

Meet Cauldron!

Your SaaS **Software Development Analytics** Solution

CHAOSCon EU

Jan, 31st, 2020



Share this slide! @cauldronio



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



GrimoireLab

chaoss.github.io/grimoirelab

Full tools set managed by user,
including setup and deployment

Community support

???

Fully managed and customized
by user via SaaS

Community and professional
support

Bitergia Analytics

bitergia.com/bitergia-analytics

Full GrimoireLab tools set managed
by Bitergia

Customization & consultancy
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cauldron.io

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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Full **SaaS** Software Development Analytics Solution

100% **free**, open source software

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GrimoireLab | Open Distro for Elasticsearch | Django

IT'S STILL ALPHA!

1st steps

Cauldron **dijon** Home My Projects jsmanrique

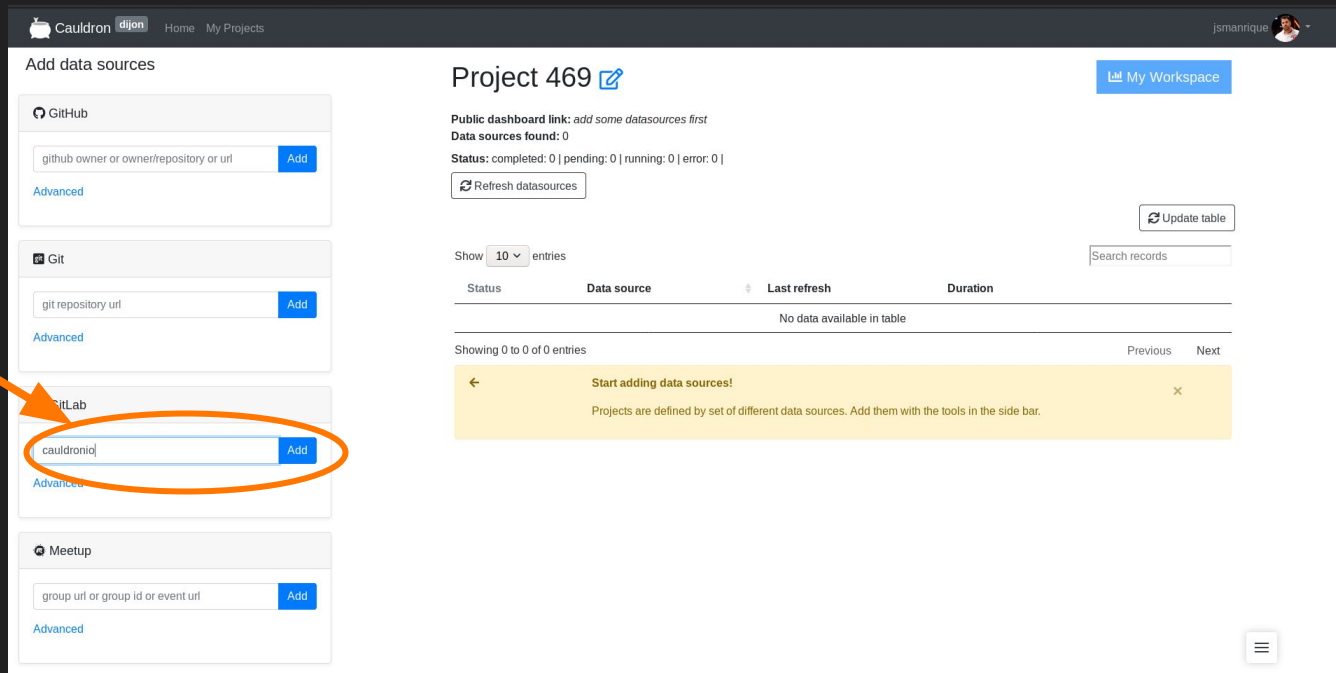
This is an alpha version of Cauldron. All data can be removed without prior notice. Feedback is welcome!

