The complete O11y Stack for your Web Applications

06 Dec. 2023

Grafana Labs

Presenter

Syed Usman Ahmad

Sr. Developer Advocate

About me

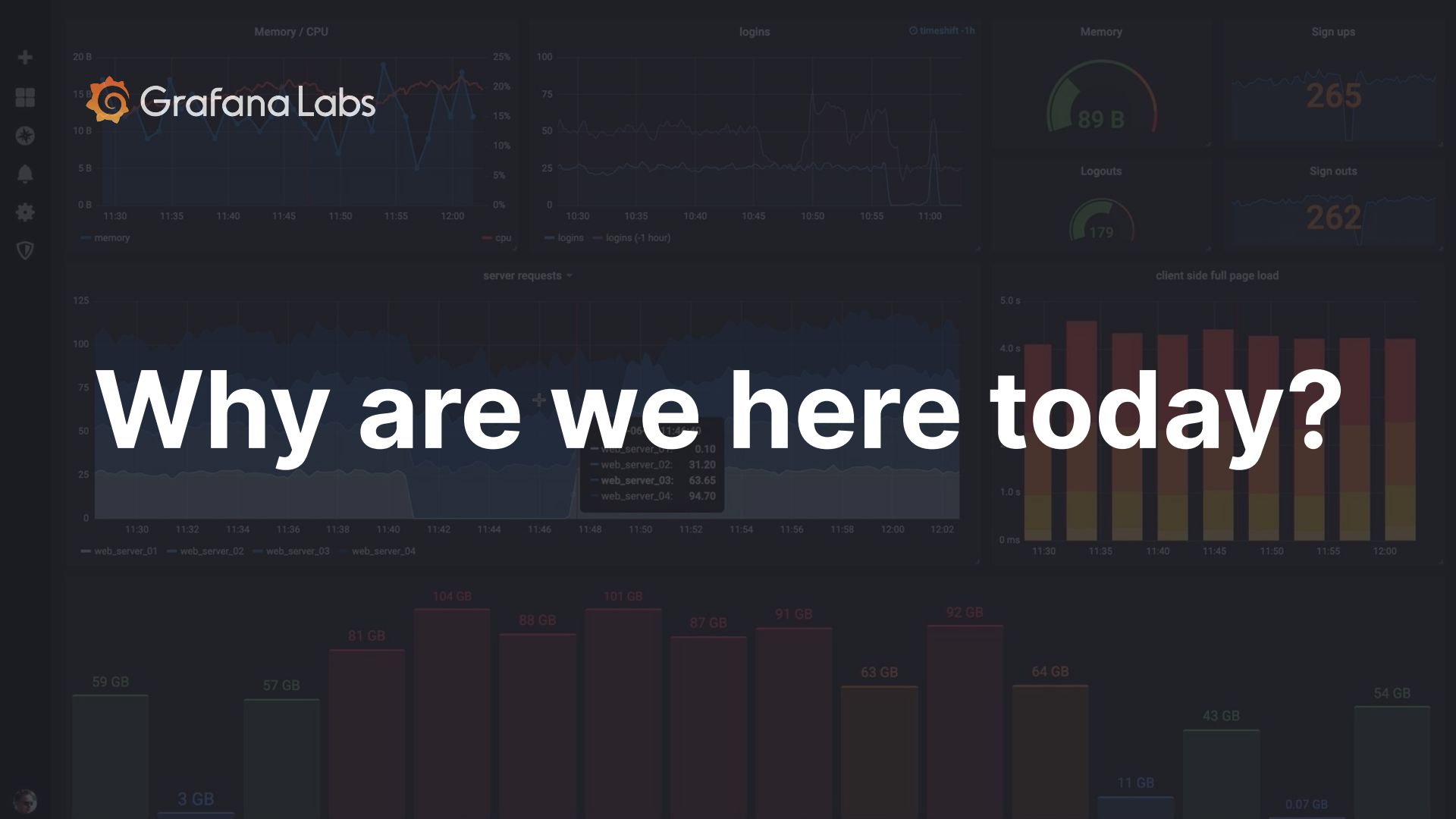
What I do?

My previous roles?

What I do beside work?

↘

github.com/usmangt



Why are we here today?

