

The State of the GrimoireLab

J. Manrique López de la Fuente

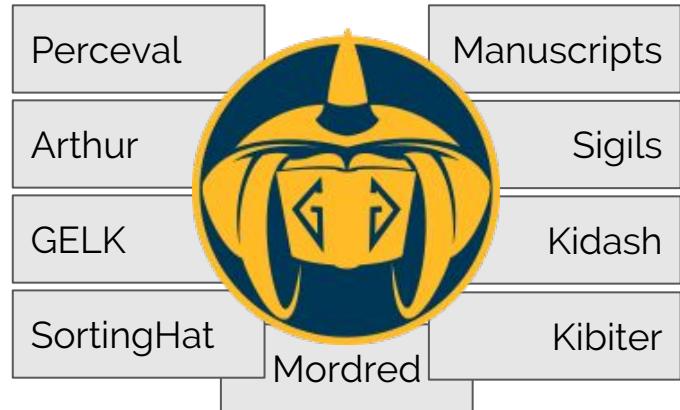
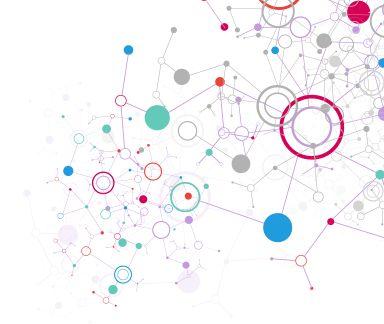
Bitergia CEO

#CHAOSCon #GrimoireLab

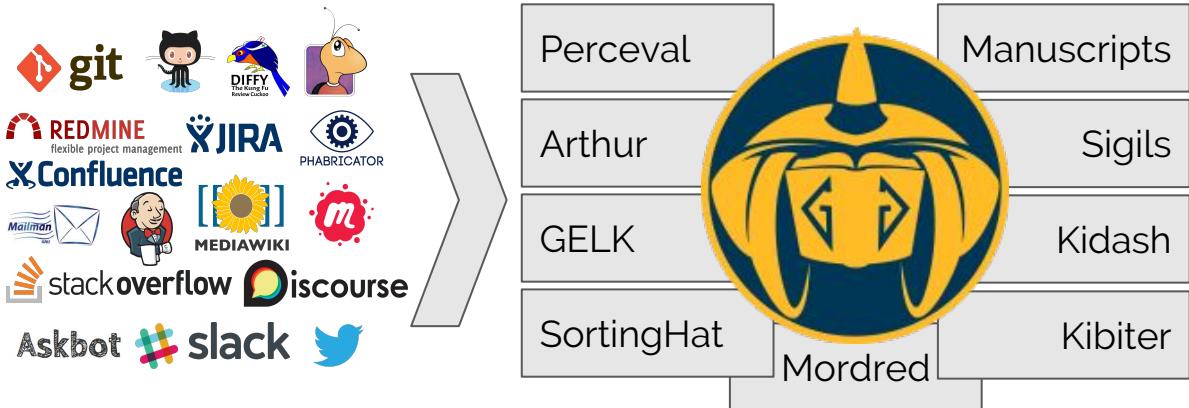
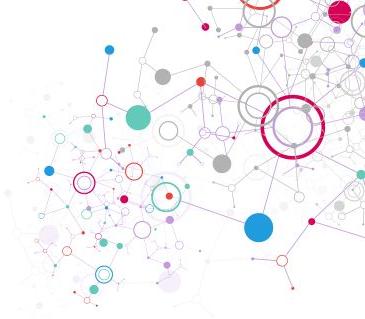
Brussels, Feb. 2, 2018



