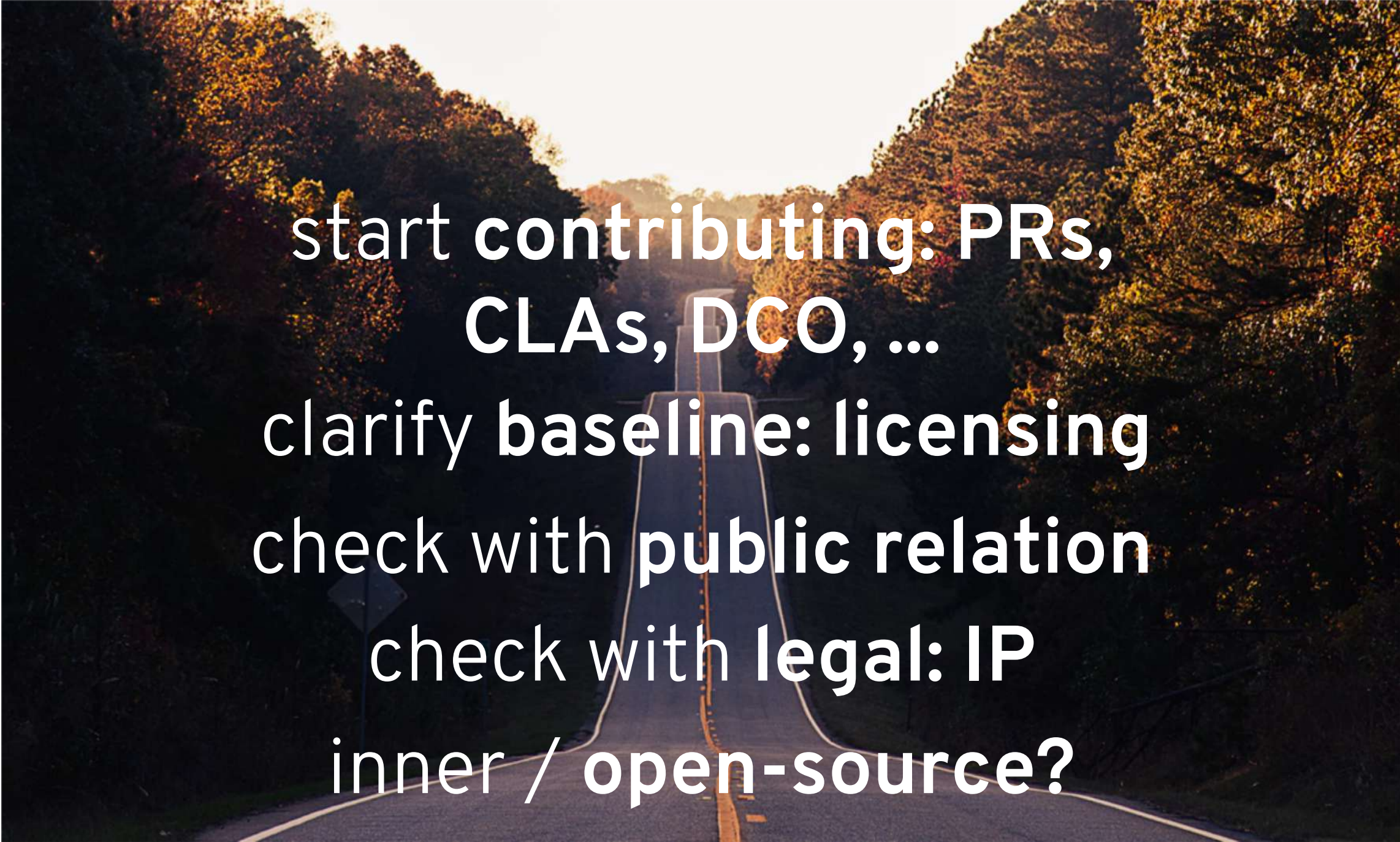


Enable Open-Source Culture - How?