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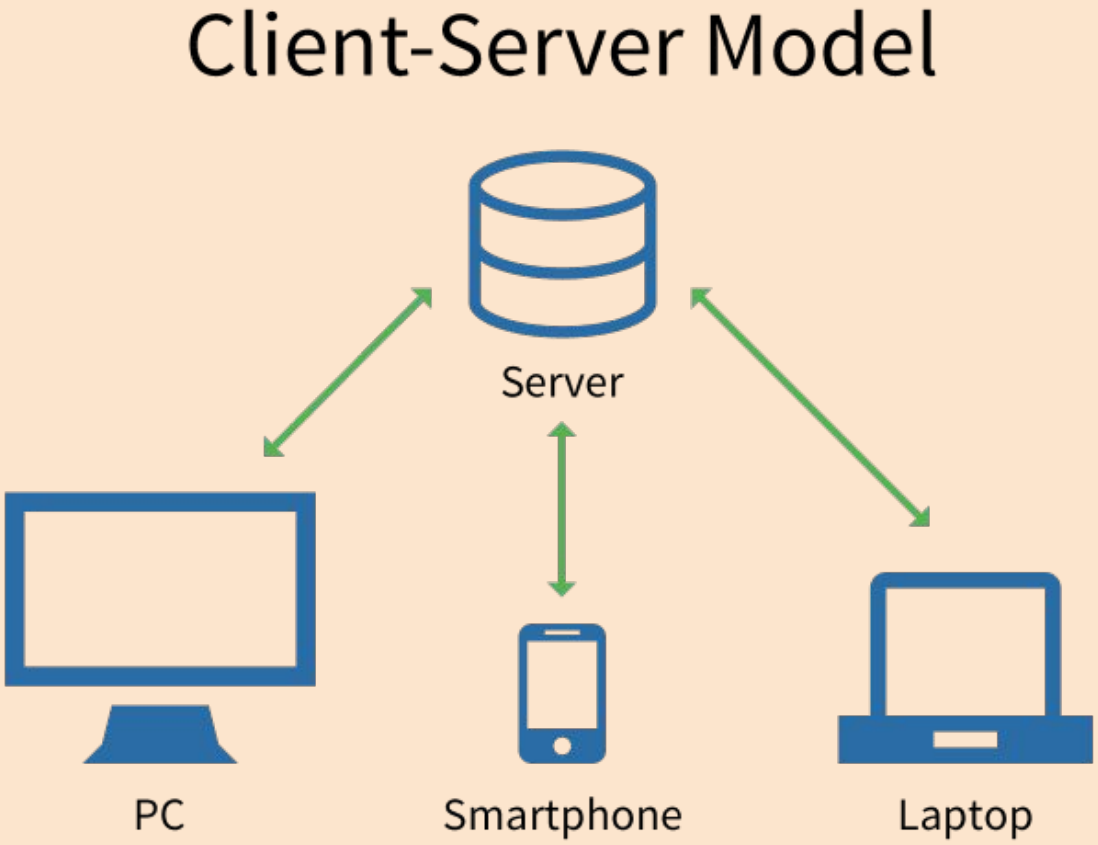
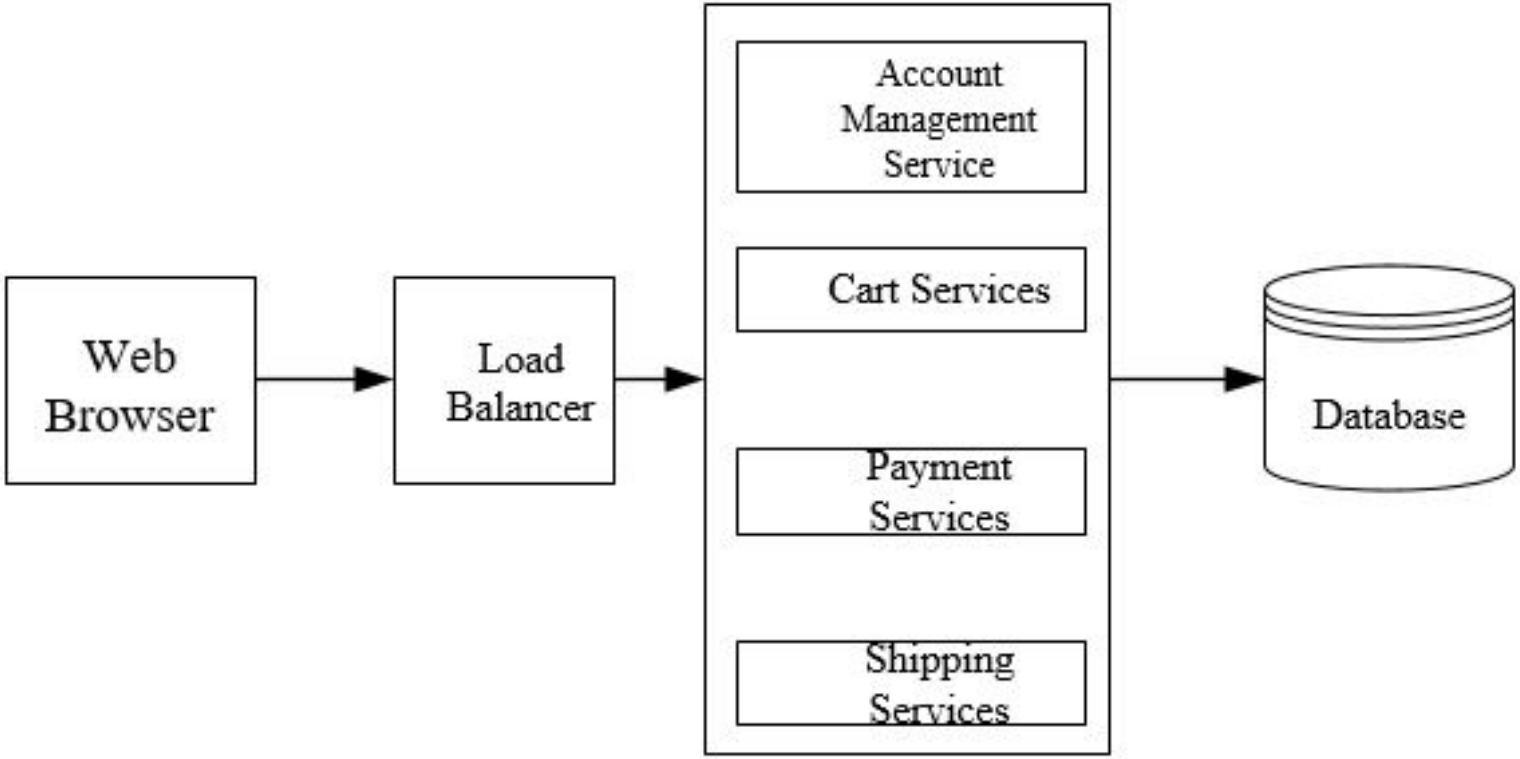
A History on Web Application

Web Applications

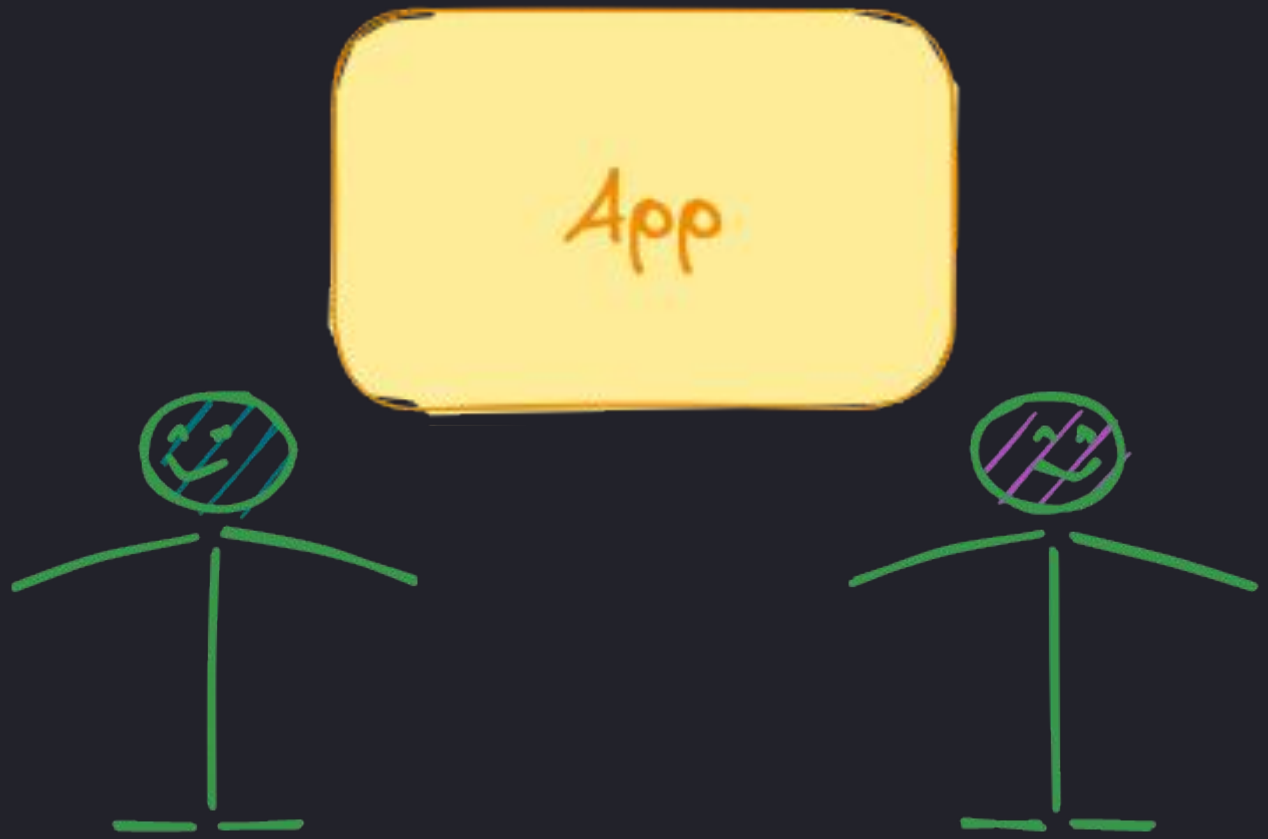


Web Applications



A. Monolithic Web Architecture

How do you observe your applications today?



