# **Q-DashMan**

Data Visualization of Software Development



**Created by Quan Zhou** 

Course: 2018-2019

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Universidad Rey Juan Carlos

## Main Technologies









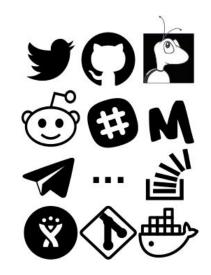








#### **Data Sources**





## **Metrics**





### GrimoireLab





### Cauldron



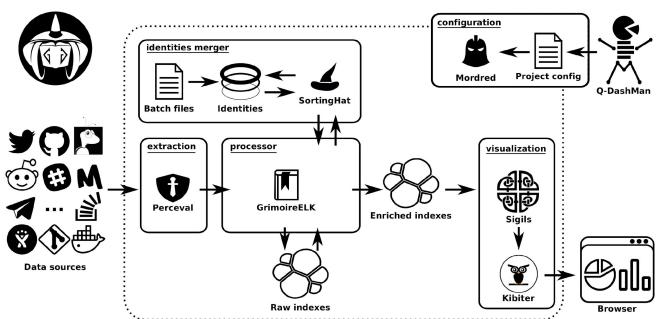
#### The Cauldron is a proof of concept service for For each of GitHub owner, the Cauldron will analyzing activity (git commits, issues, and pull retrieve data from up to 30 of the most recently requests) in GitHub projects. active projects, and produce an interactive dashboard showing overall summaries, and Each GitHub user may ask the Cauldron for up to providing capabilities for filtering and drilling down five dashboards, each corresponding to a GitHub in the details owner (user or organization). toolset. All the software used to produce it is free / information about issues and pull requests. Since open source software. the access to this API is rate-limited, the retrieval of the data for your dashboard may take a while. Please, be patient.

If you want to browse more complete dashboards produced by Bitergia, visit

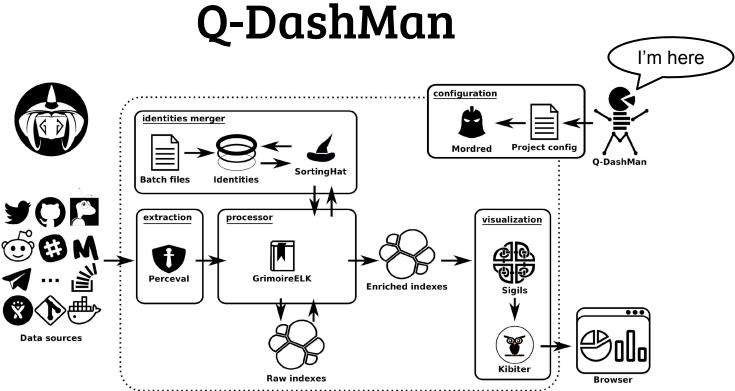




## Q-DashMan









## Set Up files

```
🔞 🖨 📵 less setup.cfg_all
                                                           [deneral]
                                                           short name = test
                                                           update = true
  ess setup.cfg_all
                                                           min update delay = 0
                                                           debug = true
[sortinghat]
                                                           logs dir = /home/bitergia/logs
host =
                                                           from date =
user =
                                                          bulk size = 1000
password =
                                                          scroll size = 1000
database = test sh
                                                          kibana = "5"
load orgs = true
identities_format = grimoir sleep for = 86400
                                                                                                        ects.json
identities_file = [/home/bibots names = []
autoprofile = [file:cncf,gi'unaffiliated group = Unknown
matching = [email-name]
                          affiliate = false
sleep for = 86400
bots names = []
                          #[panels]
unaffiliated_group = Unknow#kibiter time from = "now-90d"
affiliate = false
                          #kibiter_default index = "git"
#[panels]
                          [phases]
#kibiter time from = "now-9(collection = true
#kibiter default index = "gidentities = false
                          enrichment = true
[phases]
                          panels = false
collection = true
identities = false
                          [git]
                          raw_index = git_test
                          enriched_index = git_test_enriched
                          latest-items = true
                          [aithub]
                           raw_index = github_test
                          enriched_index = github_test_enriched
```







