Application Metrics

Monitoring 📈

Hardware

Services systèmes

Logs (ES, Kibana, etc)

Lisibilité

Extraction de la bonne info

Gestion d’erreur

Rollbar, Airbrake, Sentry, …

Erreurs

Page de statut / admin

Info choisies, pertinentes

Temporalité ?

Monitoring + Statut

Prometheus

Time series database

https://prometheus.io/

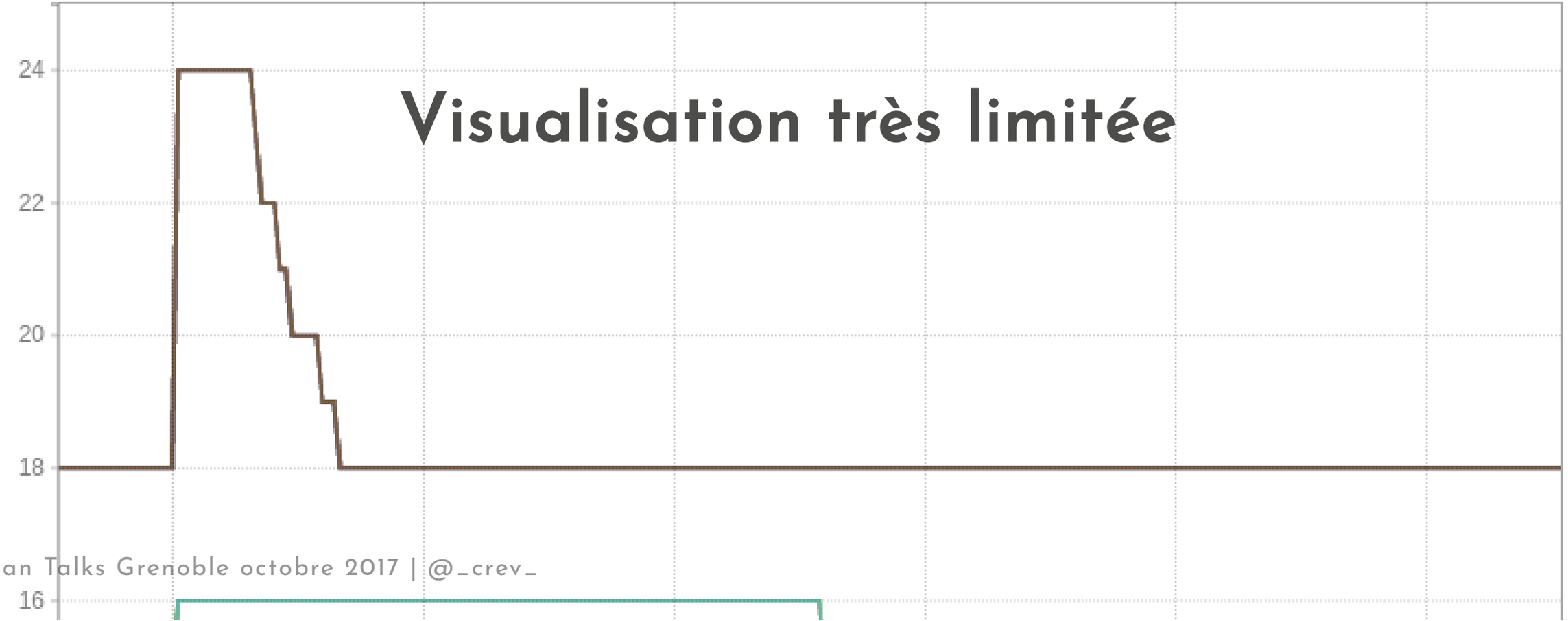
- Poll (toutes les x secondes) `/metrics`
- Format texte ou `protobuf`
- Enregistre avec timestamp
- Requêtes
- Formules

