

Leveling up your Grafana Skills

15 Oct 2024



Grafana **Labs**

RabbitMQ
Summit
2024

Presenter



Syed Usman Ahmad
Sr. Developer Advocate



About me

What I do?

My previous roles?

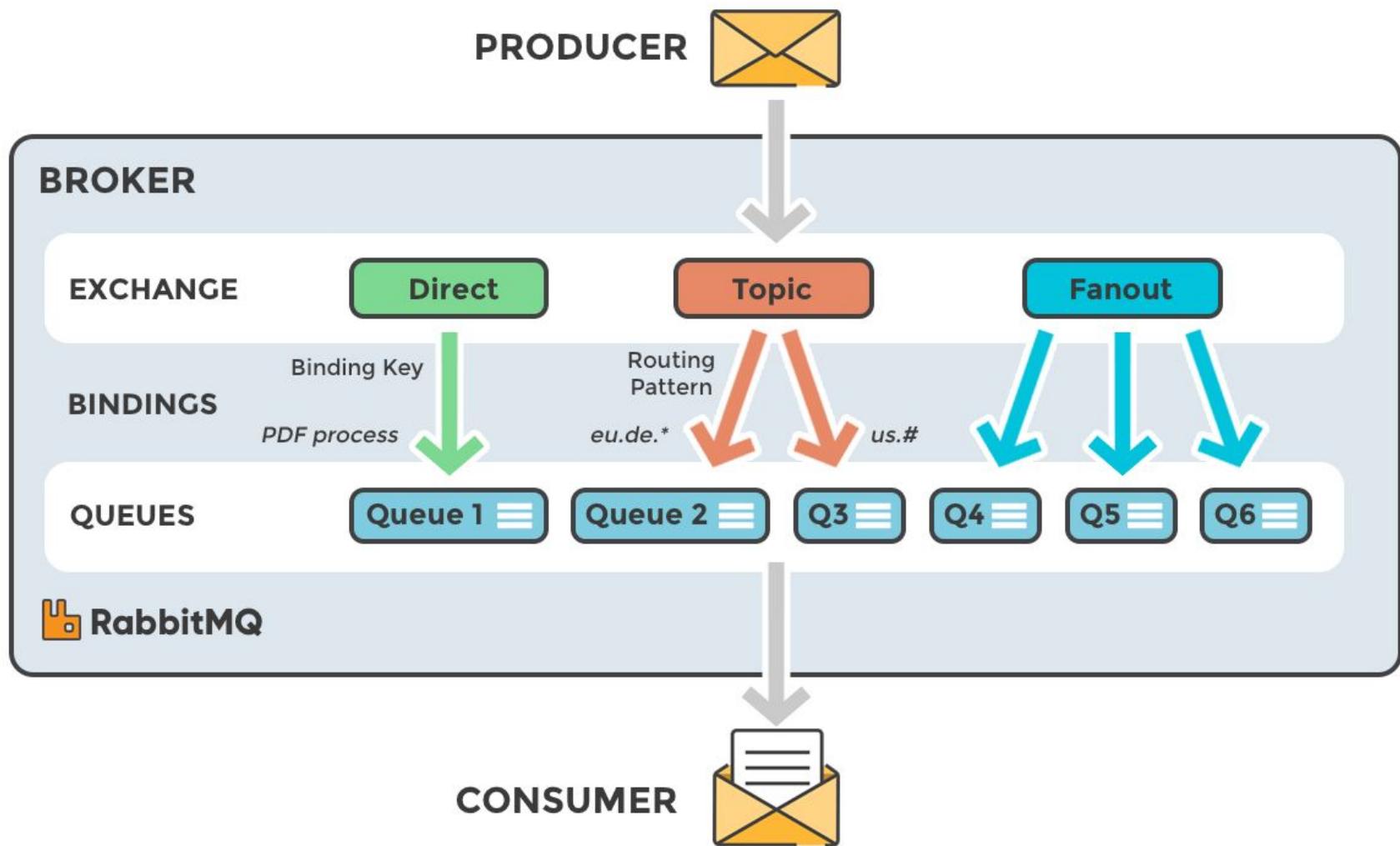
What I do beside work?



github.com/usmangt









How to Monitor + Visualize Messaging Queues?