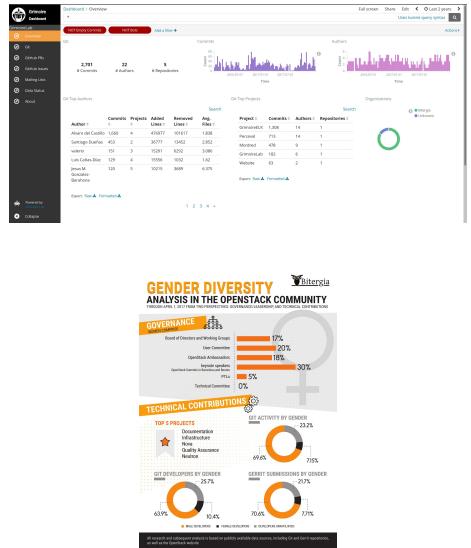
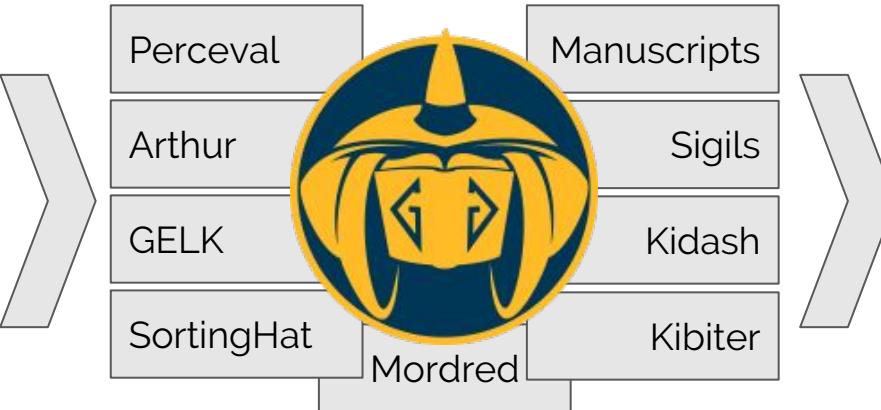
GrimoireLab



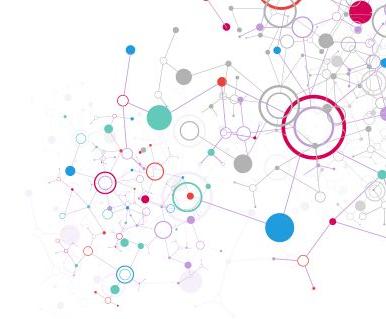
GrimoireLab



GrimoireLab



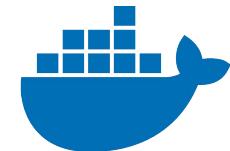
GrimoireLab Technology



elasticsearch

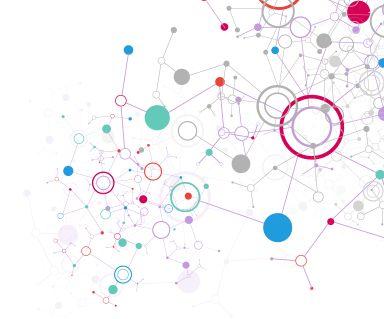


kibana

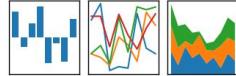


docker

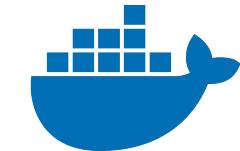
GrimoireLab Technology



pandas
 $y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$



kibana



docker



redis

django



elasticsearch



Extracting Knowledge From CHAOSS

CHAOSS will develop metrics, including:

- › Project lifecycle
- › Diversity and inclusion
- › Risk and provenance
- › Ecosystem impact

In addition...

- › Develop a FLOSS reference implementation of defined metrics
- › Integrate GrimoireLab, Prospector and Credit into a collaborative framework
- › Develop a better understanding of how contributions happen

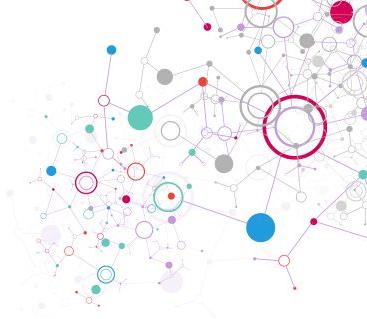
Backed by:

- › Red Hat, Bitergia, Eclipse Foundation, Linaro, Mozilla, OpenStack, Polytechnique Montreal, Sauce Labs, Software Sustainability Institute, Symphony Software Foundation, University of Missouri, University of Mons, University of Nebraska at Omaha, and University of Victoria, Laval University, and Jono Bacon Consulting