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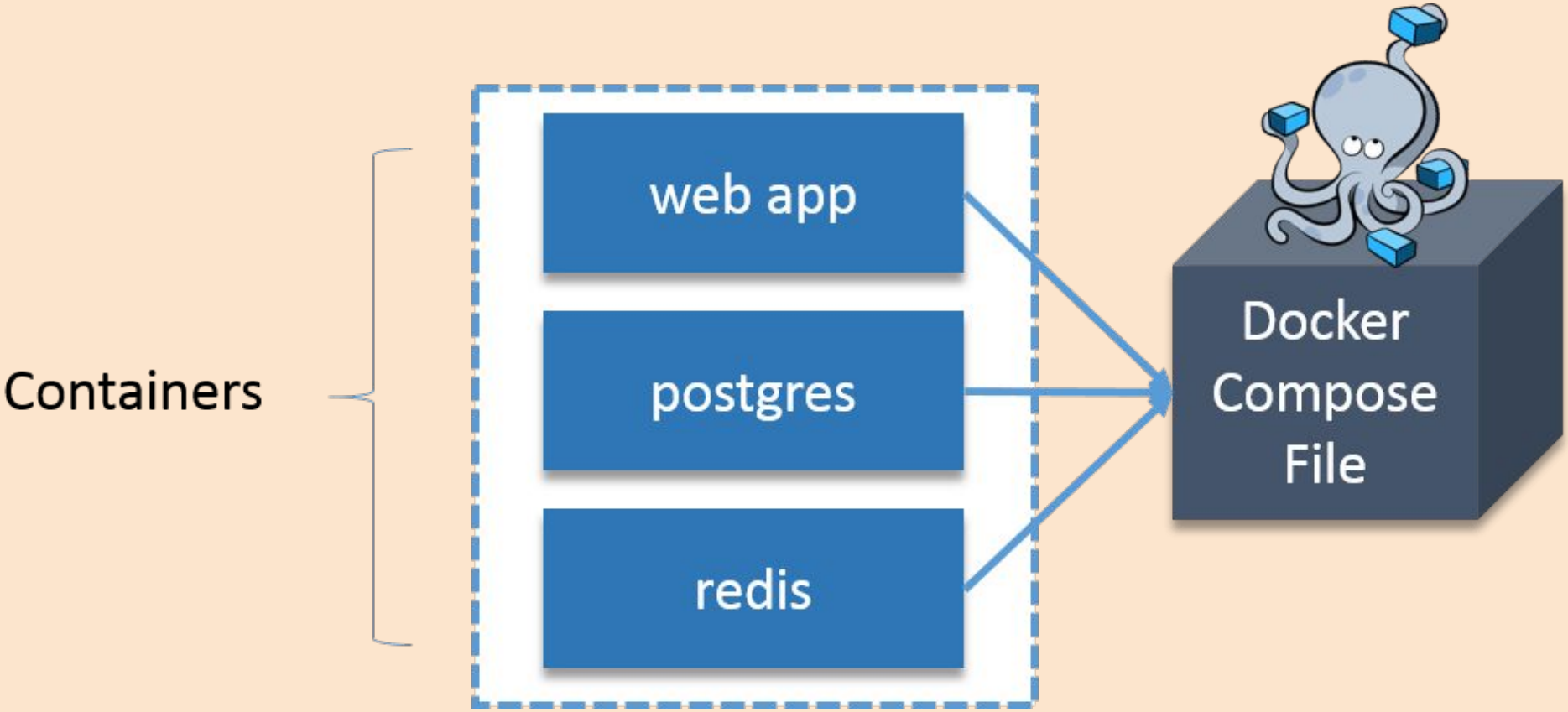
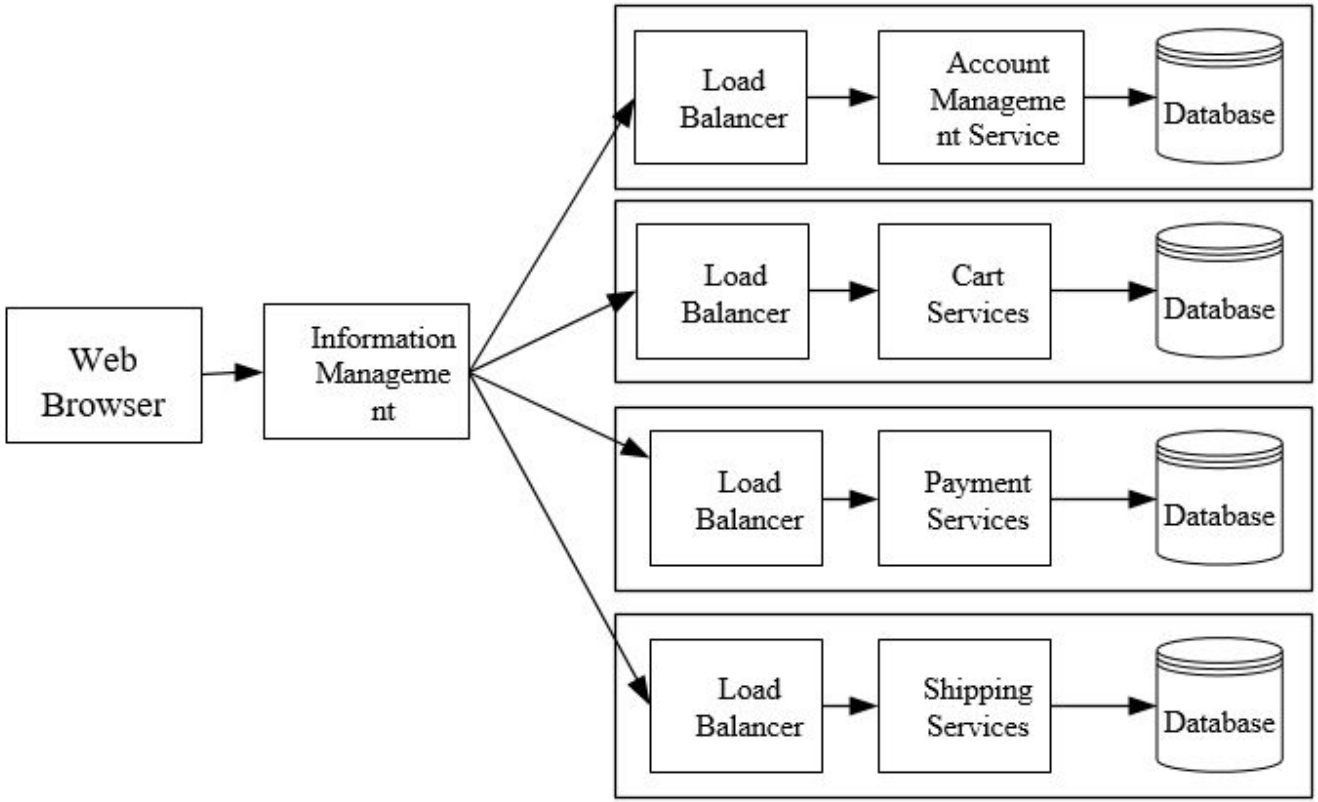
The Evolution of Containerization

