Forward

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Thursday, August 22nd, 2019 at 2:10, Room 310
NEBRASKA — THE RUMORS ARE TRUE
Past
Past: Structure

- Kick-off at OSSNA 2017
- Two Committees: Software and Metrics
- Long list of metrics
- Two software systems
Past: Learning

• Not all metrics are the same
  • Methods of collection
    • For example: Diversity & Inclusion
    • How they are interpreted
    • For example: A commit
  • Metrics alone don’t carry context
  • We’re a community that listens

https://live.staticflickr.com/5500/30363195846_eaa646f196_b.jpg
Present

https://upload.wikimedia.org/wikipedia/commons/e/e4/Loess_Hills_.jpg

CHAOS
Present: Structure

- Working groups to frame metrics
  - Diversity & Inclusion, Risk, Value, Evolution, Common
  - Create consistent language/interpretation
- Three software systems
  - GrimoireLab, Augur, Cregit
- Majority of work on Zoom and in GitHub
Present: Learning

• CHAOSS Metrics Version 1
• CHAOSS Metrics Deployments
• CHA OSScons
• We Learn from You
Present: Metrics V1

https://chaoss.community/metrics/

CHAOSS Metrics (Release 201908)

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
- Organizational Affiliation

Diversity and Inclusion WG
- Event Diversity
- Governance
- Leadership

Evolution WG
- Code Development

Risk WG
- Business Risk
- Code Quality
- Licensing
- Transparency

Value WG
- Labor Investment
- Living Wage
Present: Metrics V1 / GQM

CHAOSS Metrics (Release 201908)

Release metrics are only a subset of metrics ideas that are being developed. If you would like to learn more and join the working group discussions, please join the Chaoss Metrics WG. A draft QM based on identified gaps and questions. The metrics include a draft page as an example.

Focus Areas by Working Group

Common Metrics WG

- Organizational Affiliation
- Diversity and Inclusion WG
  - Event Diversity
  - Inclusion
  - Leadership
- Innovation WG
  - Code Development
- Risk WG
  - Business Risk
  - Code Quality
- Learning
- Transparency
- Value WG
  - Labor Investment
  - Living Wage

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### Diversity and Inclusion

Diversity and Inclusion WG

**Goal:**
Identify the diversity and inclusion at events.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diversity Access Tickets</td>
<td>How are Diversity Access Tickets used to support diversity and inclusion for an event?</td>
</tr>
<tr>
<td>Code of Conduct at Event</td>
<td>How does the Code of Conduct for events support diversity and inclusion?</td>
</tr>
<tr>
<td>Family Friendliness</td>
<td>How does enabling families to attend together support diversity and inclusion of the event?</td>
</tr>
</tbody>
</table>

### Focus Area - Governance

**Goal:**
Identify how diverse and inclusive our governance is.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code of Conduct for Project</td>
<td>How does the Code of Conduct for the project support diversity and inclusion?</td>
</tr>
</tbody>
</table>

### Focus Area - Leadership

**Goal:**
Identify how healthy our community leadership is.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mentorship</td>
<td>How effective are our mentorship programs at supporting diversity and inclusion in our project?</td>
</tr>
</tbody>
</table>

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https://chaoss.community/metrics/
Diversity Access Tickets

Question: How are Diversity Access Tickets used to support diversity and inclusion for an event?

Description
Inviting diverse groups of people may be made explicit by offering specific tickets for them. These tickets may be discounted to add further incentive for members of the invited groups to attend. A popular example are reduced tickets for students.

Diversity access tickets can enable community members to attend events and encourage new members to join. Especially unemployed, underemployed, or otherwise economically disadvantaged people may otherwise be excluded from attending an event. Furthermore, diversity access tickets can encourage additional contributions and ongoing contributions.

Objectives
- Demonstrate effectiveness of increasing diversity at events.
- Enable attendees to attend who could not without a discount due to their economic situation.
- Encourage members from underrepresented groups to attend.
- Track effectiveness of outreach efforts.

Strategies
- Observe website for availability and pricing of diversity access tickets.
- Interview organizers to understand where and how the diversity access tickets were allocated (some organizers offer tickets directly to individuals or local groups focused on underrepresented segments, which cannot always be found by looking at the website).
- Survey participants about perception of diversity access tickets.
- Track attendance numbers based on diversity access tickets.

Success Metrics
Qualitative
- Interview organizers:

https://chaoss.community/metrics/
Present: Deployments

https://twitter.github.io/year-in-review
Present: Deployments

Welcome
Top 10 repos
Locations
Heat metrics

Light metrics
Light means visibility. We measure visibility by the number of watchers, subscribed to updates, and number of people who have favorited our projects.

7132 watchers
Watchers receive notifications for some or all changes to our repos.

135k stars
Stars show preference for a repository, like a bookmark.
Present: Deployments

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@TwitterOSS
Future: Structure
Future: Practical

- Software APIs
- Metrics + Software
- D&I Deployments
Future: Framing

• Bounding Rationality for Projects and Project Comparison

• Understanding project health in context
  • Reduce the search space
  • Lower complexity
  • Manage risk and uncertainty

https://pbs.twimg.com/profile_images/1054443919147069440/ZaVhrzkk_400x400.jpg

Chaoss
Thank You

https://chaoss.community