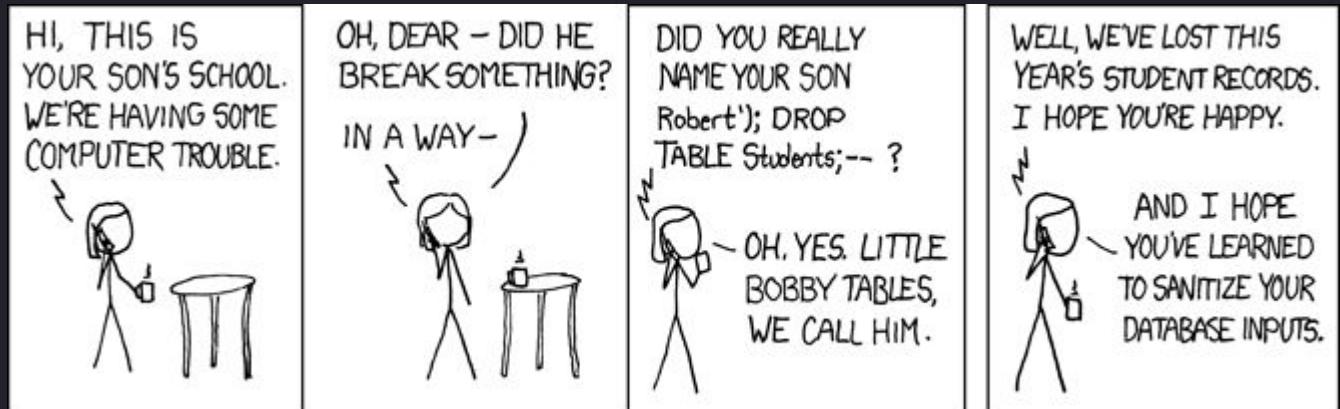


What's in a name? Grafana





Nabeel Saad

Principal Solution Engineer, Grafana Labs

- Fan de Sci-Fi et les jeux vidéo
- J'aime l'ultimate frisbee, trapèze volant, le parachutisme
- Je découvre une nouvelle vie en Italie. Bref : food coma



www.linkedin.com/in/nabeelsaad/



@saadnabs



I guess I could use a little social interaction.



PDF reporting



Permissions



Cache



Plugins



Support



Audit logs

Connaissez-vous d'autres projets OSS liés à Grafana ?



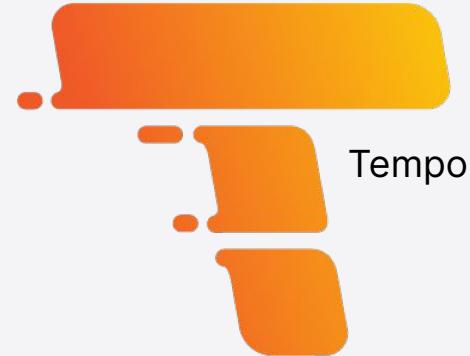
Connaissez-vous d'autres projets OSS liés à Grafana ?



Loki



Mimir



Tempo



OnCall



K6



Faro



Phlare



**Alors, qui est derrière Grafana
Labs?**



Grafana Labs

1000+

Employees across
40+ countries

1M+

Instances across
LGMT Cloud and
OSS

10M+

Users across OSS
and Cloud Free tier

Open source is at the heart of what we do



Employ **91%** of the
Loki team
members, including
project founders



Employ **89%** of
Grafana team
members, including
project founders



Employ **100%** of
the Tempo team
members, including
project founders



Employ **100%** of
the Mimir team
members, including
project founders



Employ **44%** of the
Prometheus team
members



The **leading
contributors** to the
Graphite project



Employ the **founders**
of Oncall, Faro and
Phlare



Comment tout a
commencé...

Il était une fois ...





Torkel Ödegaard



+



FORK THE CODE



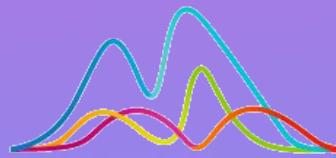
= raintank



Torkel Ödegaard



+



FORK THE CODE



= rainGrafana Labs

2017



Il était une fois ...



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Dear Graphite Users and Developers



Raj Dutt • July 6, 2016 • 4 min



My name is Raj Dutt, and I am the co-founder and CEO of raintank, Inc.

As many of you know, raintank is the company behind Grafana, which our co-founder Torkel created Graphite almost 3 years ago. Today, Grafana supports dozens of different time series databases.