Web Applications



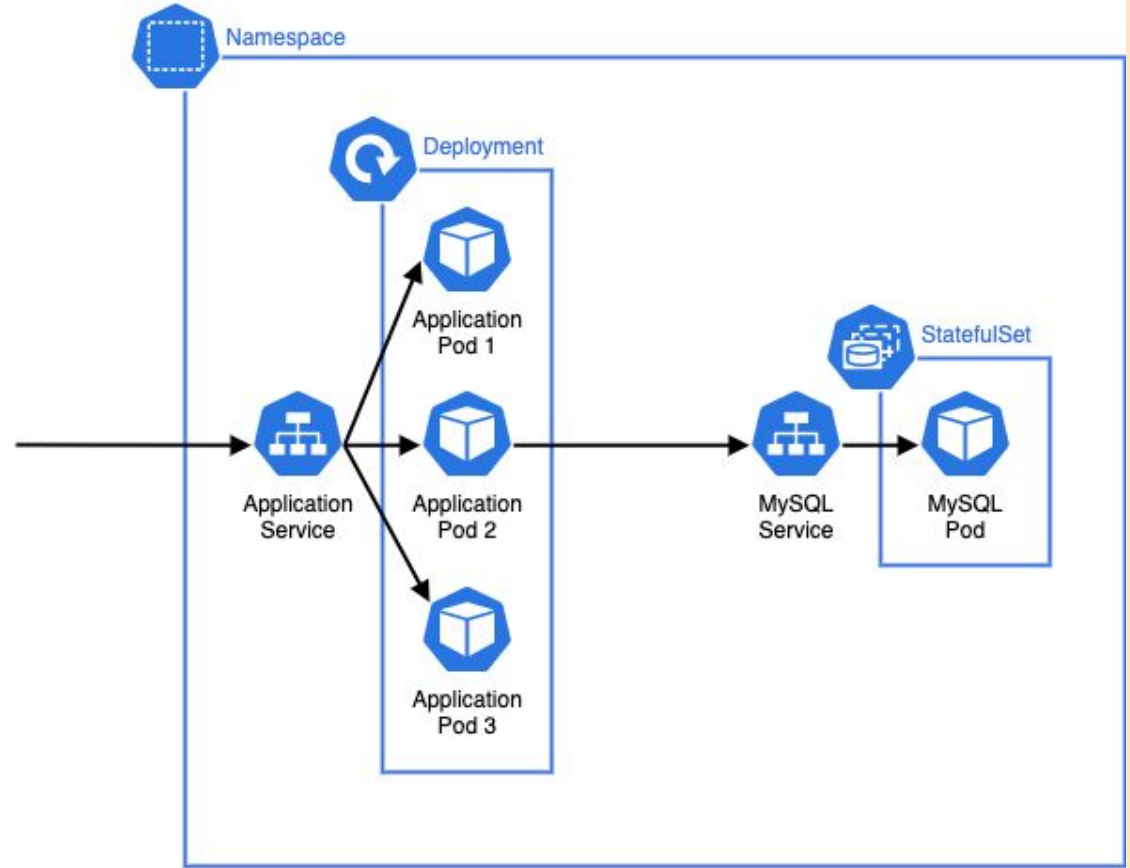
Web Applications



B. Microservices Web Architecture

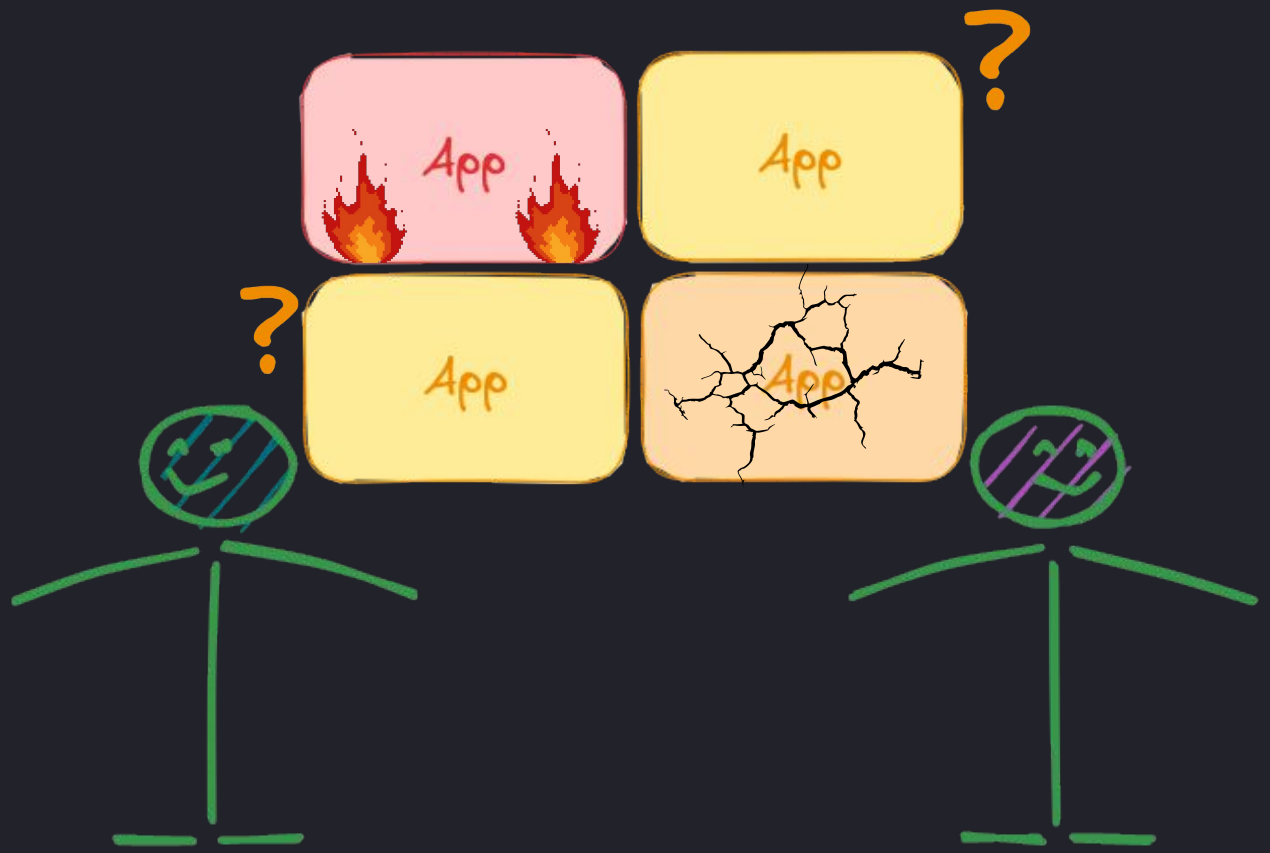
Microservice Apps + K8s

