CHAOSS:
Community Health Analytics Open Source Software

https://chaoss.community/
https://github.com/chaoss
@CHAOSSproj

About Us

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A Brief History

- 59th Project at the Linux Foundation
- Focused on Project Health and Sustainability

Current Efforts in CHAOSS

- Metrics and Metrics Models
  - https://chaoss.community/kb-metrics-and-metrics-models/
- Software Development
- Community Building

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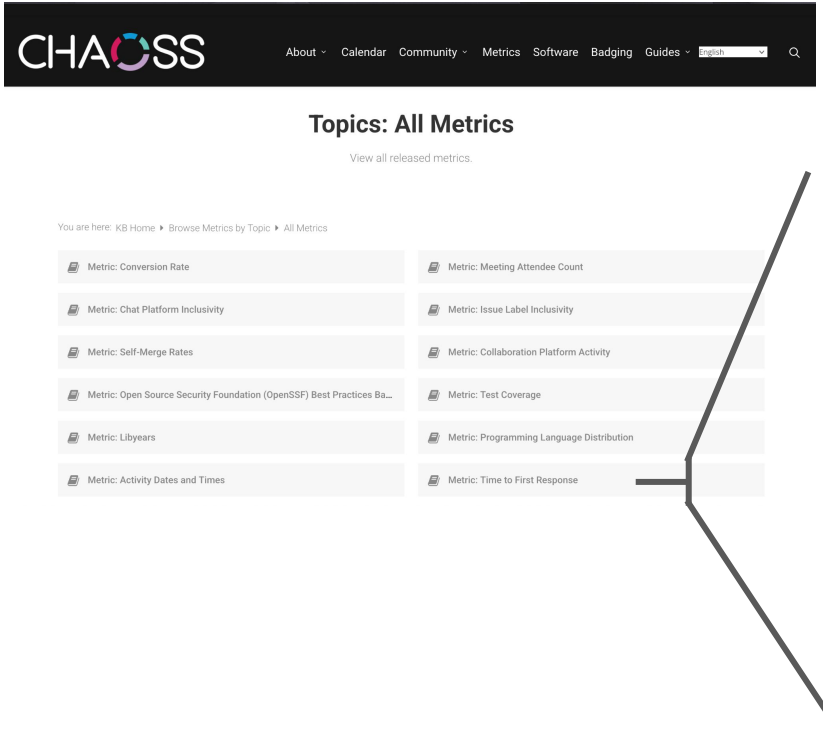
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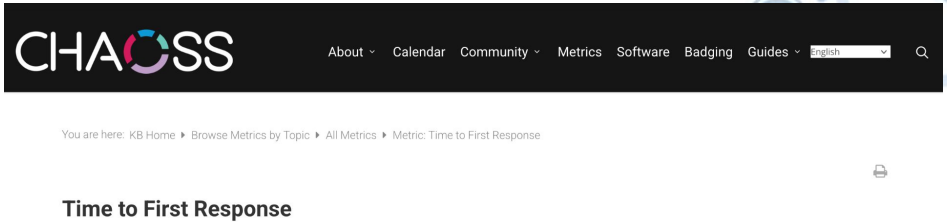
Metric: Activity Dates and Times
Metric: Meeting Attendee Count
Metric: Issue Label Inclusivity
Metric: Collaboration Platform Activity
Metric: Test Coverage
Metric: Programming Language Distribution
Metric: Time to First Response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Badging
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You are here: KB Home ▸ Browse Metrics by Topic ▸ All Metrics ▸ Metric: Time to First Response
Time to First Response
Question: How much time passes between when an activity requiring attention is created and the first response?
Overview
The time to first response measures how long it takes for a project or community member to respond to an activity that requires attention, such as a pull request, issue, or email. The first response is often crucial as it signals to contributors that the community is active and engaging. A long delay in response might indicate low community engagement, while a shorter response time can encourage more participation and foster a more active community.
Measuring this metric helps to understand the responsiveness of a project's community and its overall health. Timely responses can enhance the onboarding experience for new contributors and improve retention. Additionally, fast response times may indicate a higher level of collaboration and engagement in the project, making the project environment more inclusive and welcoming.
Want to Know More?

