

GrimoireLab from scratch

*DIY guide to using GrimoireLab for
Software Development Analytics*



Installing from pip



```
$ python3 -m venv /tmp/gl
```

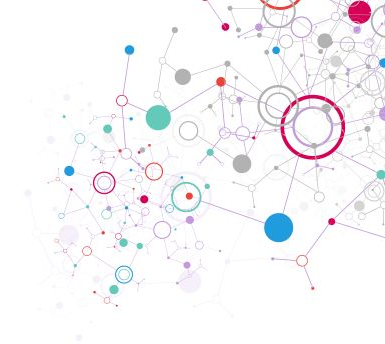
```
$ source /tmp/gl/bin/activate
```

```
(gl) $ pip install --upgrade pip setuptools wheel
```

```
(gl) $ pip install grimoire-mordred
```

grimoirelab.gitbooks.io/tutorial/content/before-you-start/installing-grimoirelab.html

Running Perceval



(gl) \$ perceval --help

(gl) \$ perceval git <https://github.com/grimoirelab/perceval.git>

grimoirelab.gitbooks.io/tutorial/content/perceval/git.html

Producing raw and enriched indexes



```
(gl) $ p2o.py --enrich --index git_raw --index-enrich git \  
-e http://localhost:9200 --no_inc --debug \  
git https://github.com/grimoirelab/perceval.git
```

(assumes Elasticsearch at http://localhost:9200)

grimoirelab.gitbooks.io/tutorial/content/grimoireelk/a-simple-dashboard.html

Producing a dashboard

(assumes Elasticsearch at <http://localhost:9200>,
Kibiter at <http://localhost:5601>)

Prepare: mordred.cfg

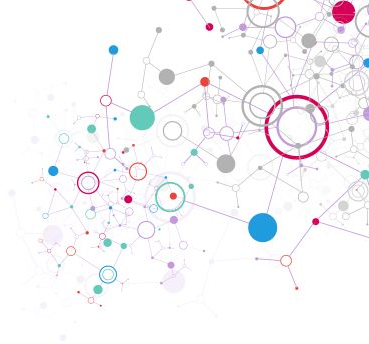
Prepare: projects.json

Maybe: identities.yaml

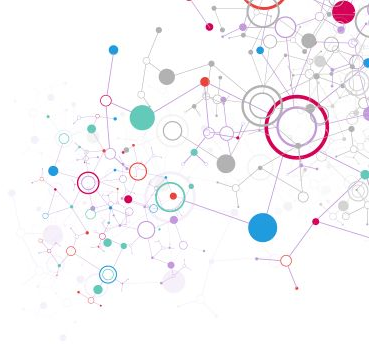
Maybe: menu.yaml

(es) mordred -c mordred.cfg

grimoirelab.gitbooks.io/tutorial/content/mordred/a-grimoirelab-dashboard-in-one-step.html



Producing a report



(assumes Elasticsearch at <http://localhost:9200>)

```
(es) $ pip install manuscripts
```

```
(es) $ manuscripts -d /tmp/report-result \
```

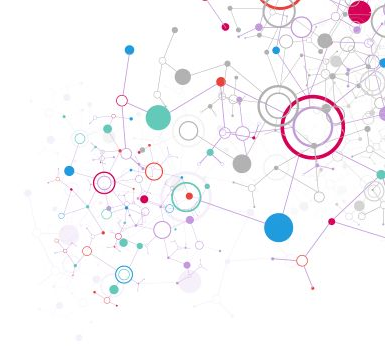
```
-u http://localhost:9200 \
```

```
-n GrimoireLab --data-sources git
```

Installing with containers

```
$ docker run -p 127.0.0.1:9200:9200 \  
-p 127.0.0.1:5601:5601 -p 127.0.0.1:3306:3306 \  
-v $(pwd)/logs:/logs \  
-v $(pwd)/mordred-jgb.cfg:/mordred-override.cfg \  
-t grimoirelab/full
```

grimoirelab.gitbooks.io/tutorial/content/before-you-start/deploying-from-dockerhub.html



Installing with containers (2)

```
$ docker run -p 127.0.0.1:9200:9200 \  
-p 127.0.0.1:5601:5601 -p 127.0.0.1:3306:3306 \  
-v $(pwd)/logs:/logs \  
-v $(pwd)/mordred-jgb.cfg:/mordred-override.cfg \  
-e RUN_MORDRED="NO" \  
-t grimoirelab/full
```

grimoirelab.gitbooks.io/tutorial/content/before-you-start/deploying-from-dockerhub.html