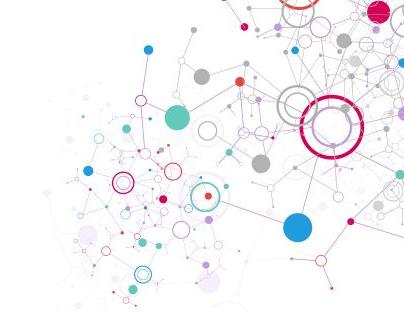
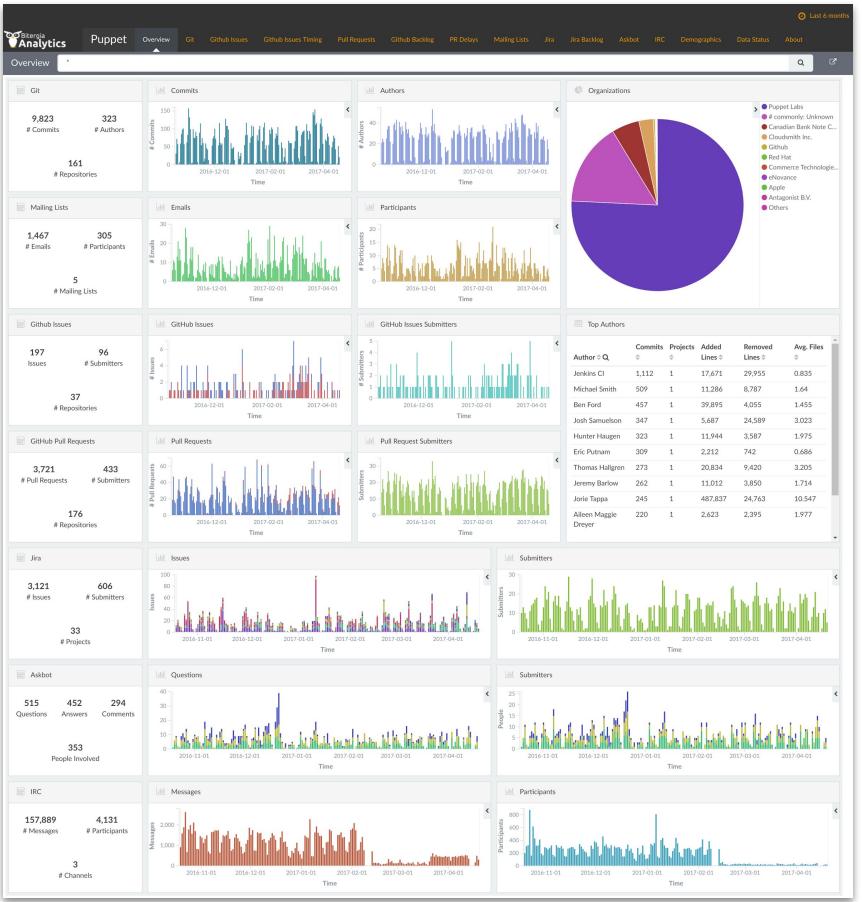
 OPEN SOURCE SUMMIT
THE LINUX FOUNDATION
NORTH AMERICA

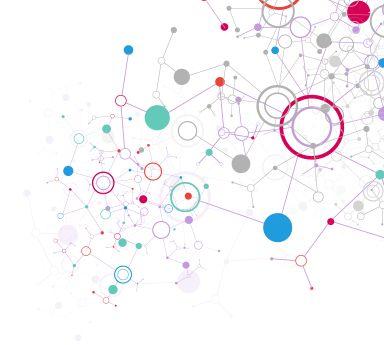
1 year ago: How to run it?





1 year ago





Objective #1: Make it easier

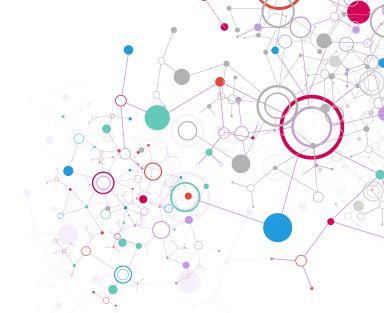
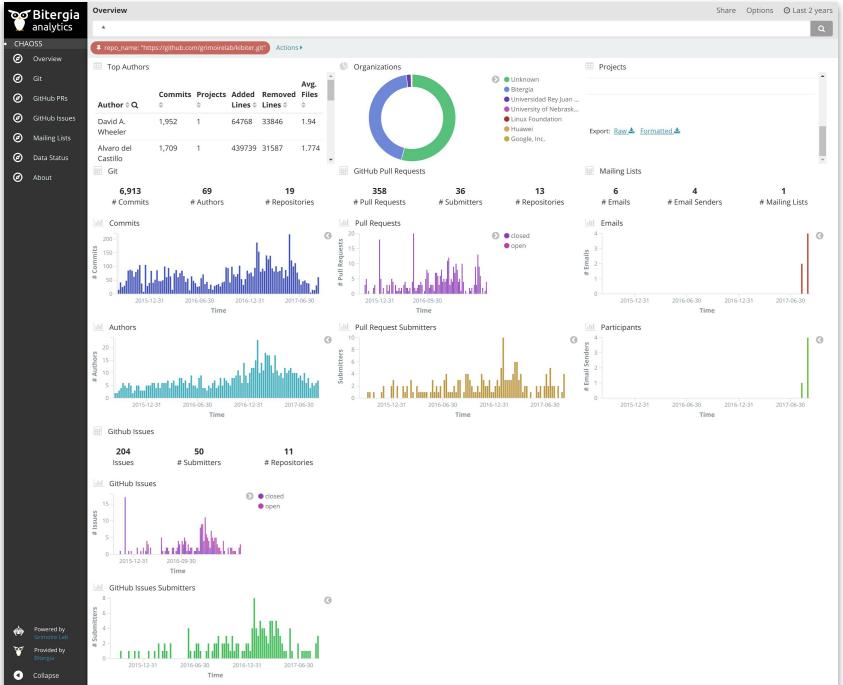
From a single container:

```
$ docker run -p 127.0.0.1:5601:5601 \
  -v $(pwd)/mordred-local.cfg:/mordred-local.cfg \
  -t grimoirelab/full
```