Using Grafana

- 1 Available on all Platforms 
- 2 Support various Visualisation formats 
- 3 Only need a Data source 





Memory / CPU



logins



timeshift -1h

Memory



Logouts



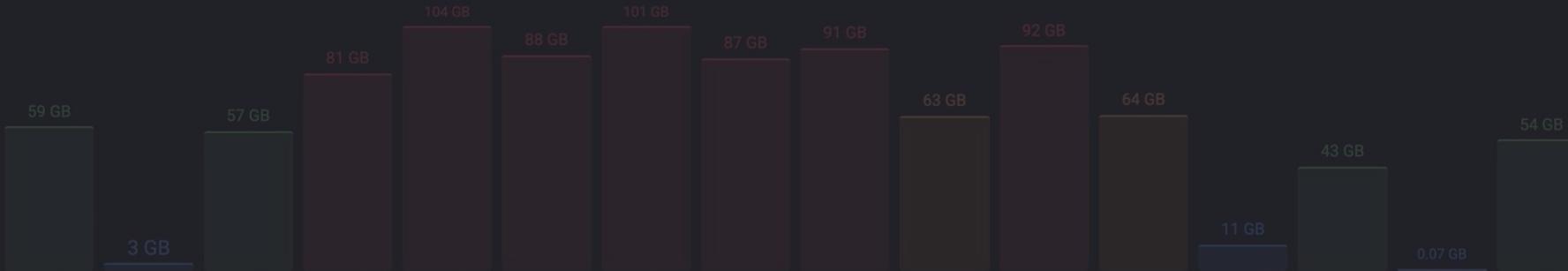
Sign ups



server requests ▾



Demos



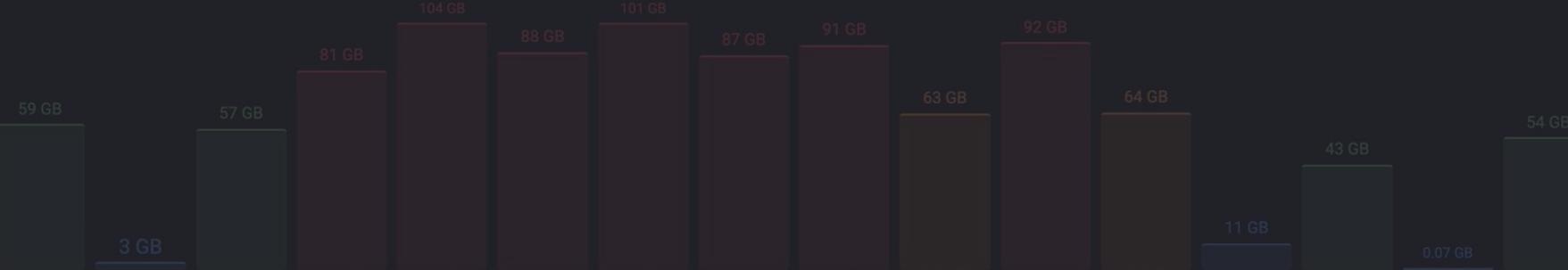
What's Changed Since v.8.x

- 1 Improved Backend + New Frontend 
- 2 New Plugins Management Section 
- 3 Better Alerts & Metrics 