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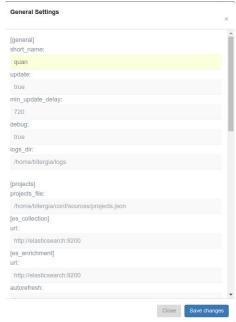
# **Projects File**







# Set Up File



	Add Data Source	>
	select a Data Source	•
	Raw Index *	
	Enriched Index *	
	No Archive	
	Api Token	
	Sleep Time	
	Sleep For Rate	
	Studies	
	Latest Items	
		Close Add
	<u> </u>	
nport :	setup.cfg	×
Choo	se File No file chosen	



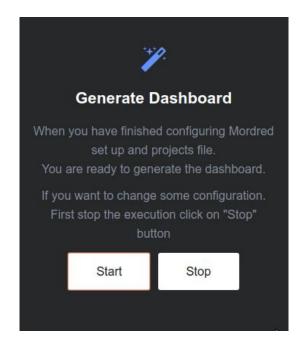
## Set Up Files

```
projects.json
     "zhquan": (
        "github": [
            "https://github.com/zhquan/DAT-Mashup",
             "https://github.com/zhquan/DAT-PrincesGame",
            "https://github.com/zhguan/ISI-Practica-leaderboard".
            "https://github.com/zhquan/owl",
            "https://github.com/zhquan/PFG",
            "https://github.com/zhquan/Practica-3",
             "https://github.com/zhguan/gz-dashboard",
            "https://github.com/zhquan/SAT-MiRevista",
             "https://github.com/zhquan/TFM",
            "https://qithub.com/zhquan/videochat"
            "https://github.com/zhquan/DAT-Mashup.git",
            "https://github.com/zhquan/ISI-Practica-7.git",
             "https://github.com/zhquan/ISI-Practica-ChatAlien.git",
            "https://github.com/zhquan/ISI-Practica8.git",
            "https://github.com/zhguan/owl.git",
             "https://github.com/zhquan/PST-PeerChat.git",
             "https://github.com/zhquan/qz-dashboard.git",
            "https://github.com/zhquan/SAT-MiRevista.git",
            "https://github.com/zhquan/TFG.git",
            "https://github.com/zhquan/TFM.git",
```

```
setup.cfa
 [general]
 short name = quan
 update = true
 debug = true
 logs dir = /home/bitergia/logs
 projects_file = /home/bitergia/conf/sources/projects.json
 [es collection]
 url = http://elasticsearch:9200
 [es enrichment]
 url = http://elasticsearch:9200
 autorefresh = true
 host = mariadb
 user = root
 password =
 load orgs = false
 orgs_file = /home/bitergia/conf/orgs_file
 autoprofile = []
 matching = [email]
sleep for = 50
 bots names = []
 unaffiliated group = Unknown
 affiliate = true
 identities = true
 enrichment = true
 panels - true
```

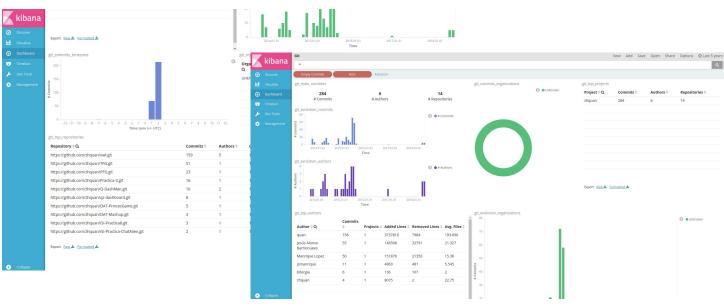


#### Generate Dashboard





### Dashboard





## Django + Q-DashMan