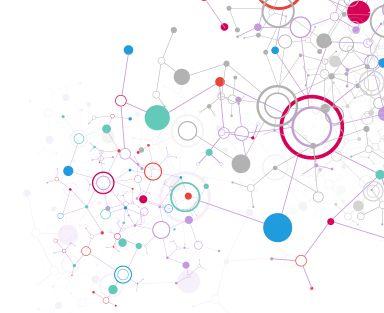
From a multi-container Docker environment:

```
$ docker-compose up -d
```

New dashboards UI (based on Kibana 5)



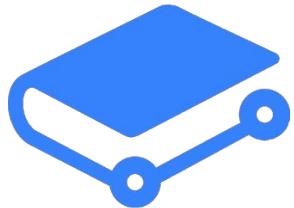
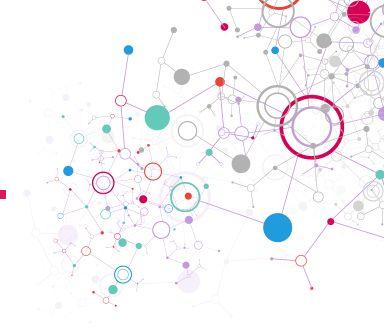
Data Sources (~ 30, and growing)



 Source Code Git, Baazar*, Mercurial* (*exporting to git)	 Tickets / issues Bugzilla, GitHub Issues, JIRA, ManIFEST, Redmine	 Code Review Gerrit, GitHub Pull Requests	 Continuous Integration Jenkins
 Mailing lists / Forums Askbot, Discourse, Gmane, Hyperkitty, mbox files, NNTP , Pipermail, Stack Exchange	 Chat IRC (Supybot), Slack, Telegram	 Downloads Apache http logs	 Wiki Confluence, MediaWiki
 Meetings Meetup	 Others DockerHub, RSS , Twitter		

Yes, GrimoireLab
supports Slack!

Documentation, docs, docs, docs...