Load time: 88ms
Resolution: 86s
Total time series: 6

Execute | - insert metric at cursor -

Graph | Console

− 6h + | Until | Res. (s) | stacked



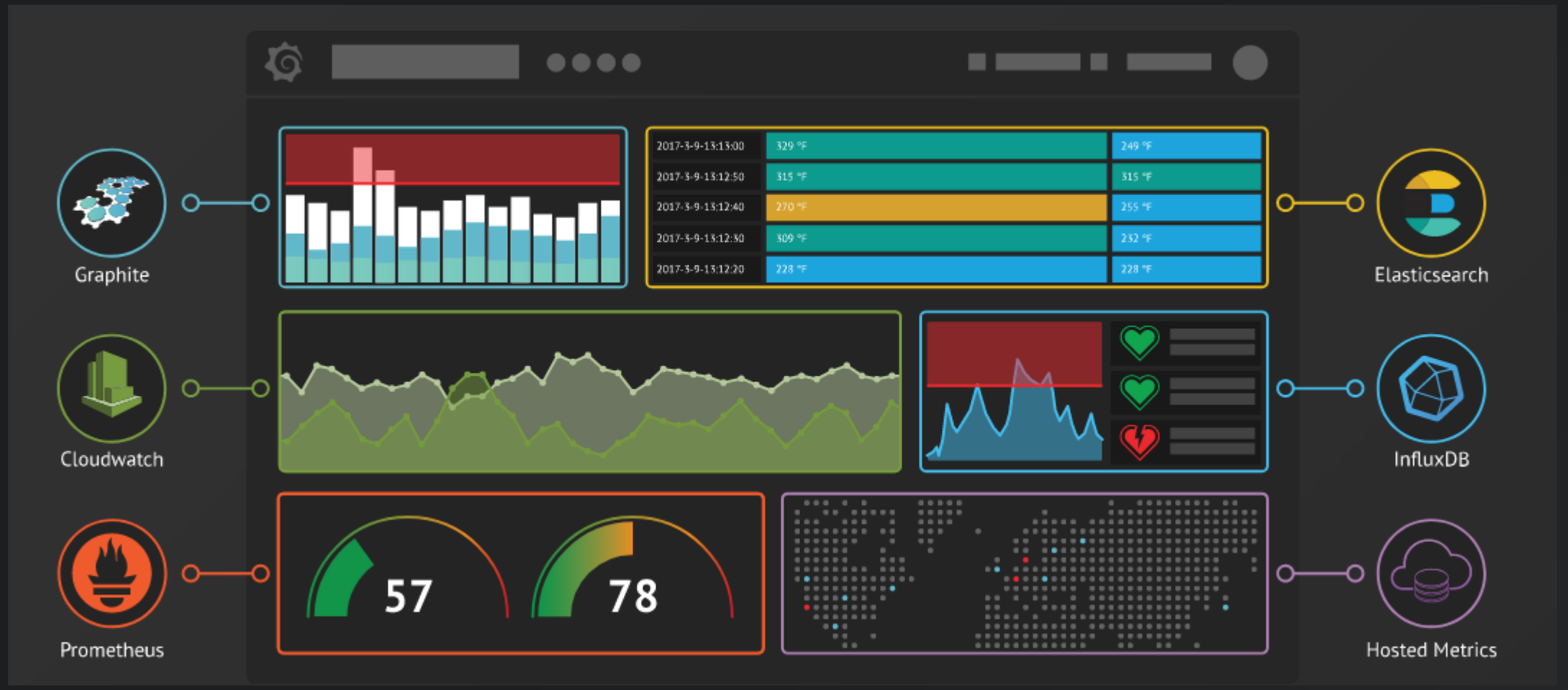
Visualisation très limitée

Grafana

The open platform for beautiful analytics and monitoring

https://grafana.com/

- Dashboard
- Visualisation
- Différentes sources (prometheus, elasticsearch, cloudwatch, etc)

