Meet Cauldron!
Your SaaS Software Development Analytics Solution

CHA OSS Con EU
Jan, 31st, 2020

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Once upon a time ...
GrimoireLab

chaoss.github.io/grimoirelab

Full tools set managed by user, including setup and deployment

Community support

Bitergia Analytics

bitergia.com/bitergia-analytics

Full GrimoireLab tools set managed by Bitergia

Customization & consultancy services provided by Bitergia
From lessons learned with GrimoireLab and Bitergia Analytics
GrimoireLab
chaoss.github.io/grimoirelab
Full tools set managed by user, including setup and deployment
Community support

Bitergia Analytics
bitergia.com/bitergia-analytics
Full GrimoireLab tools set managed by Bitergia
Customization & consultancy services provided by Bitergia

Fully managed and customized by user via SaaS

Community and professional support
What is it?

Full SaaS Software Development Analytics Solution

100% free, open source software

Built on:

GrimoireLab | Open Distro for Elasticsearch | Django
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IT'S STILL ALPHA!
1st steps

Level Up Software Development Analytics

Cauldron allows project managers, analysts, and developers to understand more about the community and processes involved in software development.
1st steps
1st steps
### Project 467

**Public dashboard link:** [https://cauldon.io/dashboard](https://cauldon.io/dashboard)

Data sources found: 10

Status: completed 10 | pending 0 | running 0 | error 0

**Show:** 10 entries

<table>
<thead>
<tr>
<th>Data source</th>
<th>Last refresh</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pending...</td>
<td>19 hours ago</td>
<td>Not started</td>
</tr>
<tr>
<td>Pending...</td>
<td>19 hours ago</td>
<td>Not started</td>
</tr>
<tr>
<td>Pending...</td>
<td>19 hours ago</td>
<td>Not started</td>
</tr>
<tr>
<td>Running...</td>
<td>19 hours ago</td>
<td>Not started</td>
</tr>
<tr>
<td>Pending...</td>
<td>20 hours ago</td>
<td>Not started</td>
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<tr>
<td>Pending...</td>
<td>20 hours ago</td>
<td>Not started</td>
</tr>
</tbody>
</table>
My **Workspace**: Full Dashboard Power

Git Analysis

**Git summary**
- **428** # Commits
- **6** # Authors
- **5** # Repositories

**Summary**
- **3,640** Files
- **6** Authors
- **142,858** Added Lines
- **15,712** Removed Lines

**Commits**

**Authors**

**Repositories**

- Repository 1
  - Commit: 193
  - Authors: 5
  - Organizations: 1
  - Added Lines: 15,380
  - Removed Lines: 10,345
  - Avg. Lines/Commit: 3,236
- Repository 2
  - Commit: 152
  - Authors: 3
  - Organizations: 1
  - Added Lines: 14,125
  - Removed Lines: 143,530
  - Avg. Lines/Commit: 7,553
- Repository 3
  - Commit: 85
  - Authors: 2
  - Organizations: 1
  - Added Lines: 15,652
  - Removed Lines: 20,466
  - Avg. Lines/Commit: 1,680
- Repository 4
  - Commit: 11
  - Authors: 1
  - Organizations: 1
  - Added Lines: 3604
  - Removed Lines: 320,038
  - Avg. Lines/Commit: 327,727
Features
Main Features (2020 Goals)

All-in-One Solution

One single service to gather and analyze data from multiple sources
Main Features (2020 Goals)

All-in-One Solution

Shareable Reports (work in progress)

Users shall be able to share dashboards created by them
Main Features (2020 Goals)

All-in-One Solution

Shareable Reports (work in progress)

Privacy by Design (work in progress)

NO USERS PRIVATE INFORMATION STORED

CONTRIBUTORS ANONYMIZED DATA
Main Features (2020 Goals)

All-in-One Solution

Shareable Reports (work in progress)

Privacy by Design (work in progress)
Upcoming Features

Scalability Improvement

WE ARE STILL LEARNING. LOOKING FOR TASKS SCHEDULING SOLUTIONS
Upcoming Features

Scalability Improvement

Additional Data Sources

We are missing Communication Channels: Mailman? Groups.IO? Slack? Discourse?
Upcoming Features

- Scalability Improvement
- Additional Data Sources
- Attribution Management System

Sorting Hat 2.0? New ways to manage contributors identities and their additional information?
Upcoming Features

Scalability Improvement

Additional Data Sources

Attribution Management System

Sustainability: Monetization & Business Model

**Pay for computational resources?**

**Pay for on-prem setup and deployment?**
Upcoming Features

Scalability Improvement

Additional Data Sources

Attribution Management System

Sustainability: Monetization & Business Model
Join Cauldron Community

gitlab.com/cauldronio

Code contributions and issues management

community.cauldron.io

Announcements, users support, & community discussions

@cauldronio

Newsletter
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Newsletter

IT'S STILL ALPHA!
... one more thing,
for the lazy ones
Share Dashboard Designs
Let’s Go for Questions

Twitter @jsmanrique

Email jsmanrique@bitergia.com

LinkedIn/Github/GitLab jsmanrique