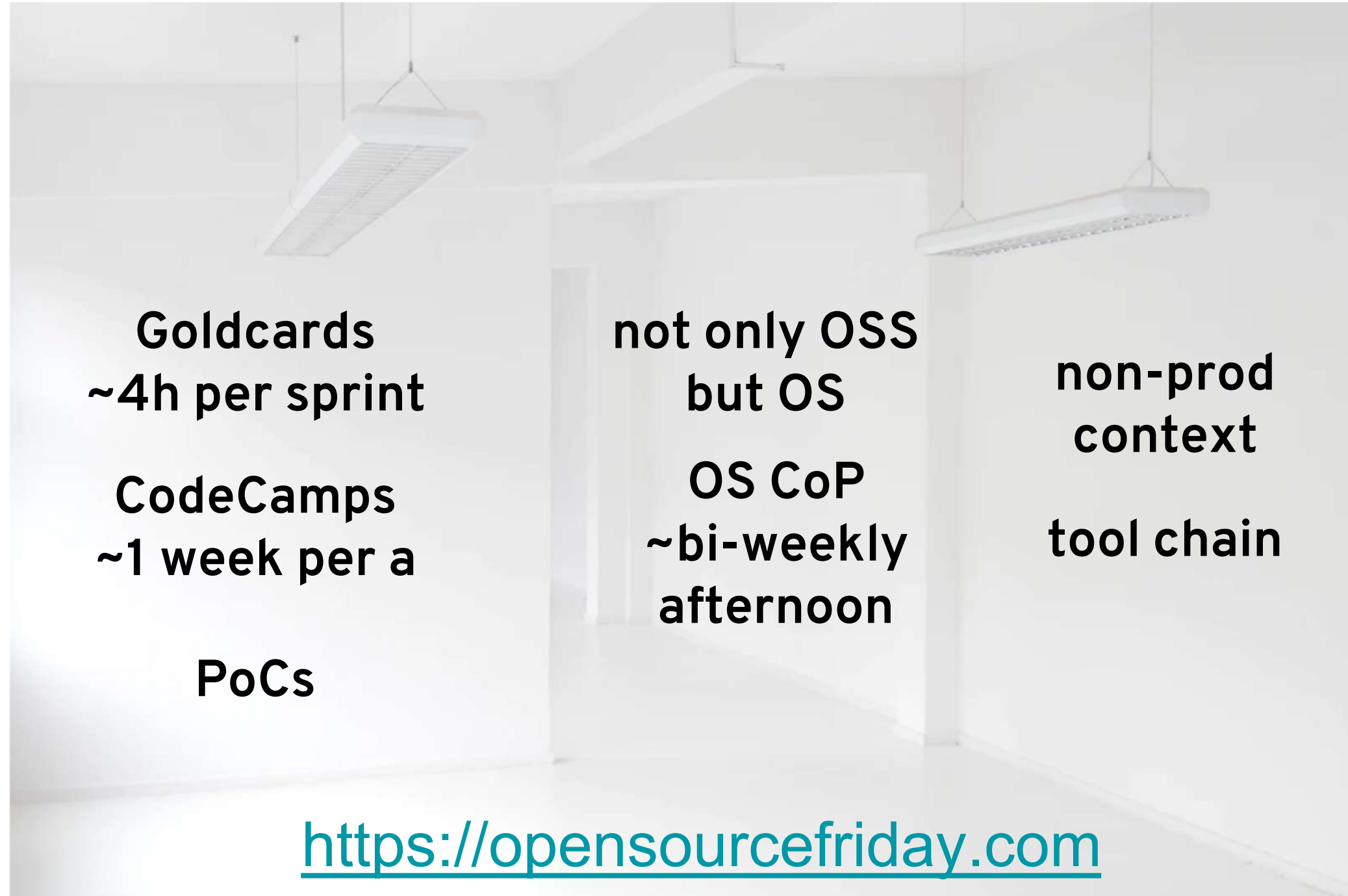
@Baloise Group

2014 - 2019





start contributing: PRs,
CLAs, DCO, ...
clarify baseline: licensing
check with public relation
check with legal: IP
inner / open-source?