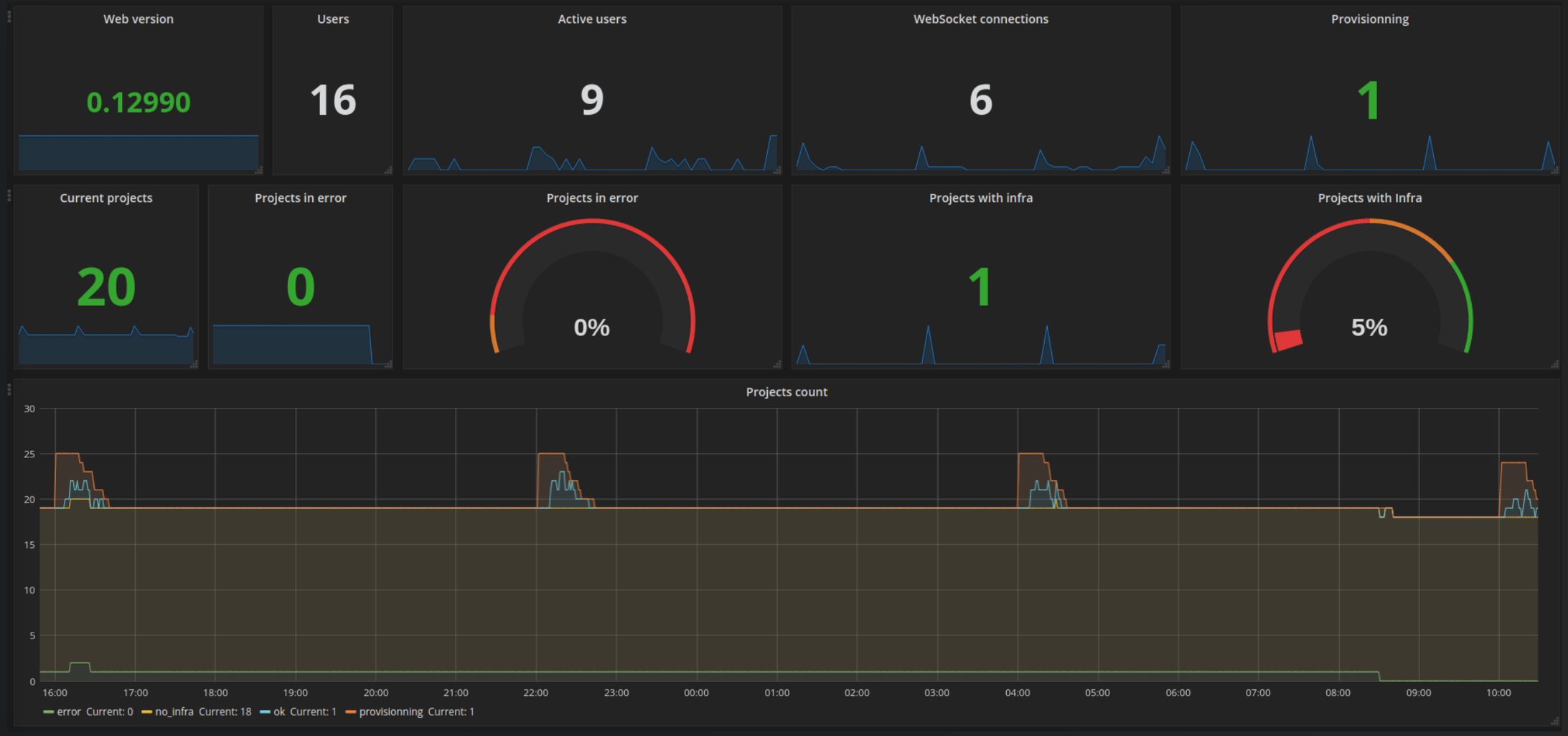

Graphite
Cloudwatch
Prometheus
Elasticsearch
InfluxDB
Hosted Metrics
2017-3-9-13:13:00
329 °F
249 °F
2017-3-9-13:12:50
315 °F
315 °F
2017-3-9-13:12:40
270 °F
255 °F
2017-3-9-13:12:30
309 °F
232 °F
2017-3-9-13:12:20
228 °F
228 °F
57
78

Et en pratique ?

/metrics

```
projects_count 18
project_infra{status="ok"} 0
project_infra{status="error"} 0
project_infra{status="provisionning"} 0
project_infra{status="no_infra"} 18
connection_pool_count 5
connection_pool{details="connections"} 5
connection_pool{details="busy"} 2
connection_pool{details="dead"} 0
connection_pool{details="idle"} 3
connection_pool{details="waiting"} 0
action_cable_connection_count 0
users_count 16
active_users 0

# HELP version Version number
version{service="web"} 0.1299
```


Web version
0.12990
Users
16
Active users
9
WebSocket connections
6
Provisionning
1
Current projects
20
Projects in error
0
Projects in error
0%
Projects with infra
1
Projects with Infra
5%
Projects count
30
25
20
15
10
5
0
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
error Current: 0
no_infra Current: 18
ok Current: 1
provisionning Current: 1

(santé de l'app)

(aide au debug)

(retour dans le temps)

Thanks 🙏

SQUARESCALE