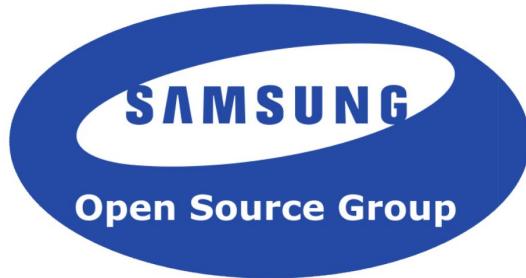
GrimoireLab Training Tutorial

grimoirelab.gitbooks.io/training/

Use cases



The Document Foundation



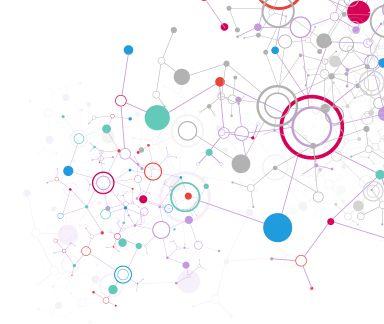
CHAOSS



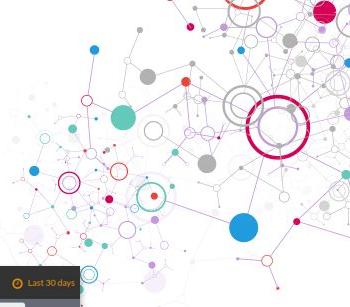
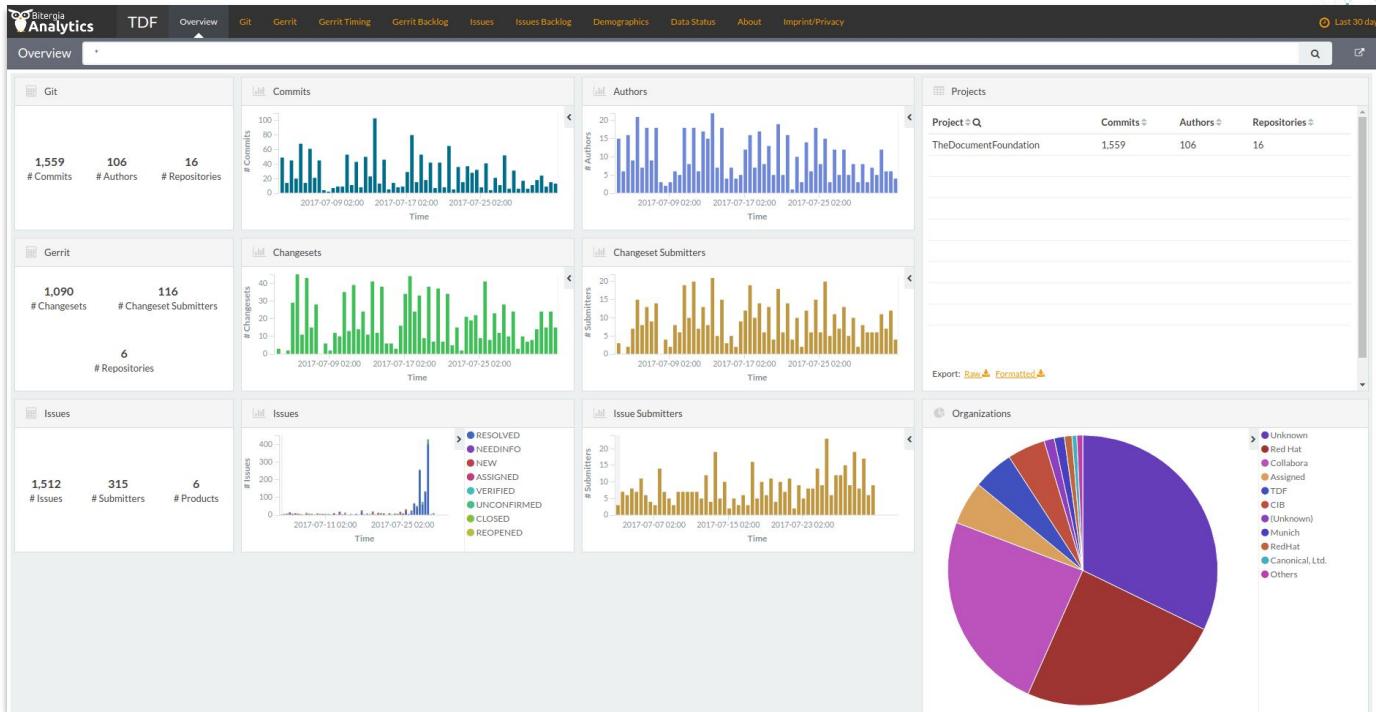
LIFERAY®