Overall, we think Graphite is pretty awesome.



Products Open source Solutions Learn Company

Grafana 4 announcement

Published: 30 Nov 2016

Combined with the latest releases of Snap and Graphite, Grafana Labs Offers a Complete, Supported, and Fully Open Monitoring Stack.

November 30, 2016 – NEW YORK, NY (GrafanaCon) – Grafana Labs, the team behind popular time-series data visualization tool Grafana, announced the release of Grafana 4.0 today at GrafanaCon. With the latest update, Grafana now offers alerting, which transforms the visualization dashboard into a powerful monitoring tool. It also includes hundreds of new updates, many of which improve its functionality and user experience.

In addition to Grafana 4.0, Snap, the open telemetry platform from Intel, and time-series database Graphite, also announced major milestones. These three leading components let users easily analyze, collect and store a wide range of disparate time series metrics. Together, they combine to form a complete, and fully open source monitoring stack that will underpin fully supported offerings from Grafana Labs.

Prometheus: solution de facto pour la surveillance K8S



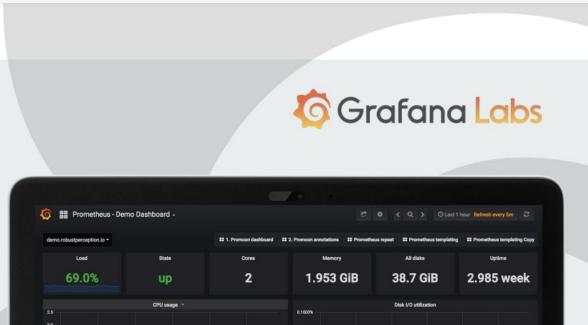
Prometheus is the default monitoring solution for all K8S distributions

- ✓ Easy to use and light weight
- ✓ Dynamic assets are managed with service discovery
- ✓ A large repository of integration (Exporters)
- ✓ PromQL - a powerful query language
- ✗ High availability & High cardinality
- ✗ Security and global view
- ✗ Scalability & Long term storage

