Together: Better, Stronger, Faster

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Aug 10, 2023

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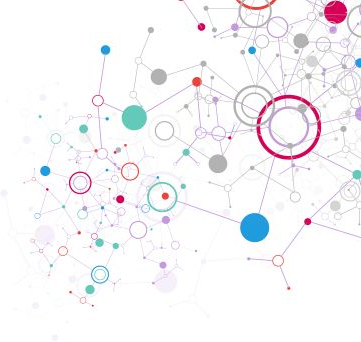
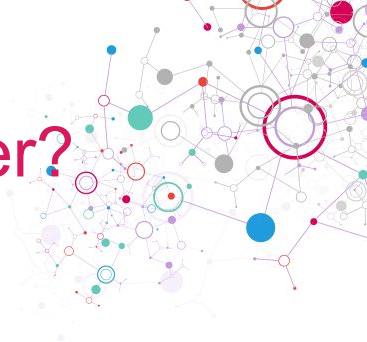
Agenda



1. Community Health
2. CHAOSS
3. Metrics Journey
4. Diversity, Equity, and Inclusion

What is community health and why does it matter?



Definition: Potential to continue developing quality software.

Health:

- Code
- Community
- Resources

Stakeholders care:

- Users
- Organizations
- Communities
- Foundations
- Researchers

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The “super expert” is rare

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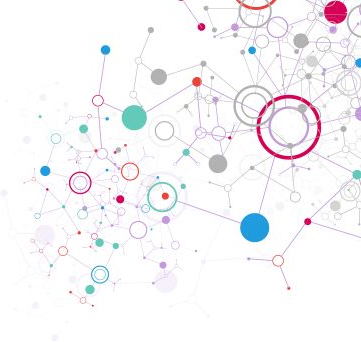
TOGETHR: CHAOSS Community

Mission: Create analytics and metrics to help define community health

- LF project, founded 2017
- Group of industry professionals, academics, open source practitioners
- Platform for the open source ecosystem to come together

BETTER: CHAOSS Practices



- Analyze communities at scale through metrics
- Reduce bias in decision making
- Data-driven management
- Shared decision-making

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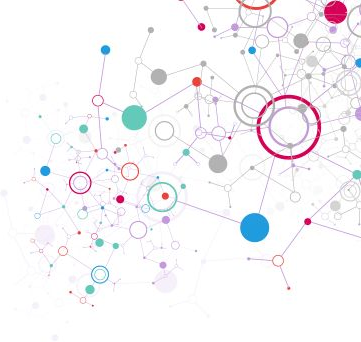
STRONGER: CHAOSS Metrics



Metrics WGs:

- Diversity, Equity, and Inclusion
- Common
- Metrics Model

Context WGs:

- App Ecosystem
- OSPO
- Science
- University
- Academic

Operations WGs:

- Communications
- Software
- CHAOSScon
- DEI Badging
- Website
- Design
- Newcomer Experience
- CHAOSScast

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FASTER: CHAOSS Software

- Collect data from communities
- Present metrics and analytics to users
- Trial new metric ideas and practices
- Professional usage by companies

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The CHAOSS Community: Better, Stronger, Faster

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CHAOSS lessons learned for starting a metrics journey

- Listen, by collecting everything
- Ask questions of the data to achieve your goals (GQM)
- Tell a story with the data
- Avoid gaming of metrics
- Value all contributions

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Microcks
1K followers
1mo ·

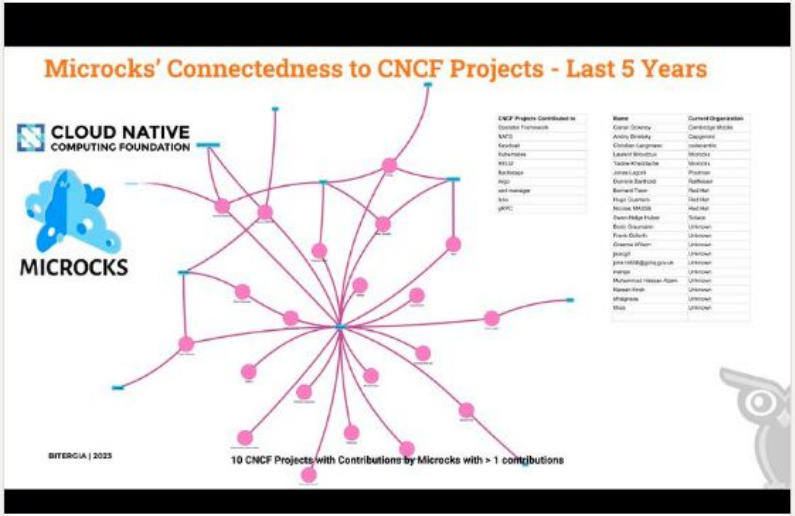
+ Follow ...