Web Applications

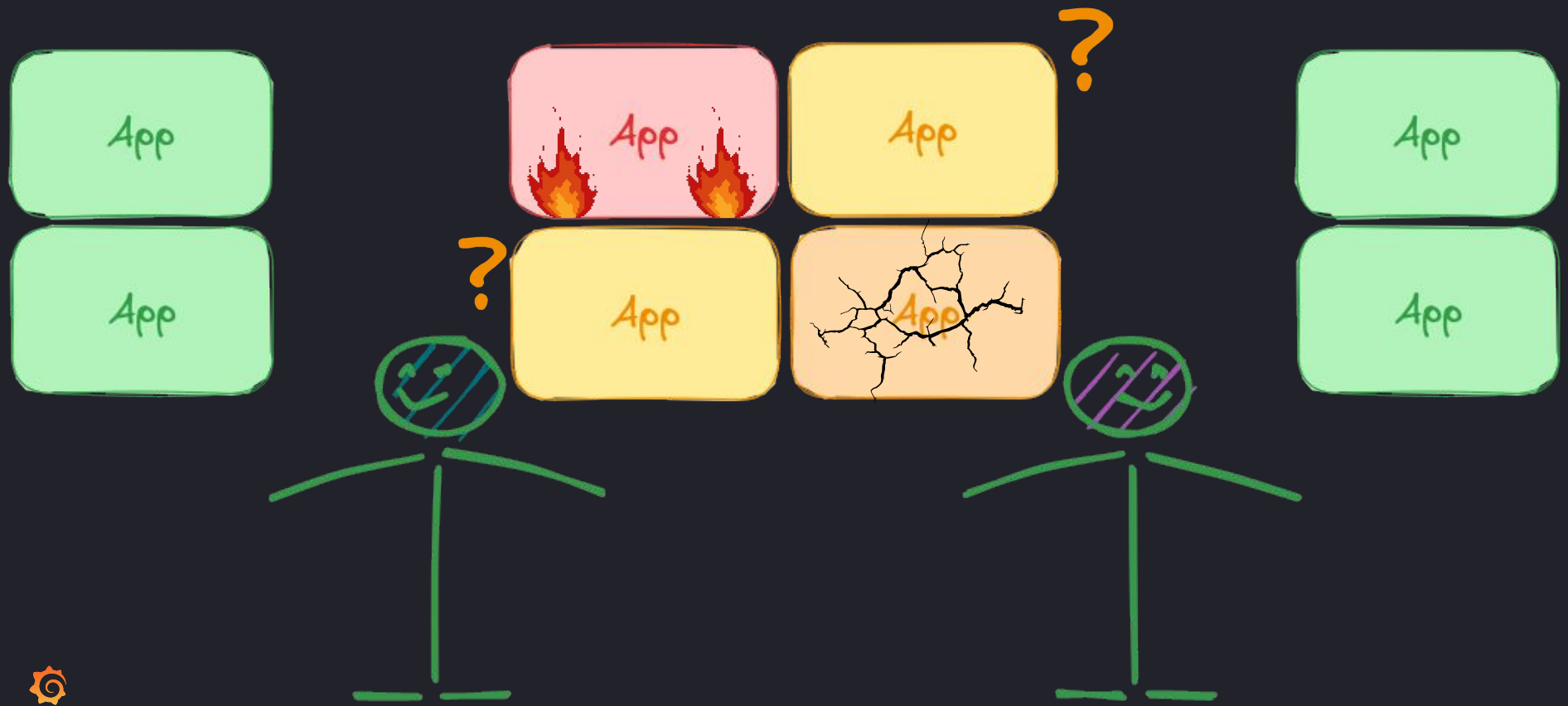


How do you observe your applications today?

Would you know if anything was wrong?



Do you have a complete view?