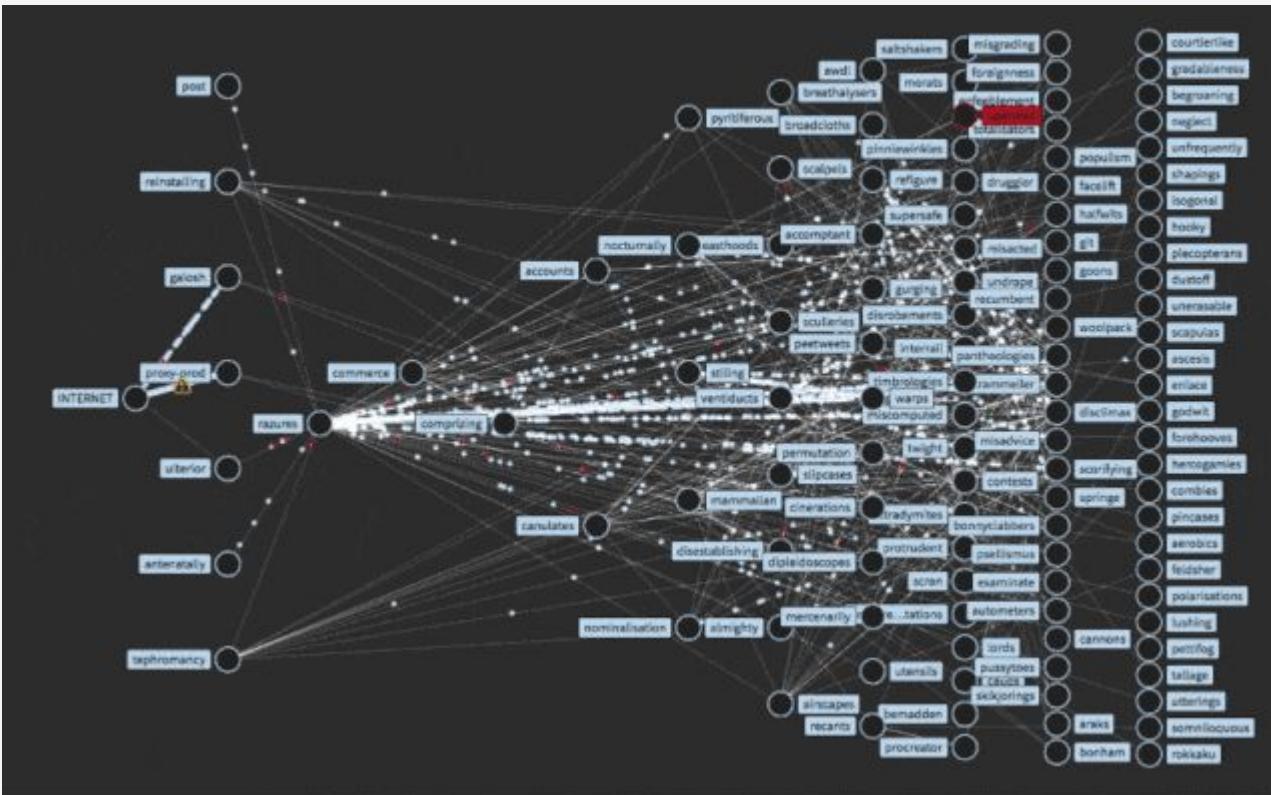
Explore your Prometheus data in Grafana

David Kaltschmidt
@davkals

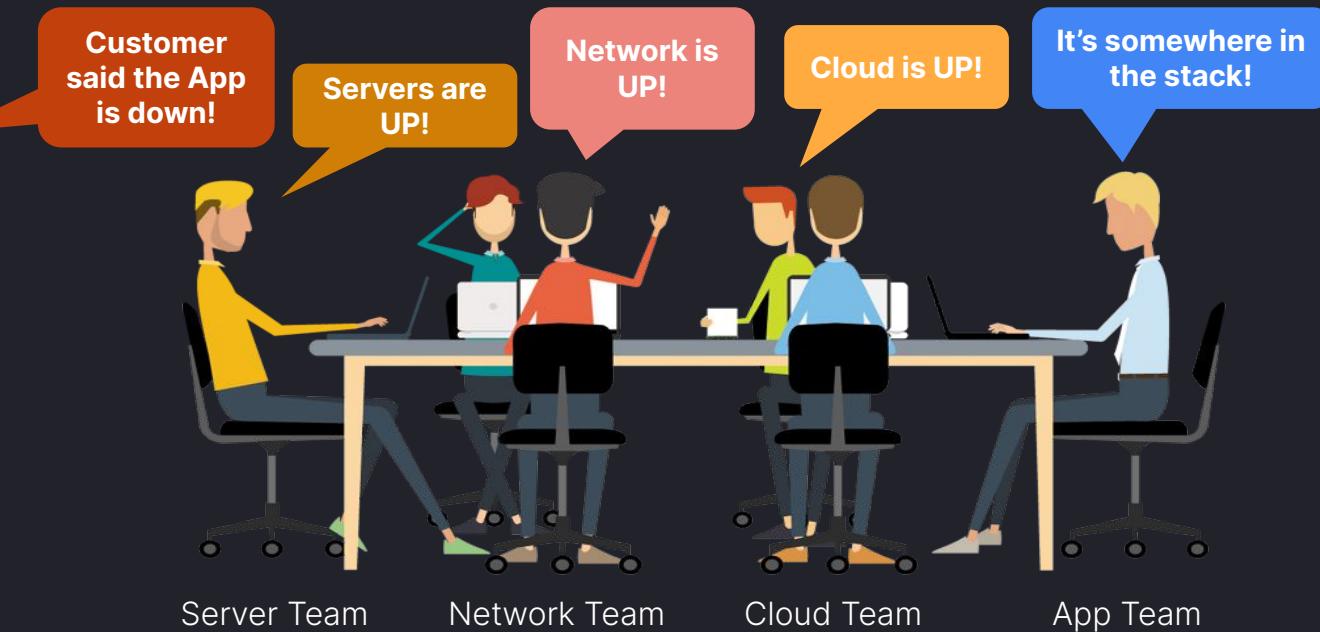
PromCon 2018



Les microservices sont partout



Il y avait de plus en plus de silos...