Level Up Software Development Analytics

Cauldron allows project managers, analysts, and developers to understand more about the community and processes involved in software development


[Analyze a Project](#) [My Projects](#)

1st steps




The screenshot shows the Cauldron web interface. On the left, the 'Add data sources' sidebar is visible, featuring sections for GitHub, Git, GitLab, and Meetup. In the GitLab section, the entry 'cauldronio' is highlighted with an orange circle, and an orange arrow points to it from the left. The main area displays 'Project 469' with a public dashboard link, data sources found (0), and status information. A table below shows no data available. A yellow banner at the bottom of the table area reads 'Start adding data sources!' and 'Projects are defined by set of different data sources. Add them with the tools in the side bar.'

1st steps


 **Cauldron** dijon

Home My Projects

jsmanrique




Add data sources

 GitHub


Add

Advanced

 Git


Add

Advanced

 GitLab

Add

Advanced

 Meetup

Add

Advanced

Project 470 

My Workspace

Public dashboard link: <https://cauldron.io/dashboard> 

Data sources found: 10

Status: completed: 0 | pending: 8 | running: 2 | error: 0 |

 Refresh datasources

Show 10 entries

Update table

Status	Data source	Last refresh	Duration	
Pending...	 https://gitlab.com/cauldronio/cauldron-web.git	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldron-deployment.git	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldron-worker.git	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldron.git	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldronio.gitlab.io.git	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldron-web	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldron-deployment	4 hours ago	Not started	  
Pending...	 https://gitlab.com/cauldronio/cauldron-worker	4 hours ago	Not started	  