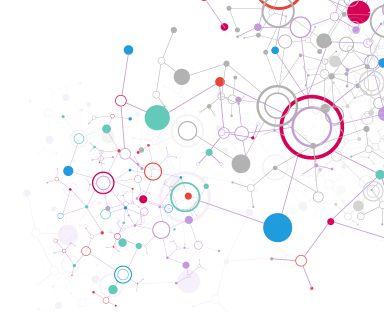
chaoss.community



The Document Foundation



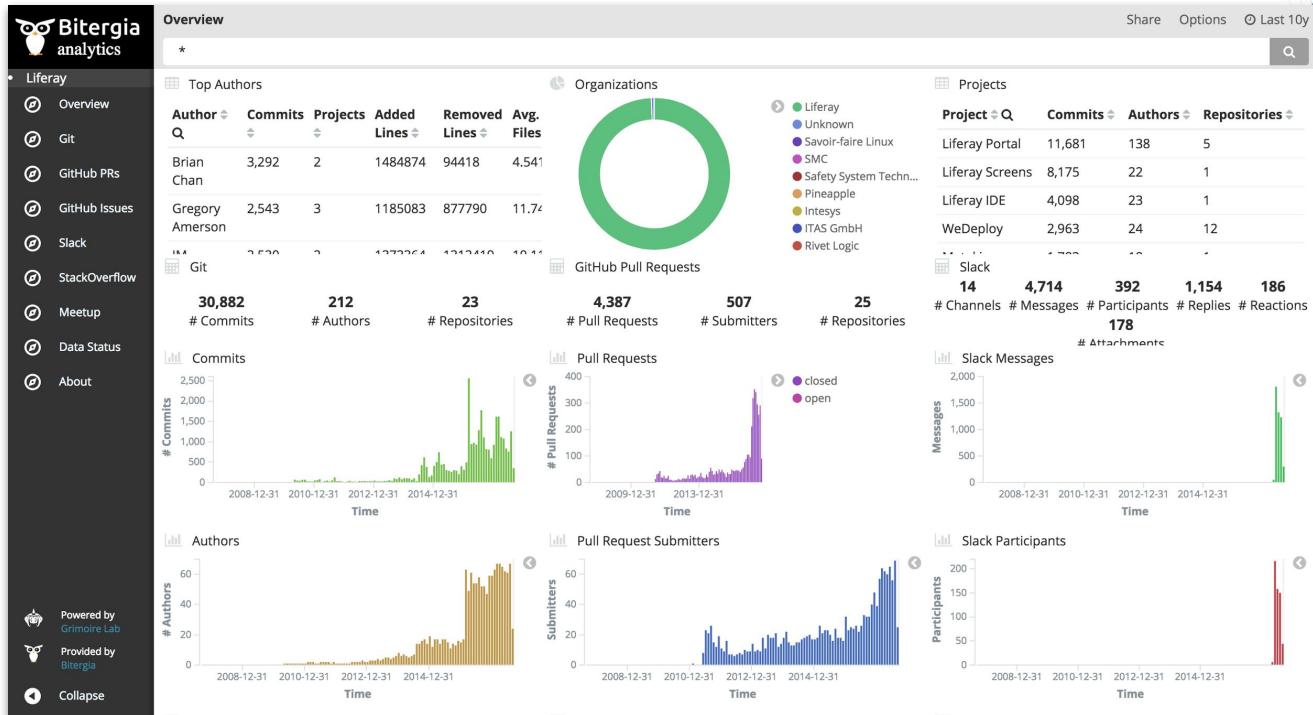
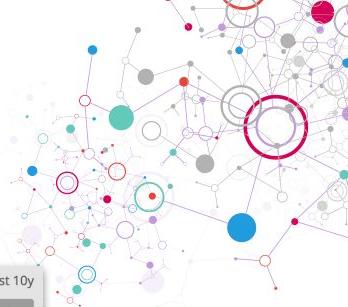
The Document Foundation



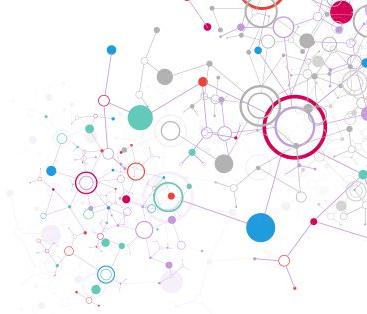
“The Document Foundation offers a transparent overview of LibreOffice development with the announcement of a Dashboard, available at <http://dashboard.documentfoundation.org>, which provides a visual representation of the activity on the source code”

TDF Dashboard: an open window on LibreOffice development
bit.ly/tdf-dashboard

Liferay Inc.



Liferay Inc.



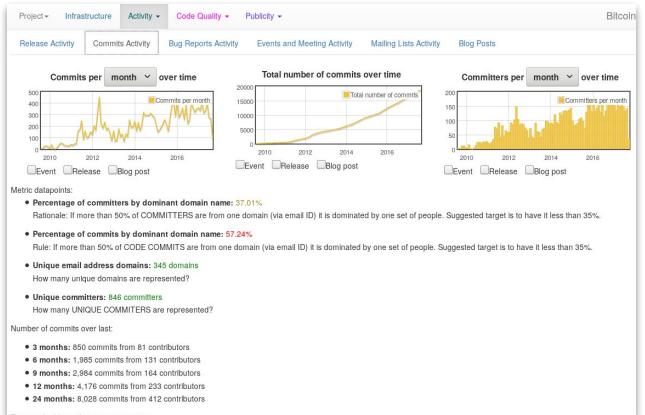
“Grimoire Lab gives us a well rounded picture of our overall community health to help determine the areas where we are doing good and the areas where we can help improve.”