- Incidents non détectés
- RCA non définis
- MTTR étendu
- Collaboration inefficace
- Violations des SLA



Défis auxquels nous et nos clients avons été confrontés

- Corrélation des métriques, des logs et des traces
- Manque de visibilité unifiée
- Passage à l'échelle vs échantillonnage/agrégation
- Effort de maintenance et TCO
- Prise en charge des applications cloud natives dynamiques



ZIPKIN



elastic



cassandra

La stack d'observabilité Grafana open source et composable

Visualize
Business, Application, and Infrastructure



Enterprise Plugins  +100s more Community Plugins

Prevent
Performance Testing

 Load Testing  Browser Testing

Find
Telemetry

 Metrics  Logs  Tracing

Act
Incident Response & Management

 SLO  Alerting  OnCall  Incident

Security + Scale + Support

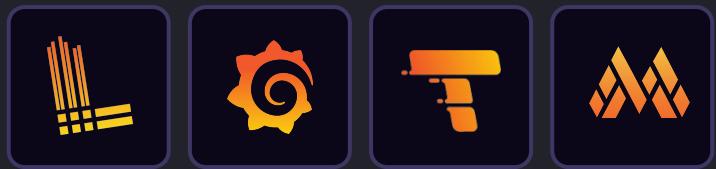
Observability-as-code

Open APIs + Webhooks + Terraform, Ansible

A Unique Philosophy : Get control over your strategy

Observability by open source

A modern, complete and highly modular platform fully built on OSS



Big tent

Flexibility and openness without limits to integrate 3rd party data

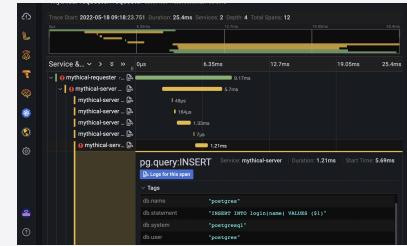
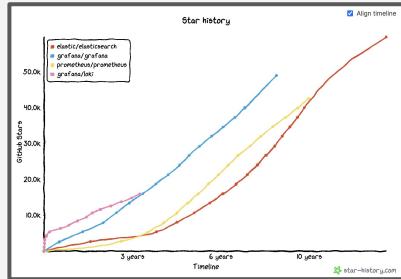
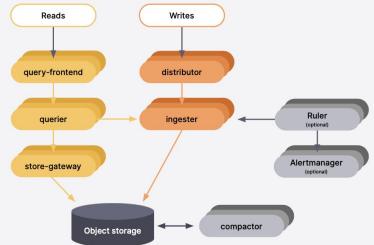


Deployment Flexibility

Open-source | Enterprise | Grafana Cloud



A prometheus inspired full stack observability



Mimir

Highly scalable, highly available multi-tenant, durable storage drop-in replacement for Prometheus