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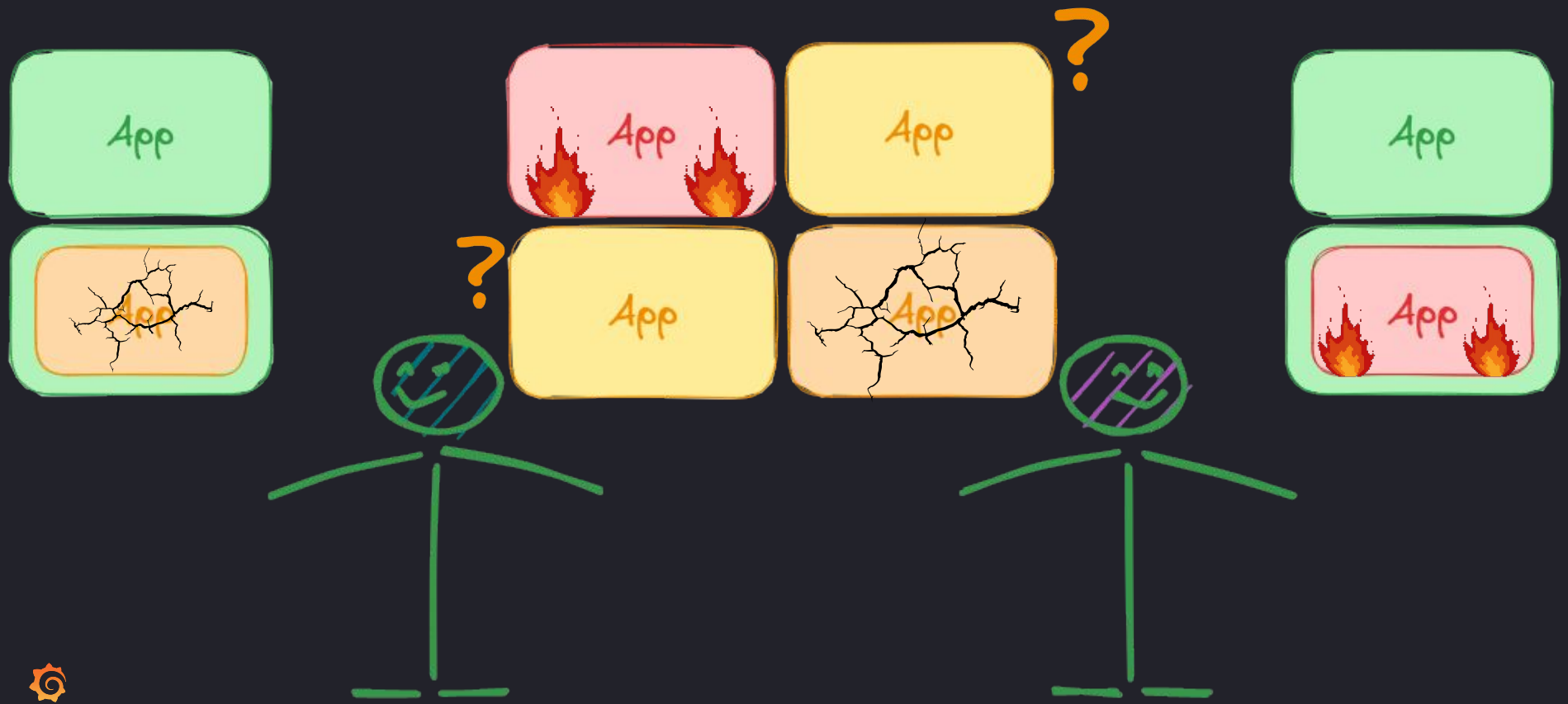
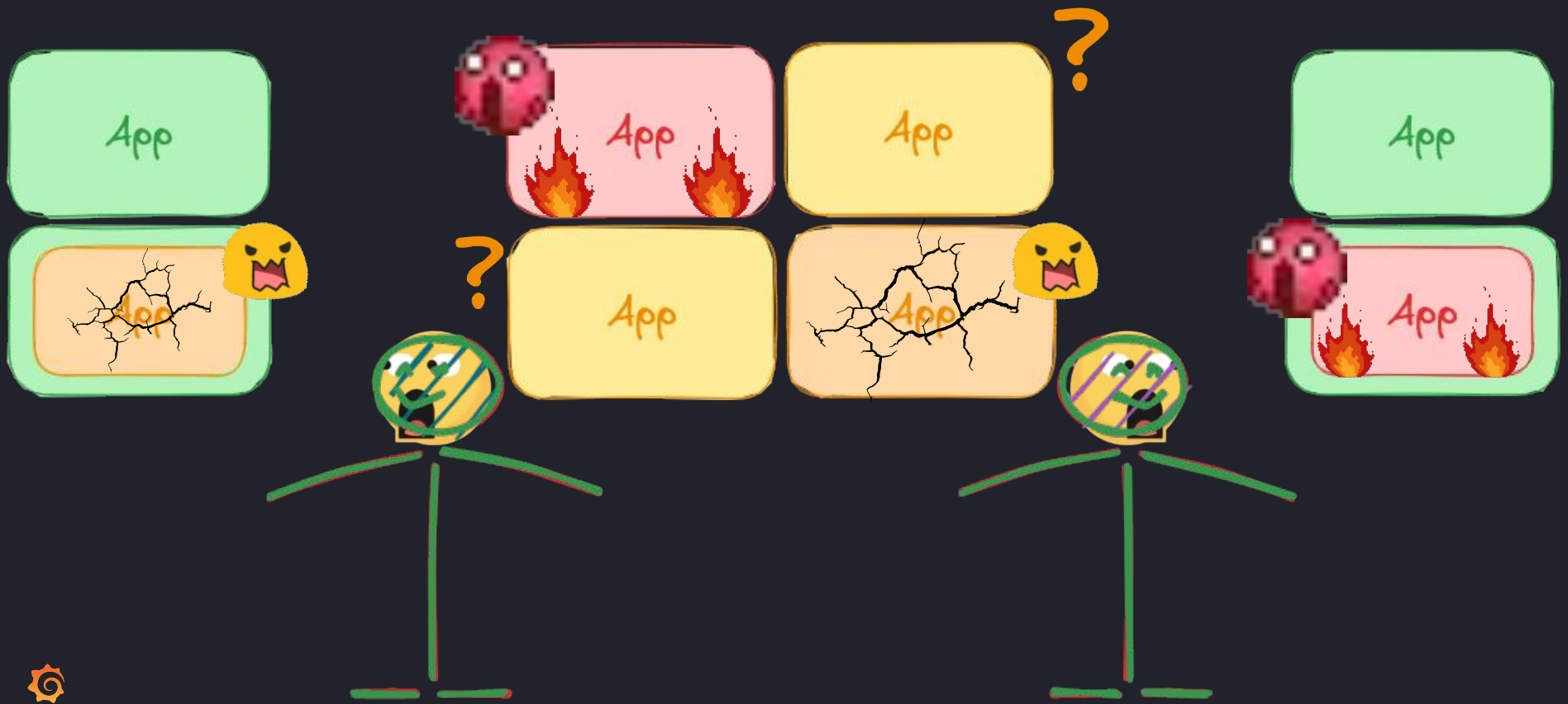
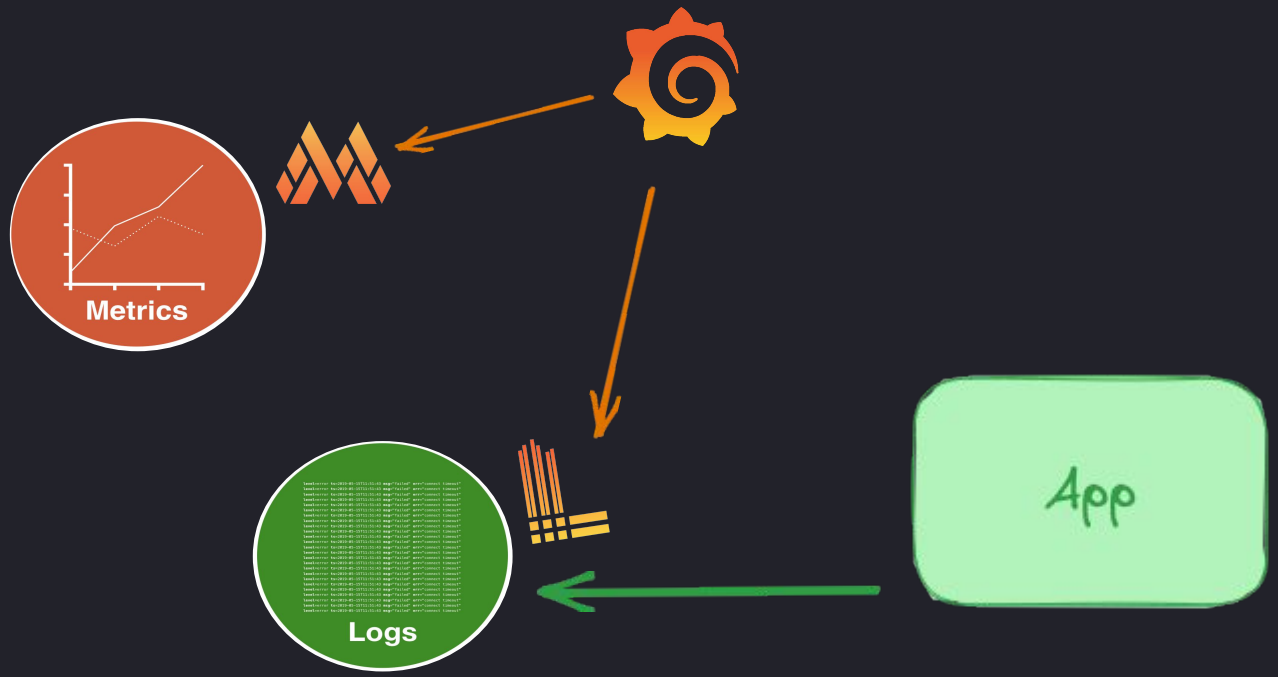


How do you generally find out about problems?