start champion - **being consumed**

dog feeding - use
marketplaces

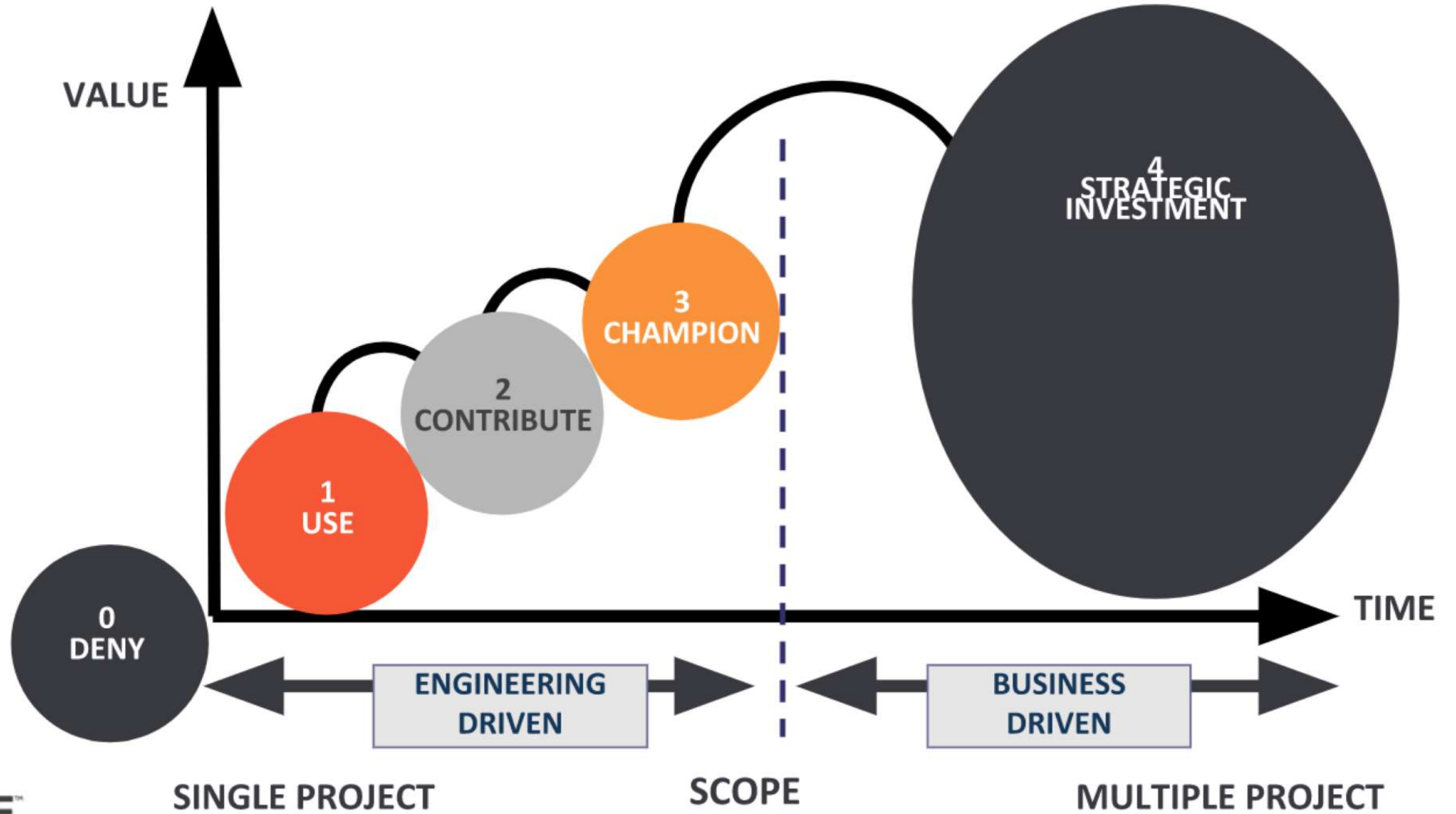
clear benefit



being consumed
