OSPO key role for organizations and OSS projects

Southern California Linux Expo (SCaLE) 18x

March, 7th, 2020

Pasadena (CA)

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"Software is eating the world"

Marc Andreessen

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Open Source is eating the Software World

"By 2022, over **half of the code in 75% of new apps will be from external sources**. The need to improve developer productivity is driving the use of open source and commercial code repositories"

IDC | ANALYZE THE FUTURE

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Inbound & Outbound Open Source

inbound

Consume open source projects

Inbound & Outbound Open Source
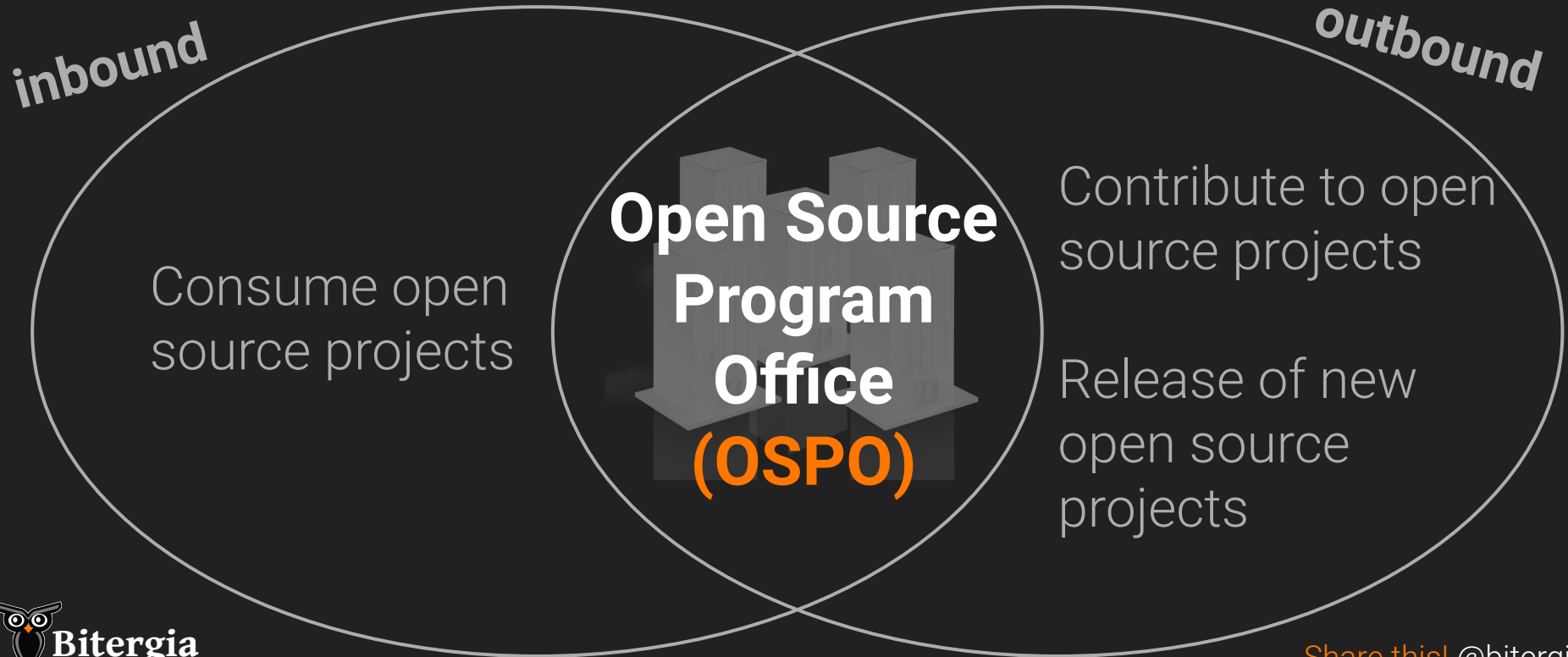
inbound

outbound

Consume open source projects

Contribute to open source projects

Release of new open source projects

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OSPO (Open Source Program Office) role