Loki

Low TCO, Highly scalable and easy to operate logging system

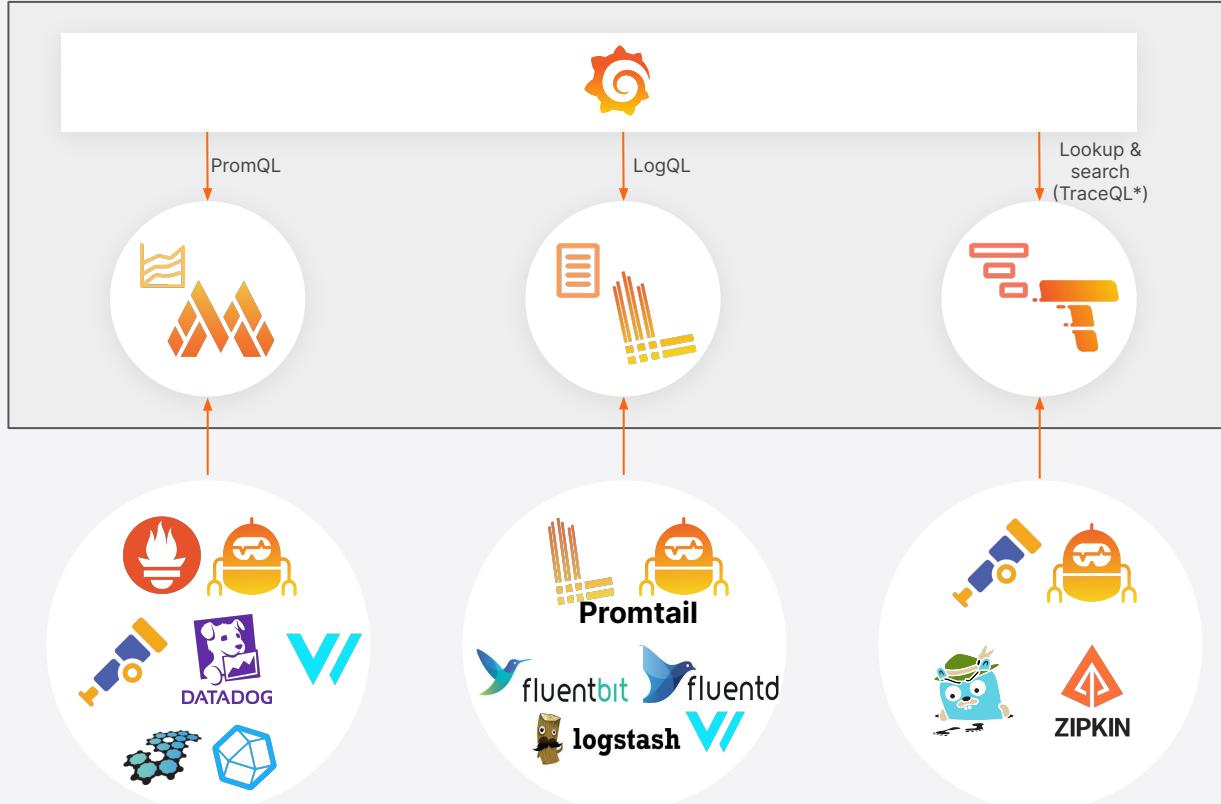


Tempo

Backend compatible with OpenTelemetry, inexpensive at scale, 100% sampling is possible

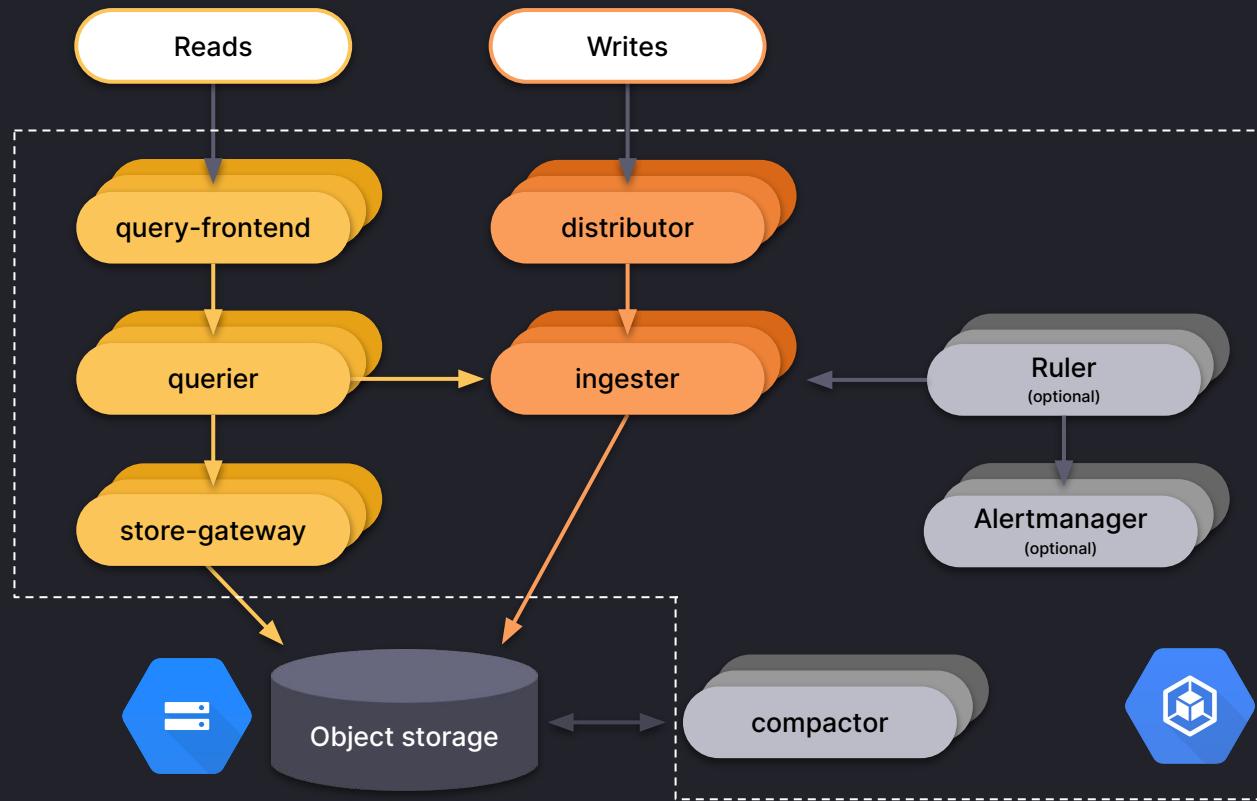


Unified platform and format agnostic





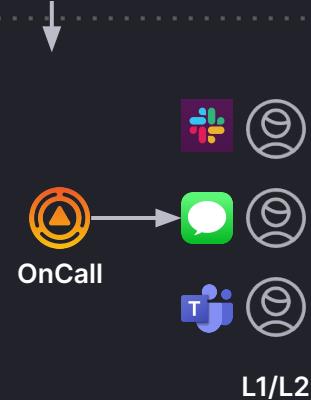
Microservices architecture (Mimir, Loki)