be(come) a cook
follow guidelines
list ingredients

@Open-Insurance

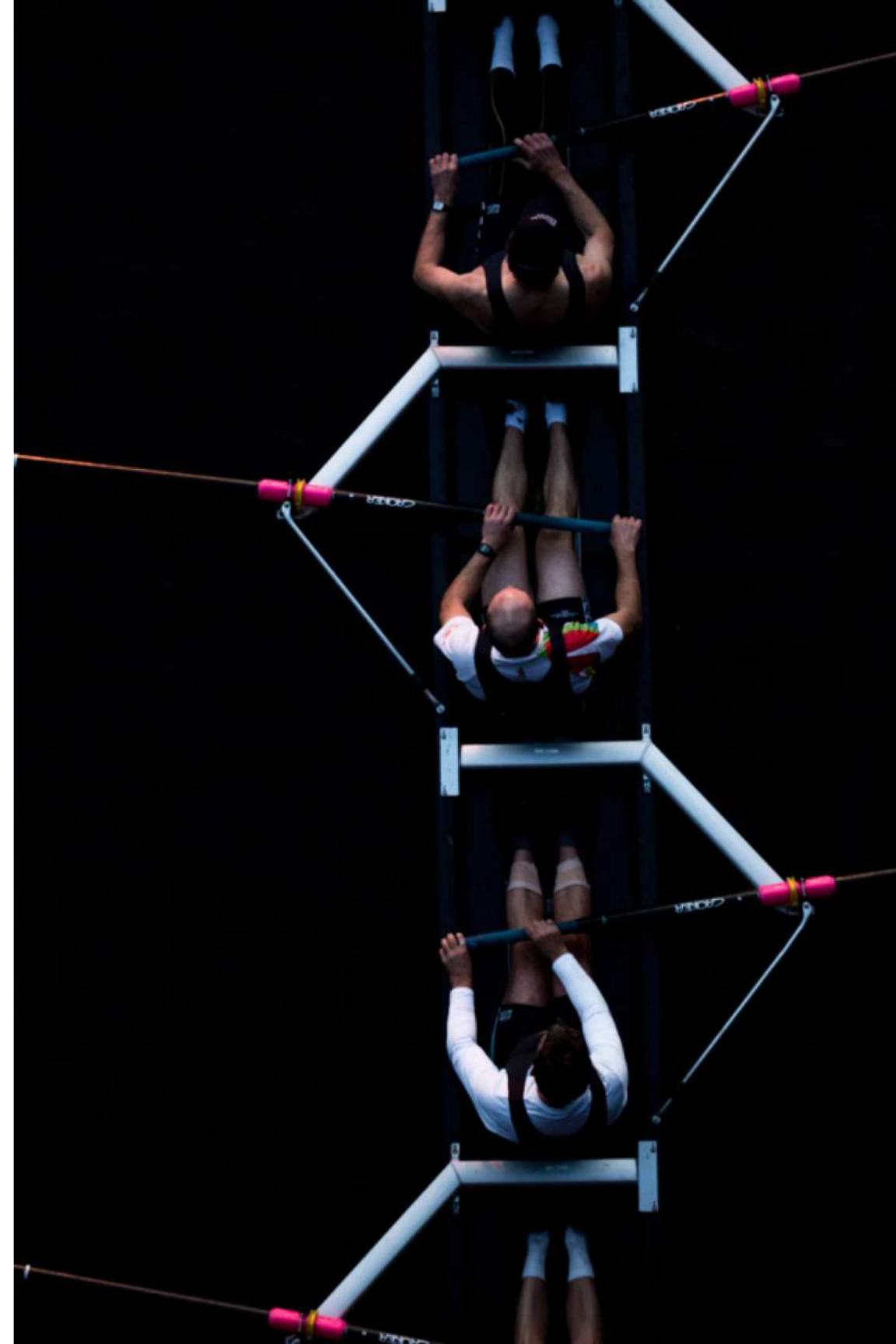
Open Source in Insurance - next++?