Consume open source projects

Open Source Program Office (OSPO)

Contribute to open source projects

Release of new open source projects

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OSPO (Open Source Program Office) role

The rangers in the organization's open source software (OSS) ecosystem

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OSPO ~~pain points~~ tasks

Consuming OSS

LICENSES COMPLIANCE

PROJECTS HEALTH

SECURITY FLAWS

TALENT ATTRACTION

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OSPO ~~pain points~~ tasks

Consuming OSS

Contributing to OSS

LICENSES **COMPLIANCE**

PROJECTS **HEALTH**

SECURITY FLAWS

TALENT ATTRACTION

LEADERSHIP AND FOOTPRINT

IP **COMPLIANCE**

TALENT RETENTION

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OSPO ~~pain points~~ tasks

Consuming OSS

Contributing to OSS

Releasing & Maintaining OSS

LICENSES **COMPLIANCE**
PROJECTS **HEALTH**
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TALENT ATTRACTION

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OSPO ~~pain points~~ tasks

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How to manage an OSPO?

todogroup.org

chaoss.community

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Inbound & Outbound Strategies

Inbound & Outbound Questions

From the inbound point of view:

Which projects are we using in our organization?

What's the health of those projects?

Who are they key people in those projects?

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Inbound & Outbound Questions

From the inbound point of view:

Which projects are we using in our organization?

What's the health of those projects?

Who are they key people in those projects?

From the outbound point of view:

Which projects are we contributing from our organization?

Which projects are we releasing?

How are we dealing with community contributions?

Who are the key contributors?

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"Without data, you are just a person with an opinion"

William Edwards Deming

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OSS Health?

Check out CHAOSS Metrics

chaoss.community/metrics

CHAOSS Metrics

Release 202001

Released metrics are only a subset of metric ideas that are being developed. If you would like to learn more and discuss different metrics please visit the working group repositories. The metrics are sorted into Focus Areas. CHAOSS uses a Goal-Question-Metric format to present metrics. Individual metrics are released based on identified goals and questions. The metrics include a detail page with definitions, objectives, and examples.

Focus Areas by Working Group

Common Metrics WG

- When: Time
- Who: People

Diversity and Inclusion WG

- Event Diversity
- Governance
- Leadership

Evolution WG

- Code Development Activity
- Code Development Efficiency
- Code Development Process Quality
- Issue Resolution
- Community Growth