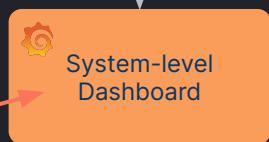
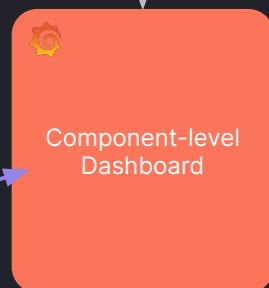
66 99

That is the
shortest MTTR I
have ever seen!

100+ Data Sources (O11y, ITSM, DBs, Dev Tools)



Latency SLO
violated
[Link to dashboard](#)



Look at
metrics and
logs

Specify labels

Dive into the
traces and
code



Grafana Labs Customer Experience Team



PS

Professional Services

are partners in implementing your business and technical needs, both for initial implementation and ongoing optimizations as your needs evolve.



CS

Customer Success

is an extension of your team, focused on understanding your business goals to craft your observability strategy, ensuring successful business outcomes, and providing insight into new functionality to help your business.



CS

Customer Support

is focused on providing assistance and guidance when you have questions or need to troubleshoot an issue.



ED

Customer Education

ensure your team gets the expertise they need to get the most out of Grafana, providing training on our tools and guidance on best practices.



Correlation demo

How to run the stack



OSS

Install, administer, and maintain Grafana projects on your own

- Community Supported
- CLI/UI available
- Always free



Enterprise Stack

Self-managed and Grafana Labs supported

A self-hosted and managed option for organizations who have special requirements around data localization and privacy



Grafana Cloud

A fully managed stack for Grafana, metrics, logs, and traces

Hosted, managed, and administered by Grafana Labs
Offers free and paid options for individuals and teams

Si vous retenez une chose de cette présentation...

... créez un compte 100% gratuit



GrafanaLabs

Sign up for Grafana Cloud

[Google](#) [GitHub](#) [Microsoft](#) [Amazon](#)

or

Email

Password [@](#)

Send me news and feature updates.

[Create my account](#)

Have an account? [Log in](#)

Account includes

Grafana Pro
14-day trial
Unlimited metrics, logs, traces, and long-term retention and premium team collaboration features.

Free Forever Cloud
3 users
10,000 active series for metrics
50 GB of logs
50 GB of traces
30 notifications for OnCall
14-day retention

Restons en contact

Réécoutez la série de webinars en français

Seminar

Tout connaitre sur Grafana: La plateforme d'observabilité ouverte

Du 07 Octobre 2021 au 3 Février 2022 | 01 heure

Aperçu de la série de séminaires Grafana Labs

Pour la première fois, Grafana organise des événements diffusés dans votre langue locale ! Nous sommes ravis de lancer une série de 6 séminaires virtuels en Français à partir d'octobre 2021. Dans chaque séminaire, nous aurons une présentation de 45 minutes avec 15 minutes de questions-réponses en direct sur des sujets variés, notamment Grafana Enterprise, Grafana Cloud, Loki, Prometheus, GEL et GEM . Inscrivez-vous dès aujourd'hui aux sujets qui vous intéressent ! Au plaisir de vous rencontrer virtuellement dans l'une de ces sessions!

Événements à venir

 **Abdelkrim Hadidj**
Senior Solutions Engineer
Grafana Labs

Abdelkrim est un expert des logiciels Open Source et aime partager son expérience et les bonnes pratiques avec le plus grand nombre durant ses meetups ou des conférences de technologie comme ApacheCon, GrafanaCon, Strata ou Flink Forward.

<https://bit.ly/grafana-fr>



Nabeel Saad
nabeel@grafana.com

Q&A



Merci pour votre attention!

Sign up: <https://grafana.com/get>

Download: <https://grafana.com/grafana/download>

Get involved: <https://community.grafana.com/>

Get inspired: <https://grafana.com/grafana/dashboards>

Find more visualizations: <https://grafana.com/plugins>