Cauldron **dijon** Home My Projects

jsmanrique

Share Report Link

Add data sources

GitHub

github owner or owner/repository or url

Add

Advanced

Git

git repository url

Add

Advanced

GitLab

gitlab owner or owner/repository or url

Add

Advanced

Meetup

group url or group id or event url

Add

Advanced

Project 467

Public dashboard link: <https://cauldron.io/dashboard>

Data sources found: 10

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

Refresh datasources

My Workspace

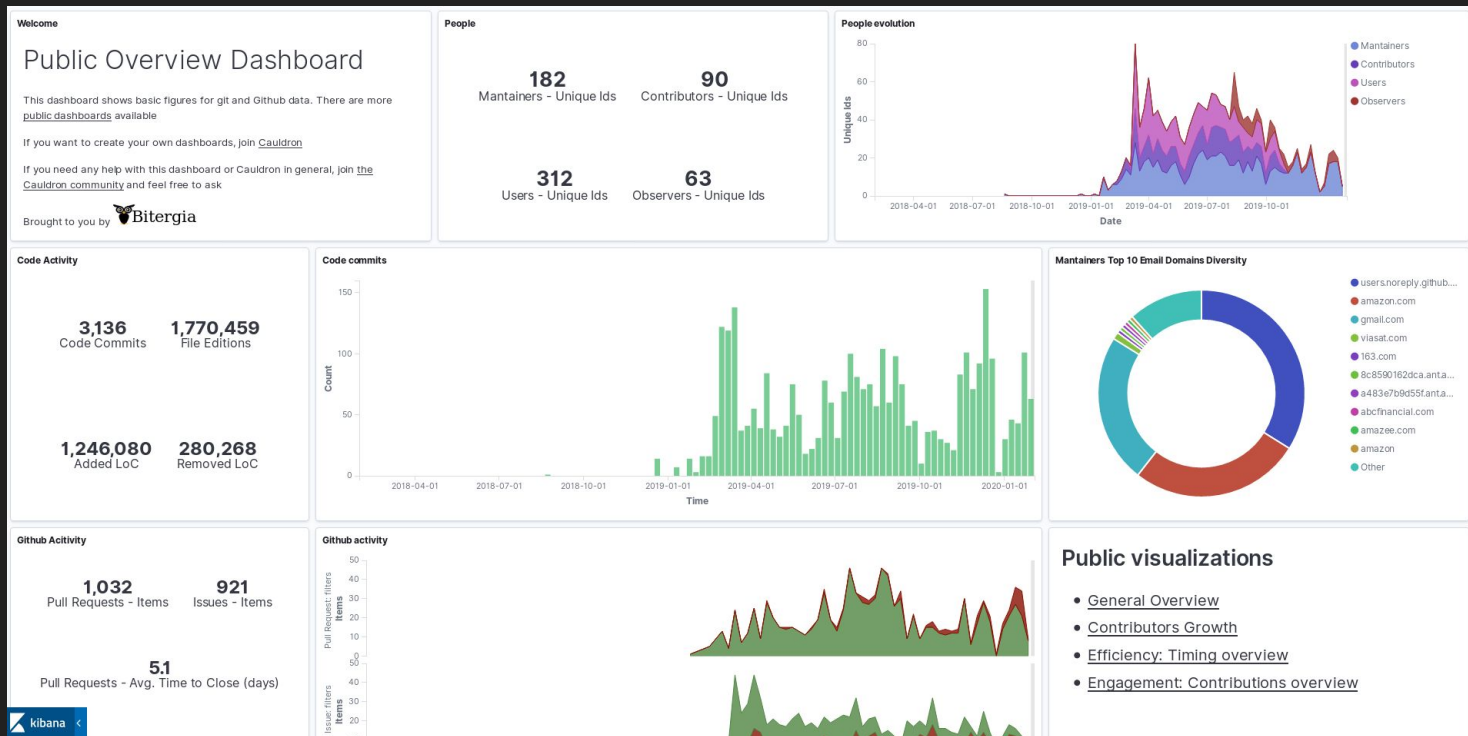
Update table

Show 10 entries

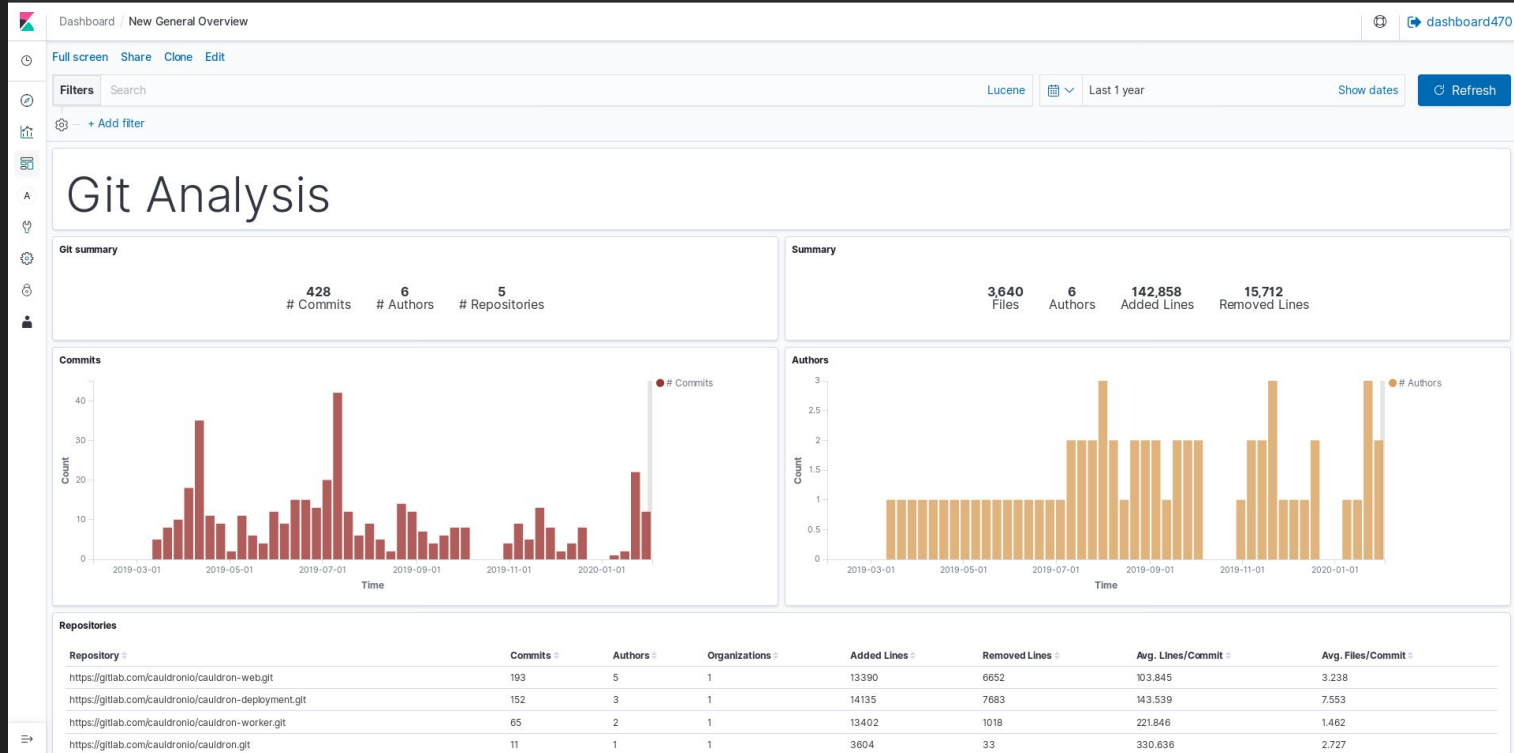
Search records

Status	Data source	Last refresh	Duration
Pending...	https://gitlab.com/cauldronio/cauldron-web.git	19 hours ago	Not started
Pending...	https://gitlab.com/cauldronio/cauldron-deployment.git	19 hours ago	Not started
Pending...	https://gitlab.com/cauldronio/cauldron-worker.git	19 hours ago	Not started
Pending...	https://gitlab.com/cauldronio/cauldron.git	19 hours ago	Not started
Running...	https://gitlab.com/cauldronio/cauldronio.gitlab.io.git	19 hours ago	00:00:01
Pending...	https://gitlab.com/cauldronio/cauldron-web	20 hours ago	Not started
Pending...	https://gitlab.com/cauldronio/cauldron-deployment	20 hours ago	Not started
Pending...	https://gitlab.com/cauldronio/cauldron-worker	20 hours ago	Not started

Public Dashboard



My Workspace: Full Dashboard Power



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

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Sustainability: Monetization & Business Model

Join Cauldron Community

gitlab.com/cauldronio

Code contributions and issues management

community.cauldron.io

Announcements, users support, & community discussions

[@cauldronio](https://twitter.com/cauldronio)

[Newsletter](#)