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Strategically: Metrics in Practice

Groups for Metrics in Practice

- Corporate OSPO
- University/Academic Open Source
- UN-SDG
- Scientific/Research Open Source
- Funding Impact Measurement
- Government
- ISO Standardization

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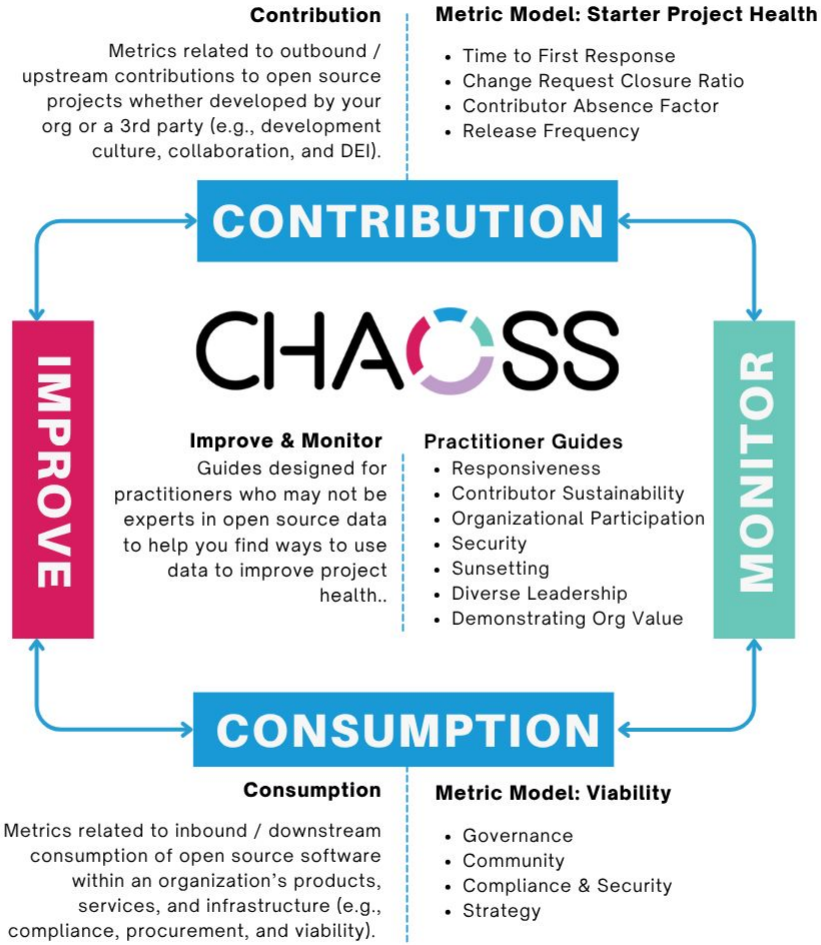
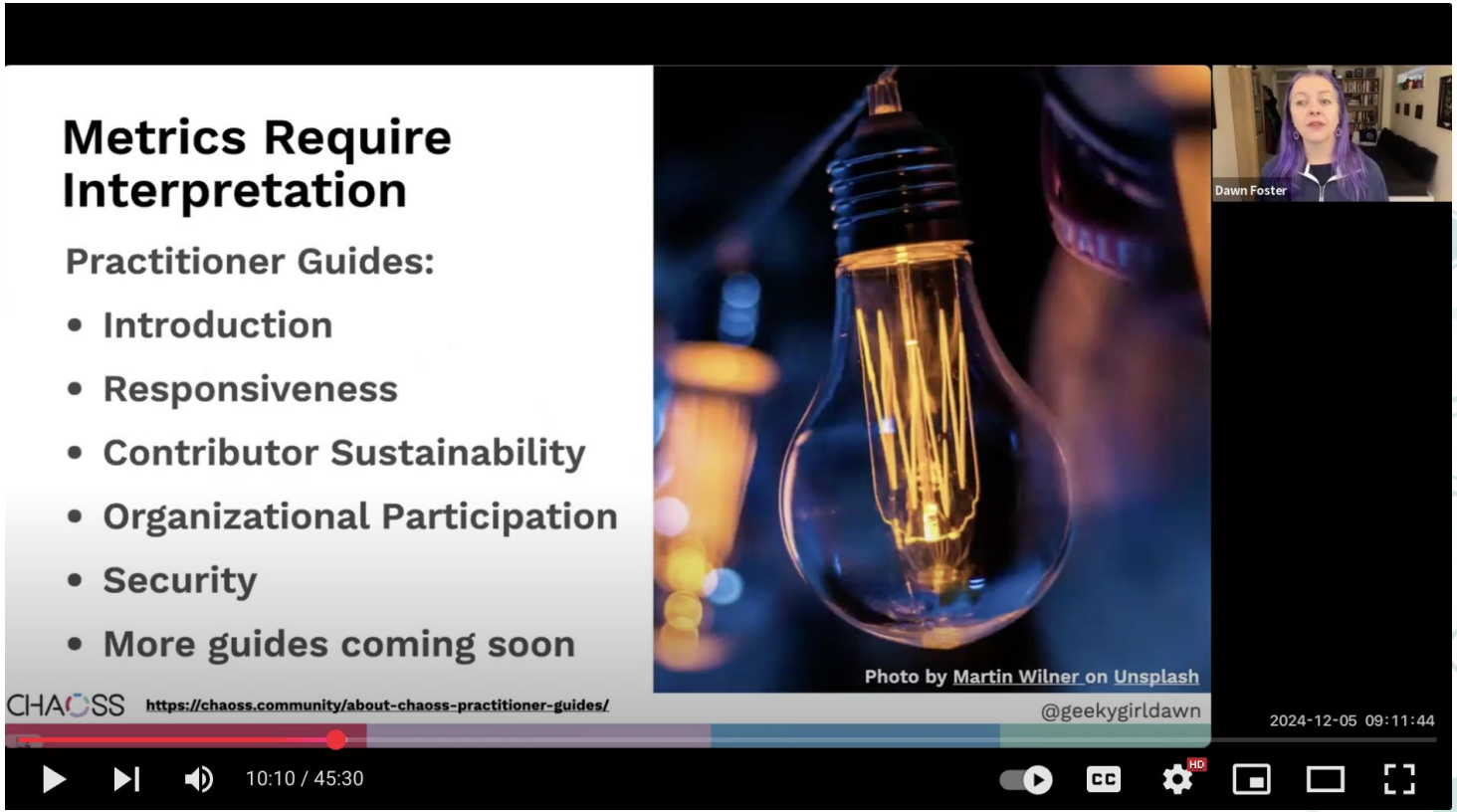
Practitioner Guides to help improve the health of your projects