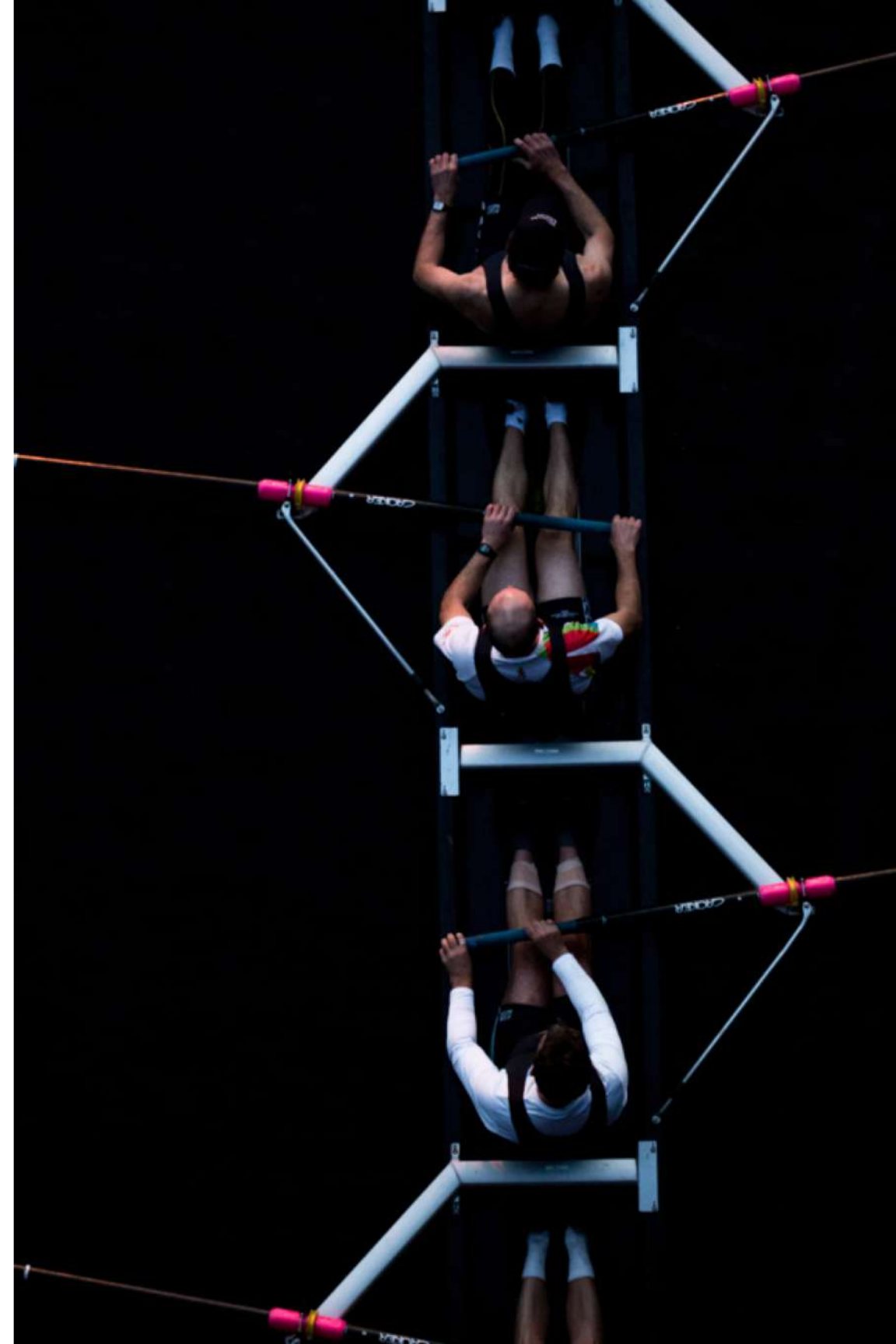
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<https://open-insurance.org>



Open-Insurance Day - 02 @baloise on 21.11.2019



Resources

Resources

- Images used from unsplash.com
 - <https://unsplash.com/collections/8581017/2019-rh-forum-zh>
- <https://github.com/baloise/open-source#our-activities>
- [ERNST & YOUNG, 2011](#)
 - [Open source software in business-critical environments](#)

Q & A

Open Source Enablement

How to Establish a Community

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Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.



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**Kubernetes & OpenShift: Future of serverless
event-driven architecture**

Burr Sutter | Director Developer Experience | Red Hat