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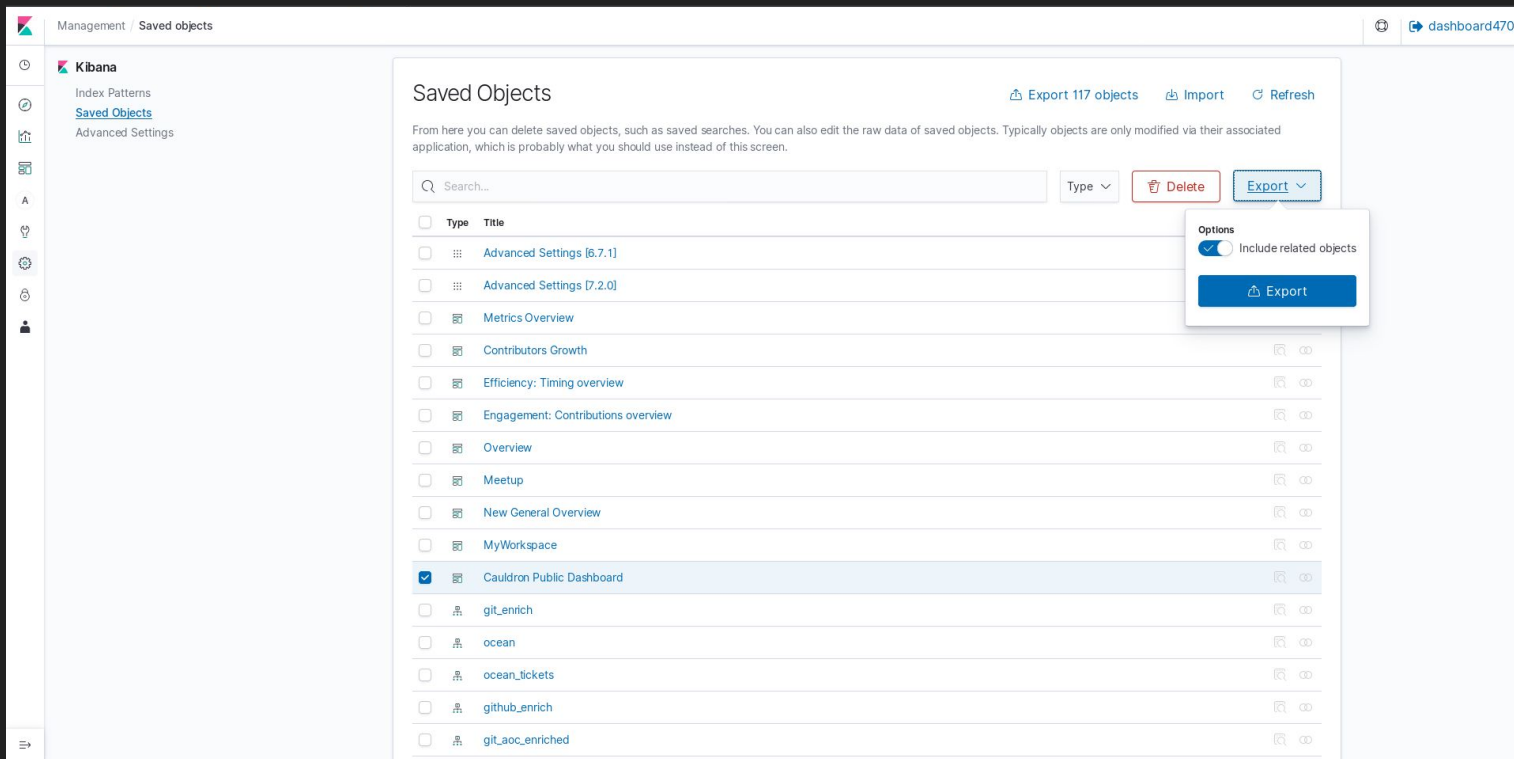
[Newsletter](#)

IT'S STILL **ALPHA!**



... **one more** thing,
for the *lazy* ones

Share Dashboard Designs



Management / Saved objects

Kibana

- Index Patterns
- [Saved Objects](#)
- Advanced Settings

Saved Objects

Export 117 objects Import Refresh

Search...

Type Delete Export

Options

- ☒ Include related objects

Export

<input type="checkbox"/>	Type	Title	
<input type="checkbox"/>	...	Advanced Settings [6.7.1]	
<input type="checkbox"/>	...	Advanced Settings [7.2.0]	
<input type="checkbox"/>	...	Metrics Overview	
<input type="checkbox"/>	...	Contributors Growth	
<input type="checkbox"/>	...	Efficiency: Timing overview	
<input type="checkbox"/>	...	Engagement: Contributions overview	
<input type="checkbox"/>	...	Overview	
<input type="checkbox"/>	...	Meetup	
<input type="checkbox"/>	...	New General Overview	
<input type="checkbox"/>	...	MyWorkspace	
<input checked="" type="checkbox"/>	...	Cauldron Public Dashboard	
<input type="checkbox"/>	...	git_enrich	
<input type="checkbox"/>	...	ocean	
<input type="checkbox"/>	...	ocean_tickets	
<input type="checkbox"/>	...	github_enrich	
<input type="checkbox"/>	...	git_aoc_enriched	

Let's Go for Questions

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Manrique

[@jsmanrique](#)

Mobile, OSS Communities, Friends, , Family, and Life passionate.
Bilbaíno born in Gijón, living in Fuenla, & working in [@bitergia](#) /AWS Data
Hero/GitLab Hero

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