Risk WG

- Business Risk
- Code Quality
- Licensing
- Security

Value WG

- Ecosystem Value
- Labor Investment
- Living Wage

Important Dates for Release 202001

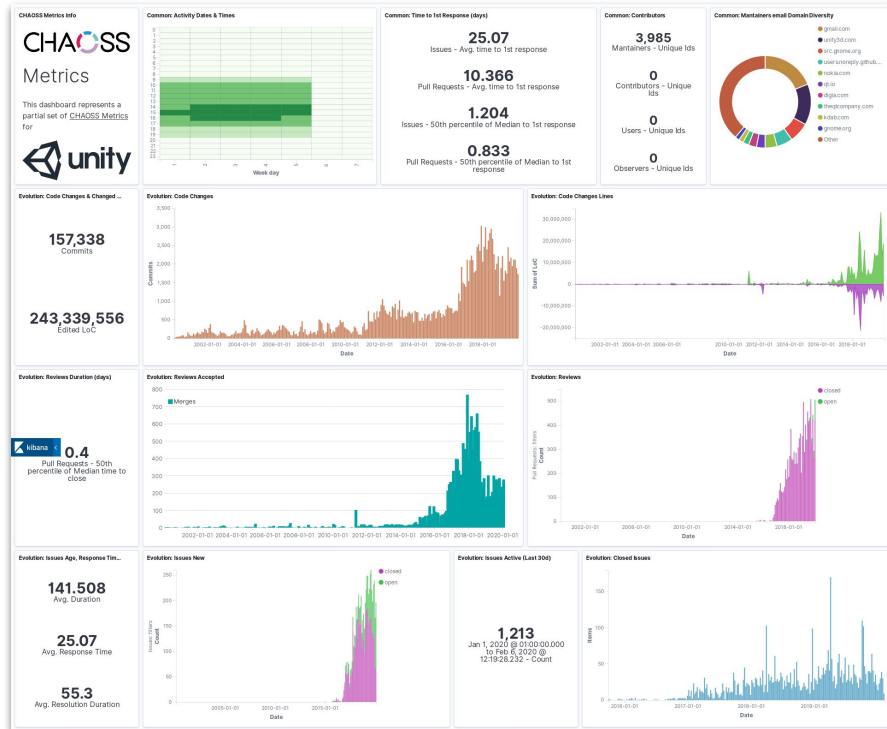Release Freeze: January 1st, 2020