Jamie Sammons - Developer Advocate at Liferay Inc.

Reuse, don't reinvent



www.crossminer.org

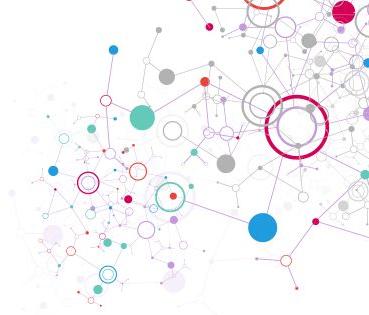


PROSPECTOR
github.com/chaoss/prospector

CHAOSS

chaoss.community

But, there is still a lot to do...



Improve documentation for users and developers

Panels for specific use cases

Improve UX

...



GIFs.tv

Join the GrimoireLab community



#irc

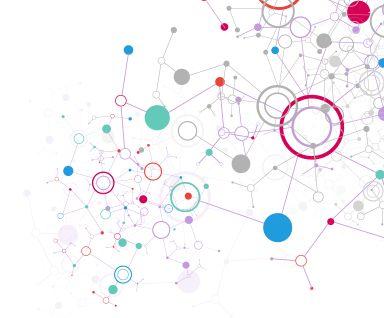


github.com/chaoss/grimoirelab-*
(repositories being migrated from
github.com/grimoirelab)

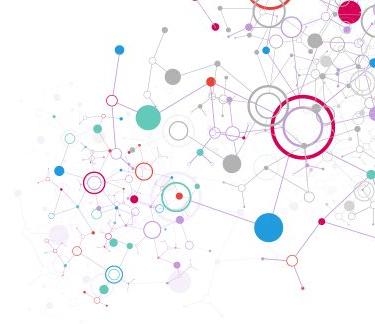
bit.ly/grimoirelab-mailman

#GrimoireLab in
irc.freenode.net

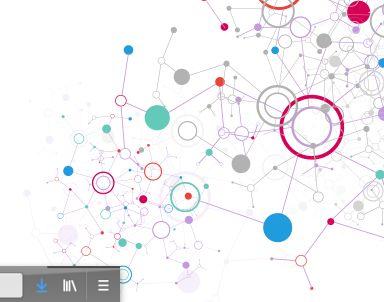
@GrimoireLab
#GrimoireLab



... one more thing?



Bestiary



localhost:8000/editor_select_ecosystem

Bestiary Editor

Ecosystem: GrimoireLab [+ Add](#)

Projects [+ Add](#) Data Sources

Scope

Projects	1
Data Sources	2
Repository Views	2

Perceval

git
github

askbot
bugzilla
bugzillarest
confluence
crates
discourse
dockrhub
functest
gerrit
git
github
gmane
hyperkitty
jenkins
jira
kitsune
mbox
mediawiki
meetup

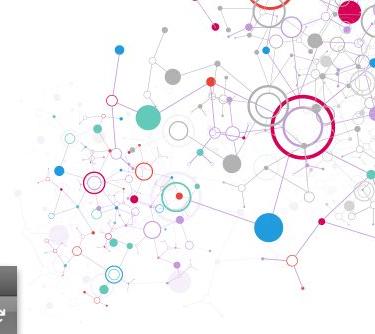
[Select](#) [Select](#) [Select](#)

[Remove](#)

Powered by [GrimoireLab](#)

A screenshot of a web application interface titled "Bestiary Editor". The top navigation bar shows the URL "localhost:8000/editor_select_ecosystem". Below the title, there's a dropdown menu for "Ecosystem" set to "GrimoireLab" with a "+ Add" button. The main area has tabs for "Projects" and "Data Sources", with "Data Sources" currently selected. On the right, a "Scope" sidebar lists "Projects" (1), "Data Sources" (2), and "Repository Views" (2). The central content area displays a list of data sources: Perceval, git, github, askbot, bugzilla, bugzillarest, confluence, crates, discourse, dockrhub, functest, gerrit, git, github, gmame, hyperkitty, jenkins, jira, kitsune, mbox, mediawiki, and meetup. Each item has a blue "Select" button below it. A modal dialog titled "Data source for in GrimoireLab" is open, showing a dropdown for "Data source type" with "URL" selected, and a list of data source names. At the bottom of the modal are "Import" and "Download" buttons.