https://chaoss.community/about-chaoss-practitioner-guides/

OpenChain December 2024 Webinar



https://openchainproject.org/news/2024/12/12/webinar-chaoss-practitioner-guides

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Diverse Leadership

Open source communities and projects thrive with diverse leadership

Key metrics:

- **Board/Council Diversity**
- **Sponsorship**
- **Inclusive Leadership**

Photo by Shelby Murphy Figueroa on Unsplash

https://chaoss.community/practitioner-guide-diverse-leadership

Sunsetting

Sunset projects to indicate that they are no longer maintained and will not have security updates

Key metrics:

- Change Requests
- Issues New
- Technical Forks

https://chaoss.community/practitioner-guide-sunset

Demonstrating Value

Organizations need to show the value of their open source engagements to continue them over the long periods of time needed to sustain open source projects.

Photo by Farhat Altaf on Unsplash

Priority = Criticality X Health Risk

https://chaoss.community/practitioner-guide-demonstrating-org-value/

Practitioner Guide Recap & Links

Practitioner Guides: Introduction - Things to Consider When Interpreting Metrics

- **Practitioner Guide: Getting Started with Contributor Sustainability**
- **Practitioner Guide: Getting Started with Responsiveness**
- **Practitioner Guide: Getting Started with Organizational Participation**
- **Practitioner Guide: Getting Started with Security**
- **Practitioner Guide: Getting Started with Sunsetting an Open Source Project**
- **Practitioner Guide: Getting Started with Building Diverse Leadership**
- **Practitioner Guide: Demonstrating Organizational Value**

https://chaoss.community/about-chaoss-practitioner-guides/

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THANK YOU CO-CHAIRS and LEADERS!

- Adeyinka Oresanya
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- Paul Sharratt
- Ruth Ikegah
- Sal Kimmich
- Santiago Dueñas
- Sean Goggins
- Victoria Ottah
- And more!

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Join Us!

Anyone can attend or participate in any CHAOSS working groups or other initiatives!

https://chaoss.community/kb-getting-started/

THANK YOU