Candidate Release: January 24th, 2020
Public Comment Period: January 1st, 2020 to January 24th, 2020
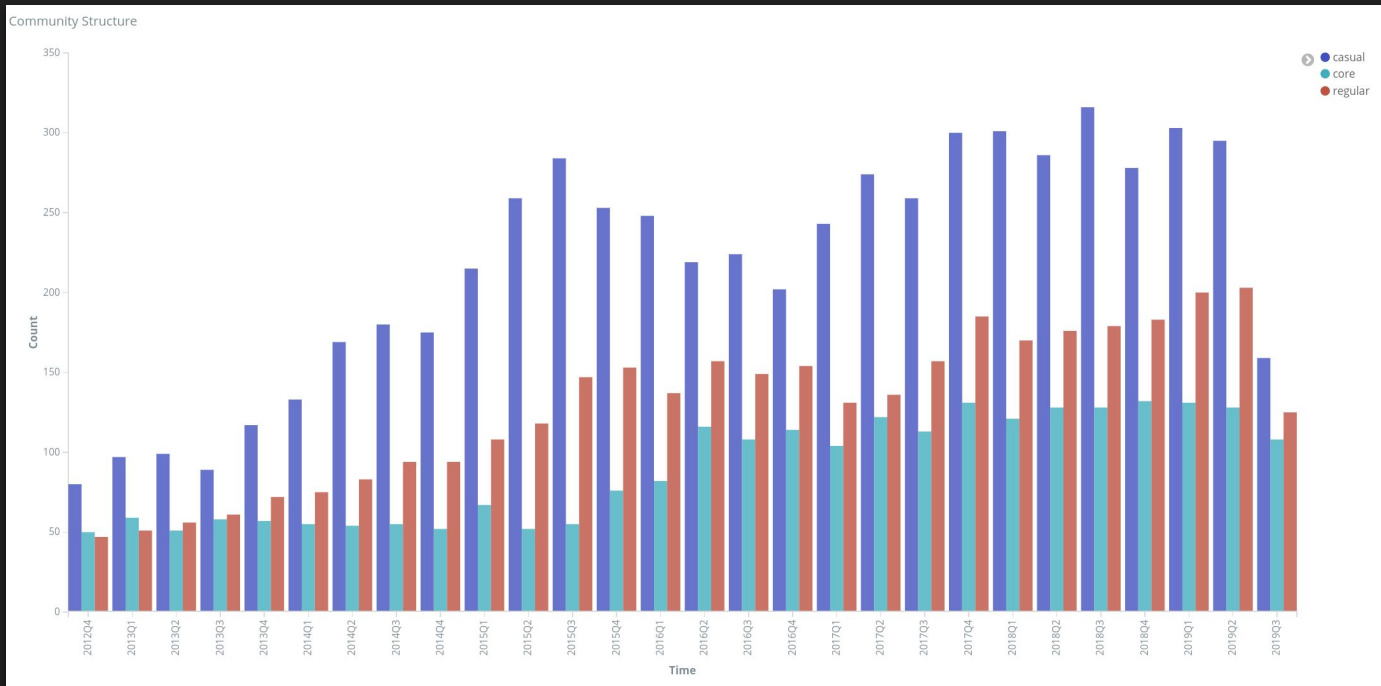Metrics Release Date: January 31st, 2020
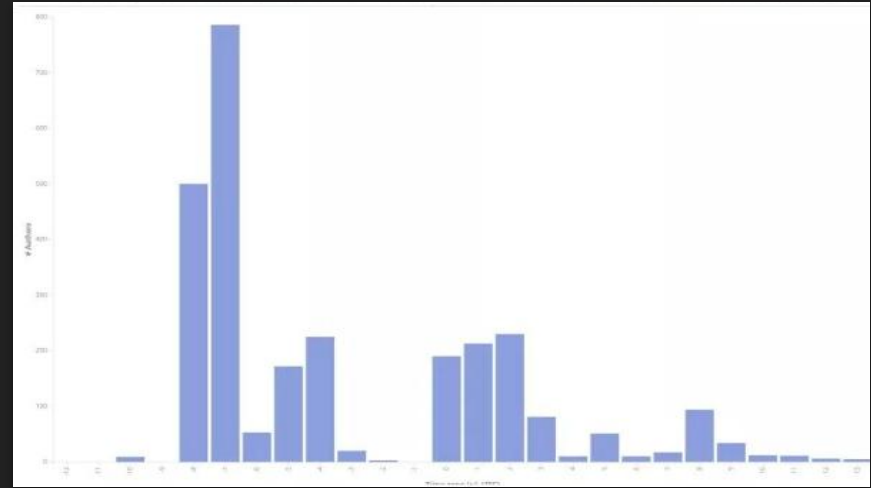
Download a PDF of the 202001 Release