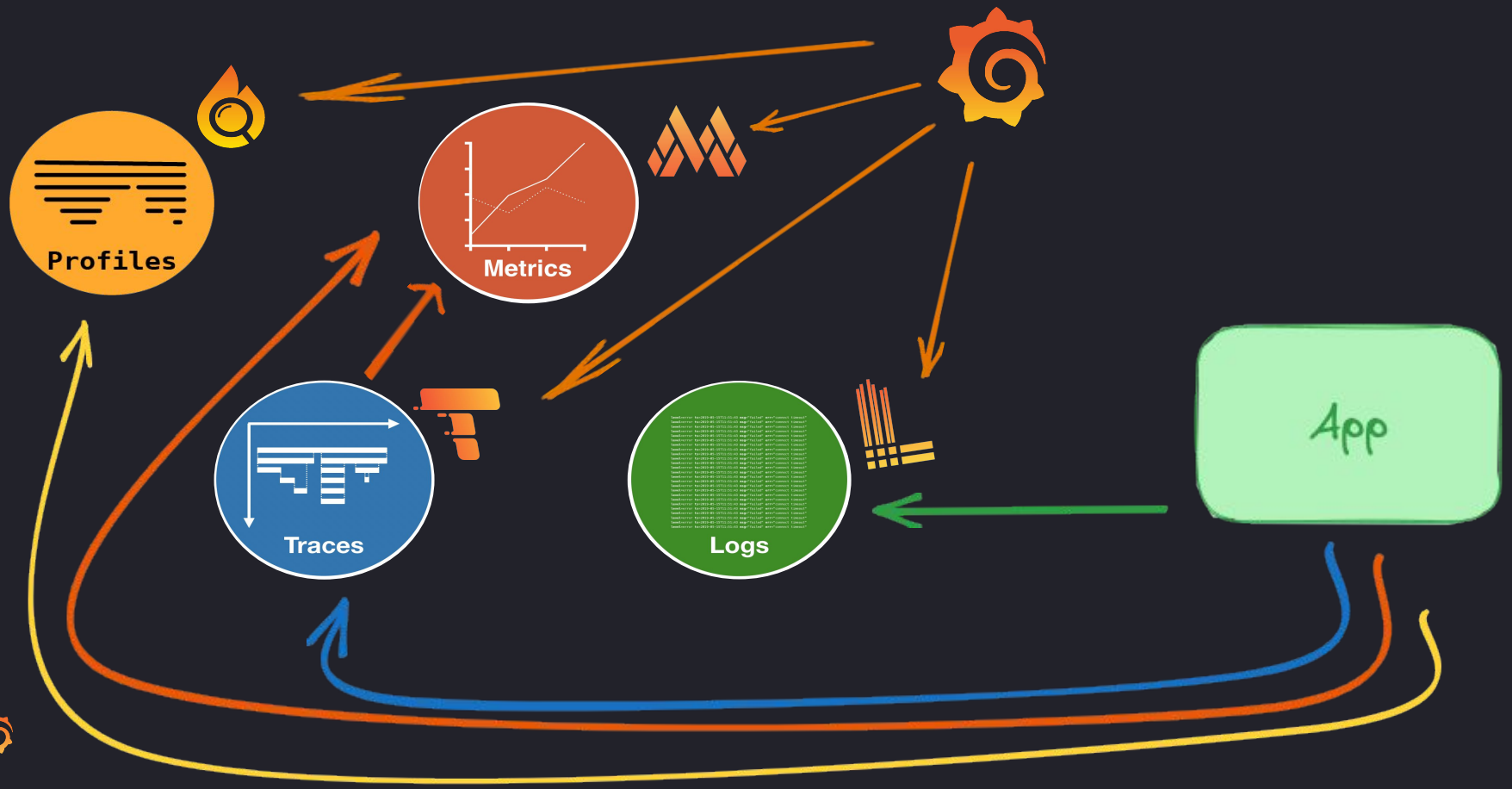


Is there a complete Observability Stack?

1: Load gen, Metrics, Logging and Visualization



2: Traces, (more) Metrics and Profiles



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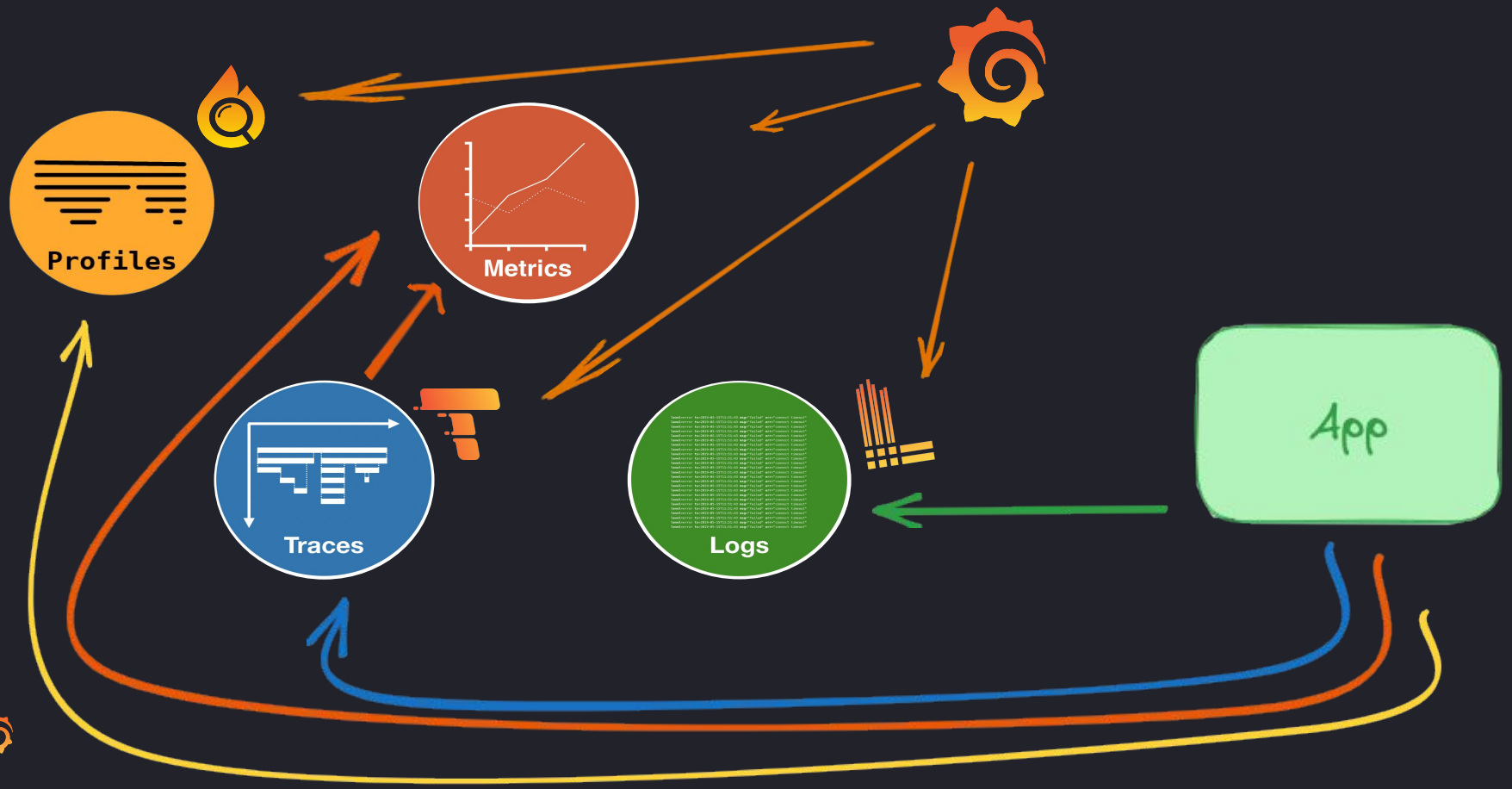