Dashboarding with Ease



Dashboard Features

- 1 Sharing 

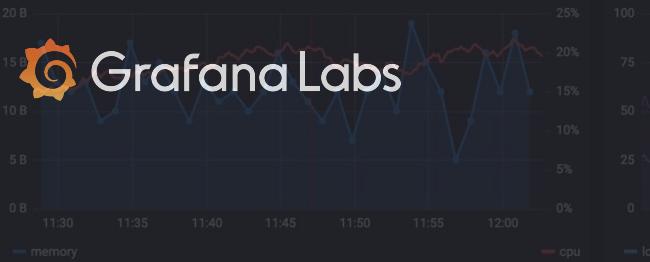
- 2 Search Navigation 

- 3 Public Dashboards 



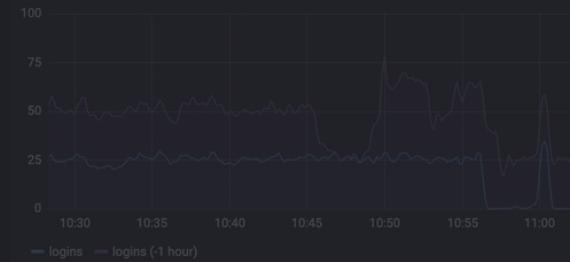


Memory / CPU



logins

timeshift -1h



Memory



Logouts



Sign ups



Sign outs



server requests ▾



Demo



client side full page load





Memory / CPU



logins

timeshift -1h



Memory

Sign ups



Logouts

Sign outs

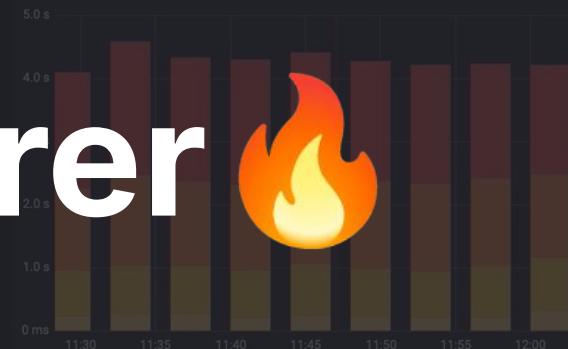


Sign outs

server requests ▾



client side full page load



Metrics Explorer 🔥



Prometheus Metrics Query Editor

- 1 Core Plugin 
- 2 Supports Grafana features
- 3 Auto query suggestions 





Memory / CPU



logins



Memory



Sign ups



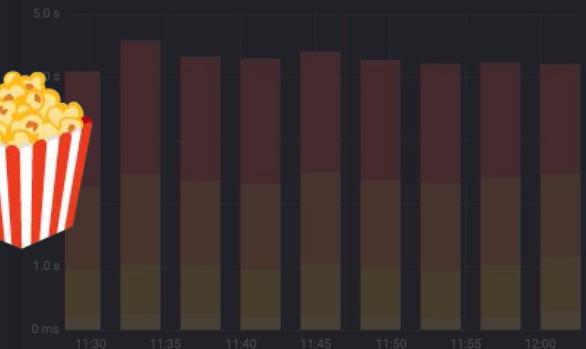
server requests ▾



Demo



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Memory / CPU

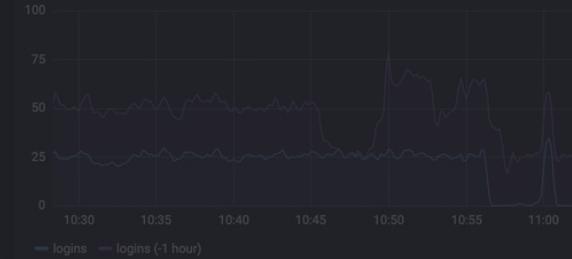


logins

timeshift -1h

Memory

Sign ups



89 B

Logouts

265

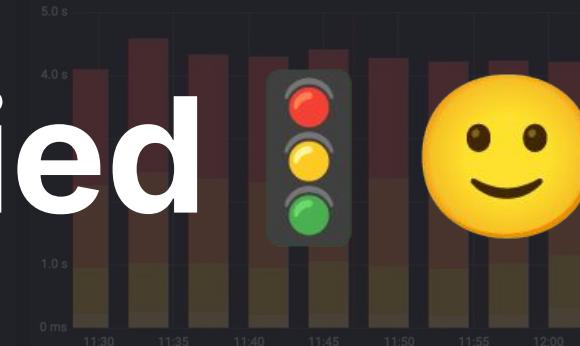
Sign outs

262

client side full page load



Alerting Simplified



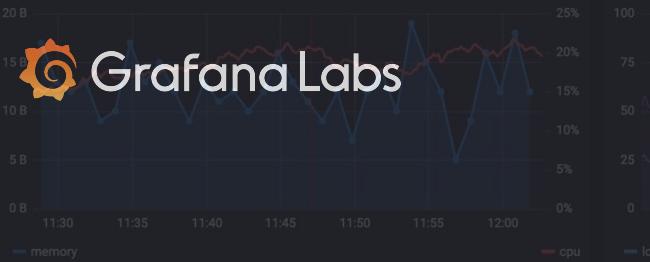
Alerting

- 1 Send Alerts Easily 
- 2 Support various contact points 
- 3 Incorporate into an IRM 



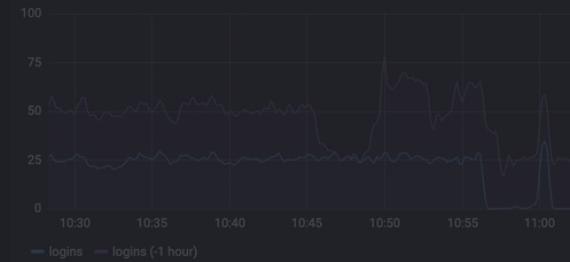


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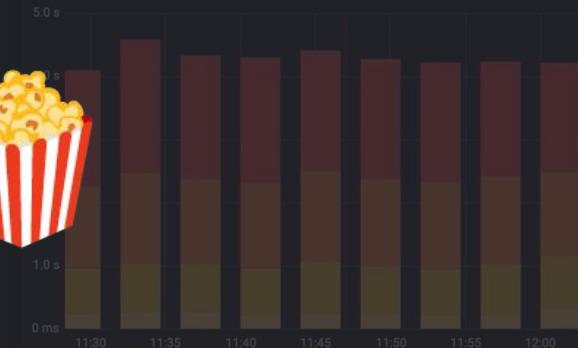