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OSS Health?

Check out CHAOSS Metrics
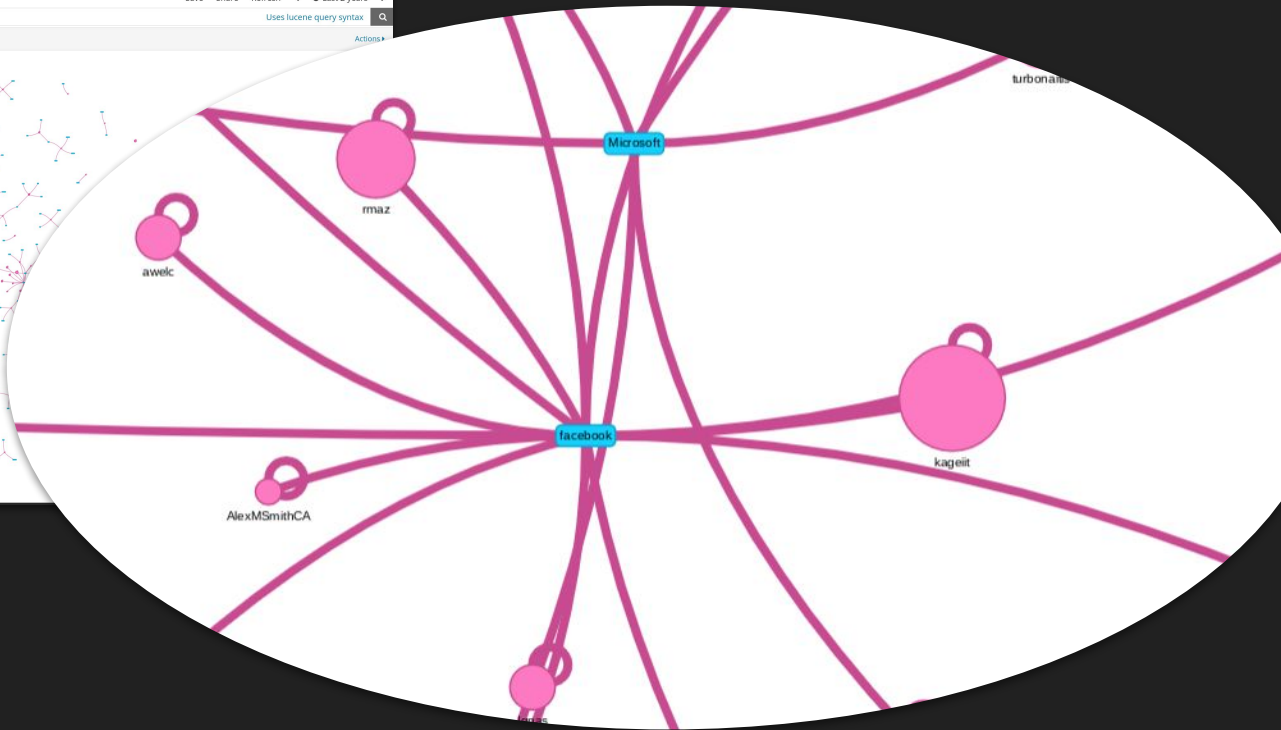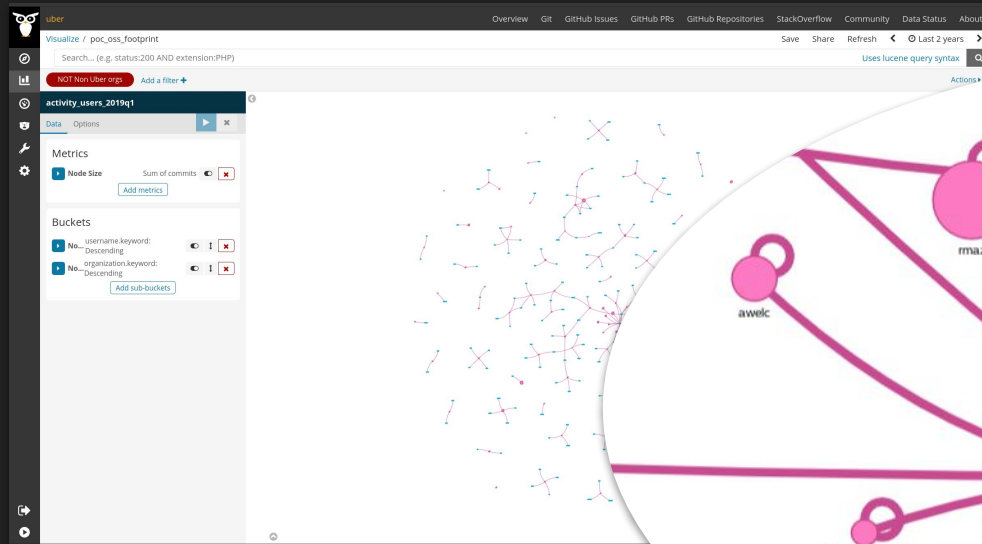
cauldron.io