Hatstall



Hatstall Profile Information

localhost:8001/profiles/cc1000a28d57ed5351bb8a62dff5e37569b2df8/ 90% ⌂ ⌃ ⌁ ⌂

Hatstall Profiles Organizations About

Profile info / cc1000a28d57ed5351bb8a62dff5e37569b2df8

Name J. Manrique Lopez de la Fuente

e-mail jsmanrique@bitergia.com

Bot?

Country

Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Enrollment

Organization

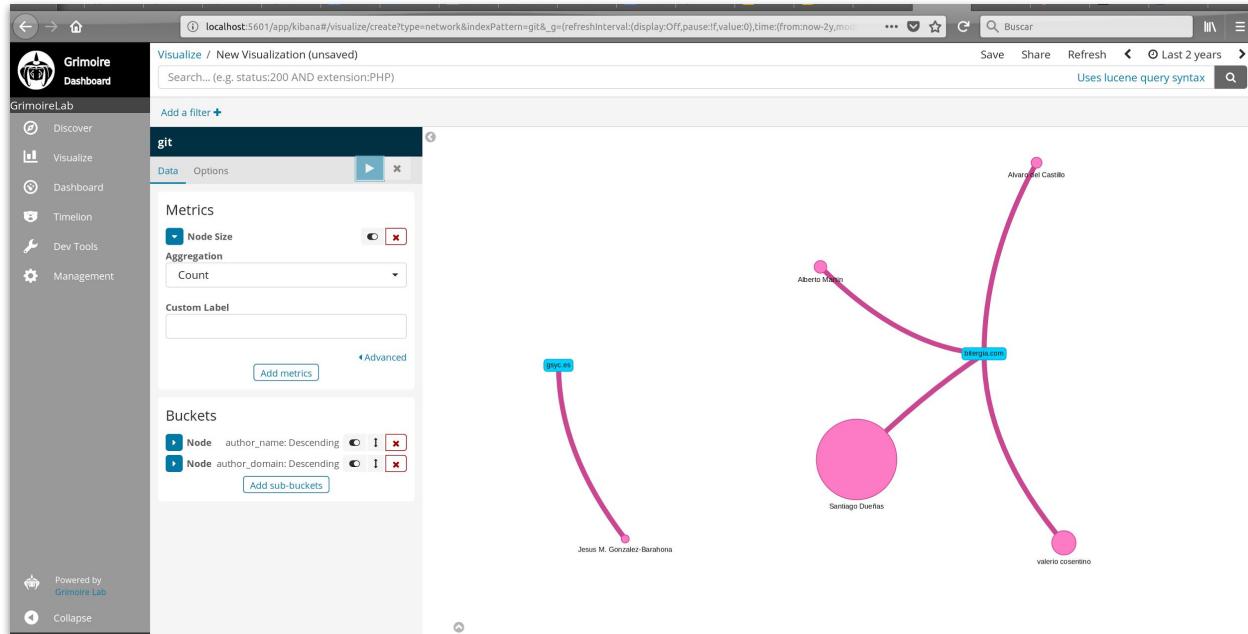
Bitergia to

Profile Identitites

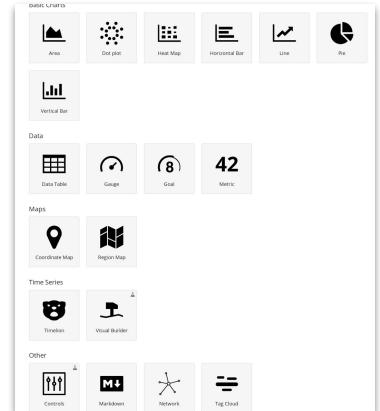
Name	email	Username	Source
Manrique Lopez	None	jsmanrique	github <input type="button" value="unmerge"/>
J. Manrique Lopez de la Fuente	jsmanrique@bitergia.com	None	git

New Kibiter

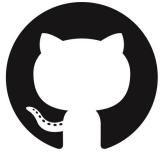
(based on Kibana 6.x)



New visualizations!



Join the GrimoireLab community



#irc



github.com/chaoss/grimoirelab-*
(repositories being migrated from
github.com/grimoirelab)

bit.ly/grimoirelab-mailman

#GrimoireLab in
irc.freenode.net

@GrimoireLab
#GrimoireLab