Logouts

Sign outs



client side full page load



Leveling up to Next Level



Your open and composable observability stack



Your Environment



Applications and Infrastructure



Composable Stack

OSS or Commercial



Loki



Grafana



Tempo



Mimir



Pyroscope

Grafana Agent



Native
OTel, Prometheus

No Lock-in
Open standard



COMMUNITY



The 3 Pillars

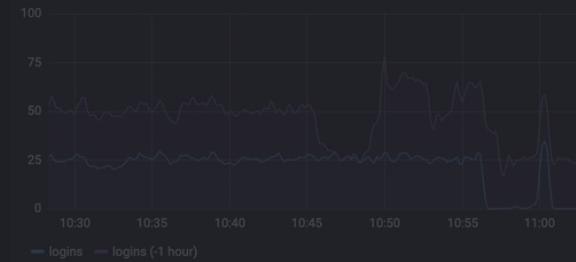
- 1 To report bugs, feature-request:
 - GitHub [repo](#)  [grafana-grafana](#)
- 2 Other useful resources:
 - Slack channel [#grafana](#)  [#grafana](#)
 - Community [forum](#)  [community.grafana.com](#)



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Memory



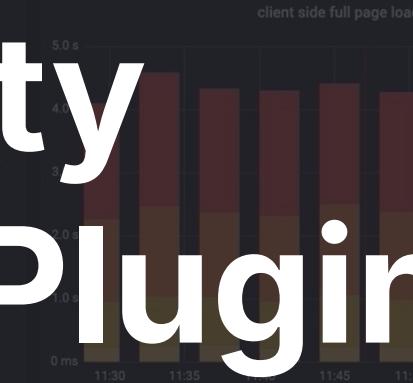
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Community Dashboards + Plugins



Community Dashboards

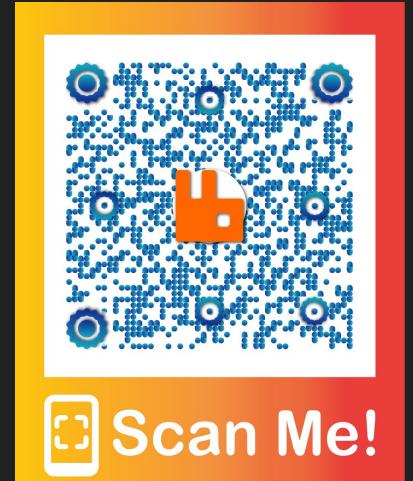
- 1 From the Community for Community!!
- 2 →<https://grafana.com/dashboards>
- 3 Time saving !!

Community Plugins

- 1 From the Community for Community!!
- 2 → <https://grafana.com/plugins>

RabbitMQ Community Plugin

- 1 RabbitMQ Plugin 
- 2 Integration, Innovation, Interoperability





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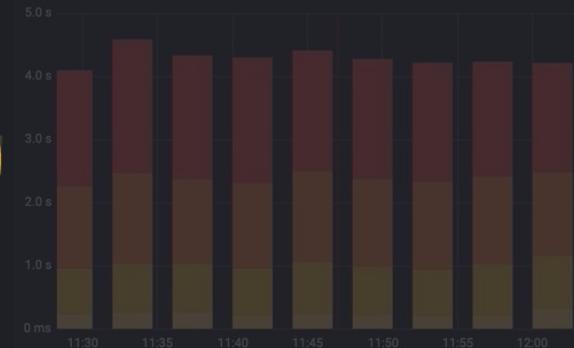
server requests ▾



Demo

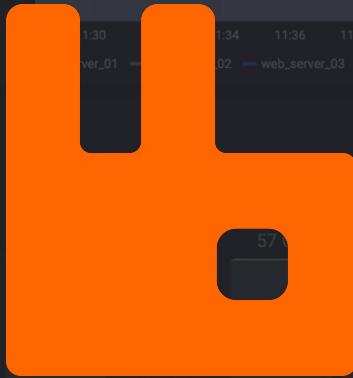


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Become a part of the Open Source Ecosystem!!



How to Engage?

- 1 Join the Community
- 2 Contribute to Docs
- 3 Developer Portals



Grafana Champions Program

- 1 Join the Experts
- 2 Collab with Devs
- 3 Get updated news!!



<https://grafana.com/community/champions/>



Takeaways

- 1 Enhanced Experience
- 2 Advanced Cloud Features
- 3 Wide Community Support





Thanks for participating!

Contact me:



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linkedin.com/in/usmanlinux/