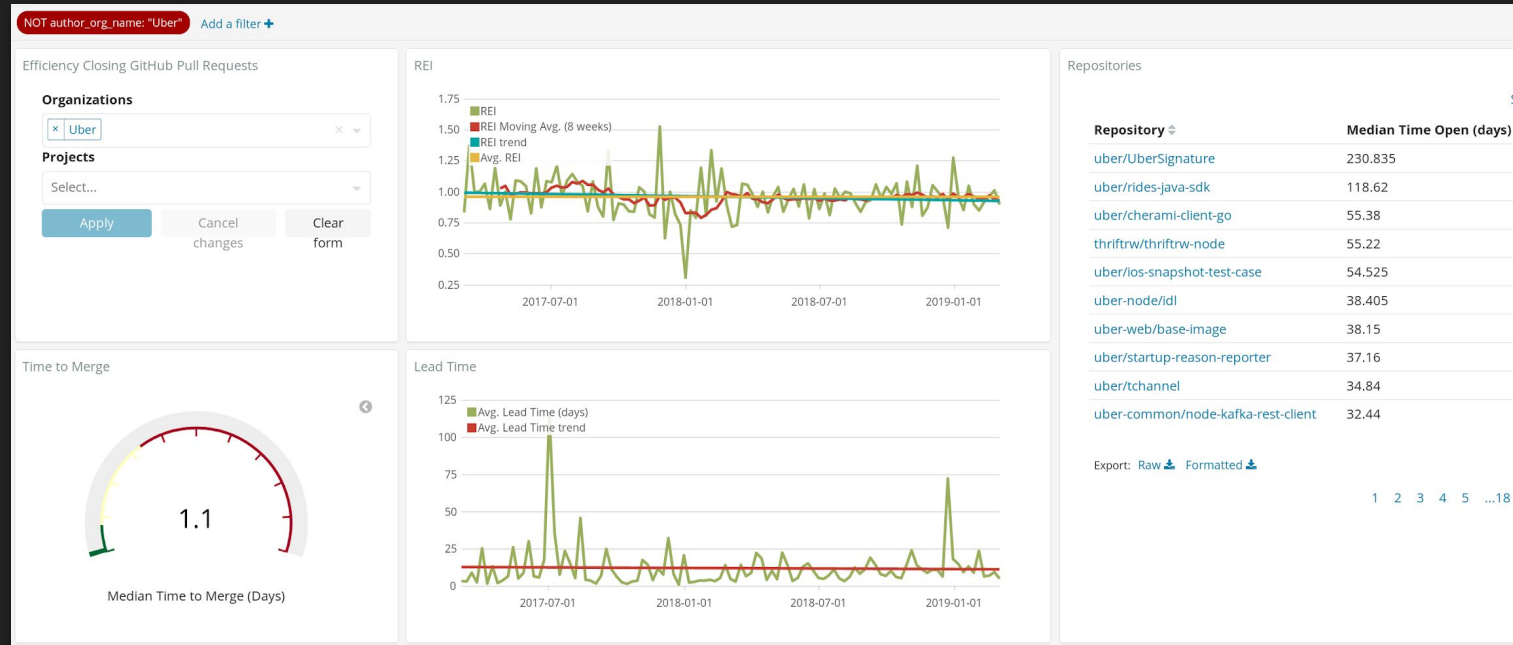Bitergia

Who are the core maintainers?

Where are things happening?

What is our open source network?

How are we dealing with contributions?

Consumers vs Maintainers

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Consuming open source software without care

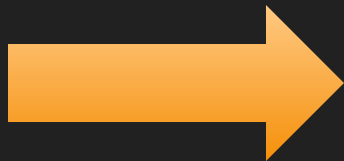# From Consumers to Contributors

Users:

Submitting issues

Asking questions

From Consumers to Contributors

Users:

Submitting issues

Asking questions

Contributors:

Solving issues

Answering questions

Sending patches

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Multiple Options

Business

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Multiple Options

Business

Foundations

TIDELIFT

open collective

software freedom
conservancy

COMMUNITYBRIDGE

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Multiple Options

Business

Foundations

Your own OSS funding initiative

TIDELIFT

open collective

software freedom
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COMMUNITYBRIDGE

indeed®

salesforce

Multiple Options

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Gig Development?

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Multiple Options

And last, but not least, there might be companies providing consulting, customization, and/or support services on open source projects…

Avoid the "not invented here" syndrome

Go and hire them!

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Some Final Remarks

Final remarks

Managing the relationship with an open source software (OSS) ecosystem requires knowledge about diverse topics

An OSS ecosystem is not just assets and resources. At the end of the chain it is people

There are open source tools and organizations to help understand OSS ecosystems

Don't ignore your OSS ecosystem. Your sustainability and growth depends on it

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Let's go for questions

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About Bitergia

We help companies and organizations to understand the software development projects that matter to them

bitergia.com | info@bitergia.com

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