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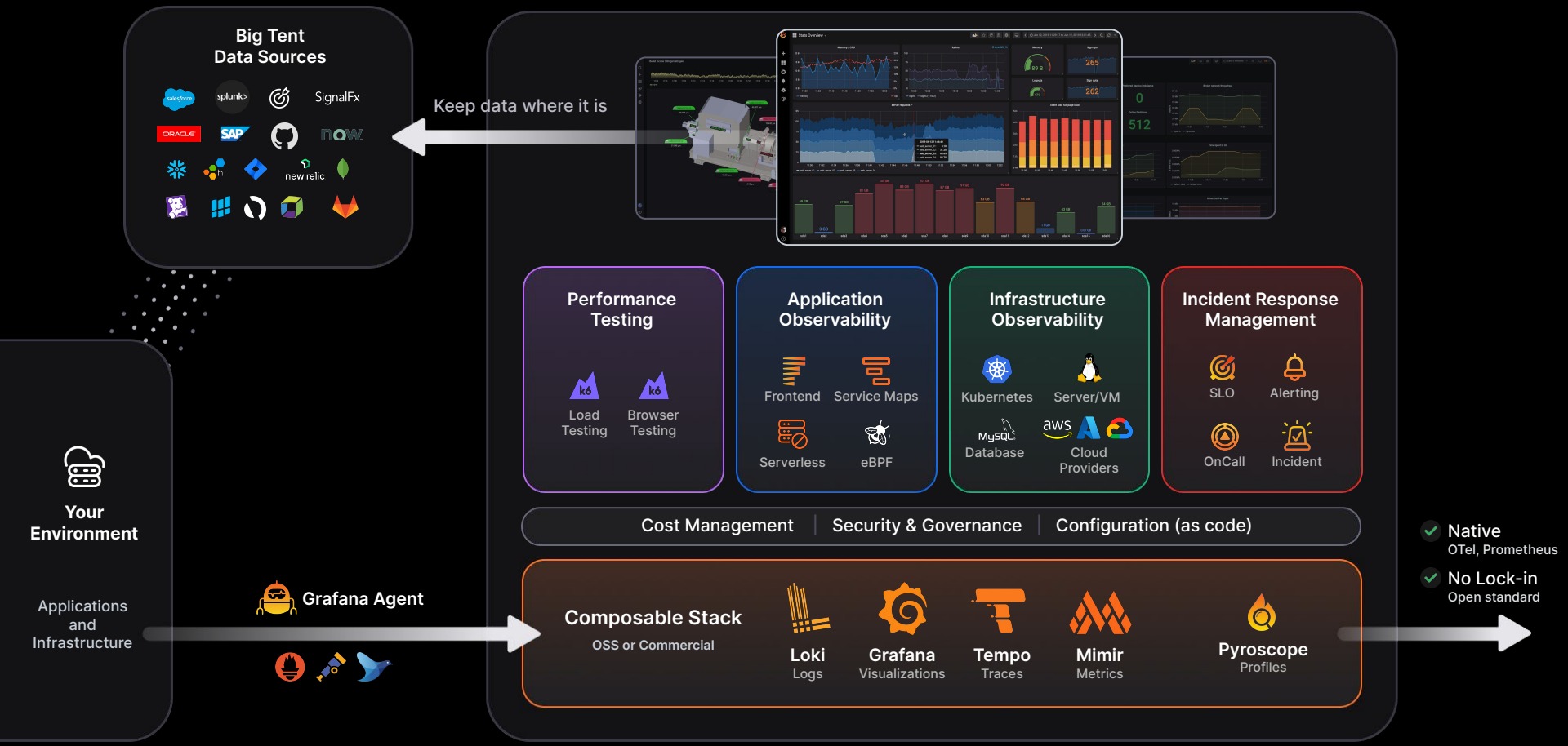
Memory / CPU
memory
cpu
logins
timeshift -1h
logins
logins (-1 hour)
Memory
89 B
Sign ups
265
Logouts
179
Sign outs
262
server requests
web_server_01
web_server_02
web_server_03
web_server_04
client side full page load
59 GB
3 GB
57 GB
81 GB
104 GB
88 GB
101 GB
87 GB
91 GB
63 GB
92 GB
64 GB
11 GB
43 GB
0.07 GB
54 GB

Why Grafana?

Your open and composable observability stack



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Demo 1

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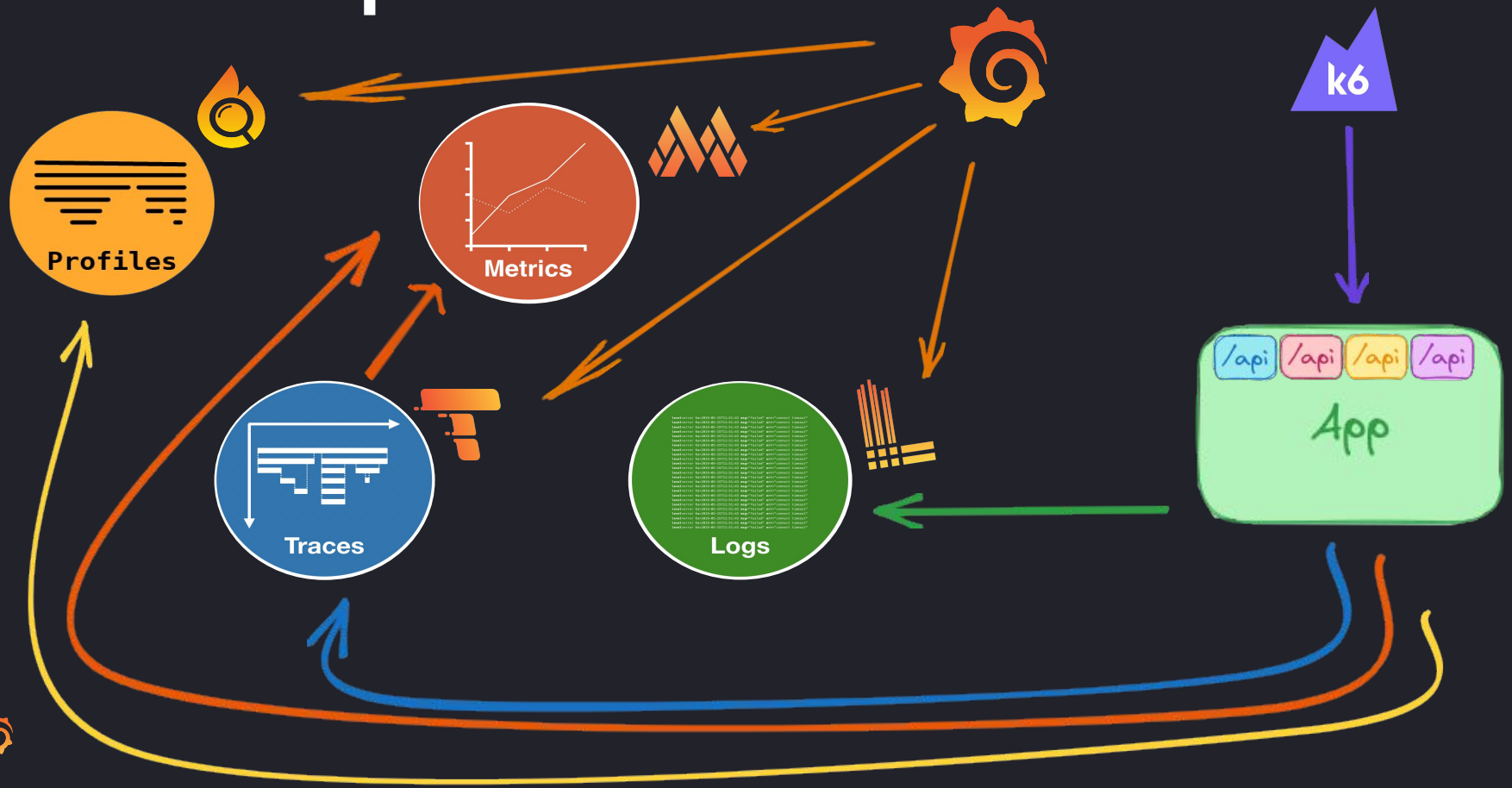
Demo 2

https://github.com/grafana/intro-to-mltp/

The Complete Picture



Final Takeaways

Available in many flavours

A Complete Stack for **EVERYTHING**

Rich Features & Community Support

Final Takeaways

1. Available in many flavours
2. Various Visualisation formats & features
3. One Complete Stack for **EVERYTHING!!**

Want to get involved?

1. To report bugs, feature-request:
   - GitHub repo

grafana/grafana

2. Other useful resources:
   - Slack channel #grafana
   - Community forum

#grafana

community.grafana.com

Leveling up your Grafana skills

27 Apr. 2024

At DMC 130 (1:30 PM)

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Thanks for participating!

Contact me:

usman.ahmad@grafana.com

Syed Usman Ahmad

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