🏳️ We are delighted to have the support of friends and great companies like Bitergia to support our Sandbox Cloud Native Computing Foundation (CNCF) application. Kudos to Diane Mueller for a deep GitHub data analysis regarding Microcks and #CNCF Connectedness for the last five years! 🚀

See this great visual, that report 10 CNCF projects with #contributions by #Microcks 🙌

This analysis also reports (for the same period) some very cool metrics from our #community :
- 75 Unique Organizations with > 1 contribution
- 151 Participants without Affiliations (Individual contributors)

#opensource #api #apis #apimock #apitesting #developercommunity #kudos



You and 46 others

5 comments · 8 reposts

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CHAOSS resources to inspire your metrics journey

- CHAOSS podcast “CHAOSScast” is source of inspiration
- CHAOSS metrics can be building blocks
- CHAOSS software can be tooling
- CHAOSS community is your peer-group

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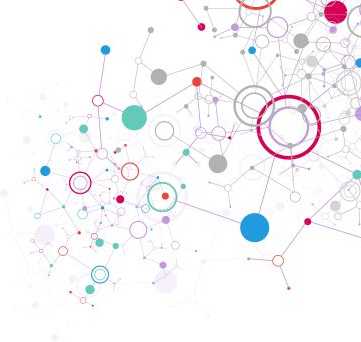
Metrics Models



- Collaboration Development Index
- Development Responsiveness
- DEI Event Badging
- Safety
- Community Activity
- Community Service and Support
- Project Engagement
- Funding
- Project Awareness
- Starter Project Health
- Community Safety

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Model: Starter Project Health
(abbreviated summary)

Why it Matters

A set of often-used metrics to get started.

User Stories

- OSPO: help improve health
- Contributor: invest time decision

Metrics in Mode

- Time to First Response
- Change Request Closure Ratio
- Bus Factor
- Release Frequency

Model: Community Safety
(abbreviated summary)

Why it Matters

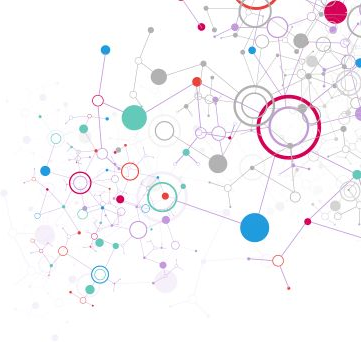
Systemic biases favor some people over others. Creating safe communities levels the playing field.

User Stories

- Non-profit: sponsorship decision
- Contributor: invest time decision
- Maintainer: track progress

Metrics in Mode

- Psychological Safety
- Project Code of Conduct
- Event Code of Conduct
- Inclusive Leadership
- Board/Council Diversity
- Burnout



Diversity, Equity, and Inclusion

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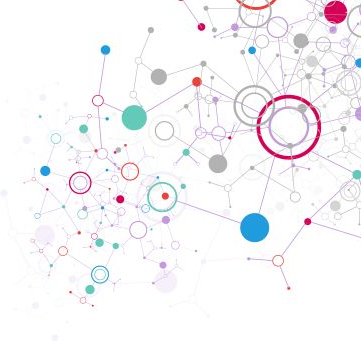
DEI and CHAOSS



- First Working Group in CHAOSS focused on DEI
- Definition of metrics but challenge to get adoption
- DEI Badging for Events and Projects
- Self-evaluation of DEI in CHAOSS
- Partner with All-In for Maintainers
- Define a DEI.md

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DEI.md

- Reflect on 4 CHAOSS DEI metrics -

- **Project Access**. To what extent does your project provide access and help those with various access needs?
- **Communication Transparency**. How transparent is project communication?
- **Newcomer Experience**. How well does an open source community attend to welcoming newcomers?
- **Inclusive Leadership**. How well is a project and community set up for diverse leadership?

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How to become involved with CHAOSS?

Listen to podcast “CHAOSScast” https://**podcast.**chaoss.community

Review metrics https://chaoss.community/**metrics**

Contribute to software https://chaoss.community/**software**

Getting Started page https://chaoss.community/**kb-getting-started/**

- Join Slack
- Participate in a Working Group or Chapter

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The CHAOSS Community: Better, Stronger, Faster

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