

ObservabilityCON

ON THE ROAD

Richard ‘RichiH’ Hartmann

Escritório do CTO

Grafana Labs



Use este QR code
para Q&A no Slido



The flagship observability conference



ObservabilityCON ON THE ROAD

Bringing ObsCON
content to your city

Observability Sessions

Strategic coaching for
observability leaders



Our biggest open source community event



GrafanaCON Local

Bringing GrafanaCON
content to your city

Grafana & Friends MEETUPS

Community-led gatherings for
sharing technical expertise

Webinars

Online technical content,
live or on demand



Workshops

Hands-on technical instruction,
in person or online





25M+

Grafana users



5000+

Customers



\$250M+

Annualized revenue

Forbes

Cloud 100

Ranked for the
4th year in a row



Named #1
monitoring tool
of the year



Listed as a
transformative
company in cloud
infrastructure



Top 10

coolest open source
software tools in 2024
(so far)



Magic Quadrant

Leader

Gartner MQ for
Observability
Platforms

NEW



Startup Program





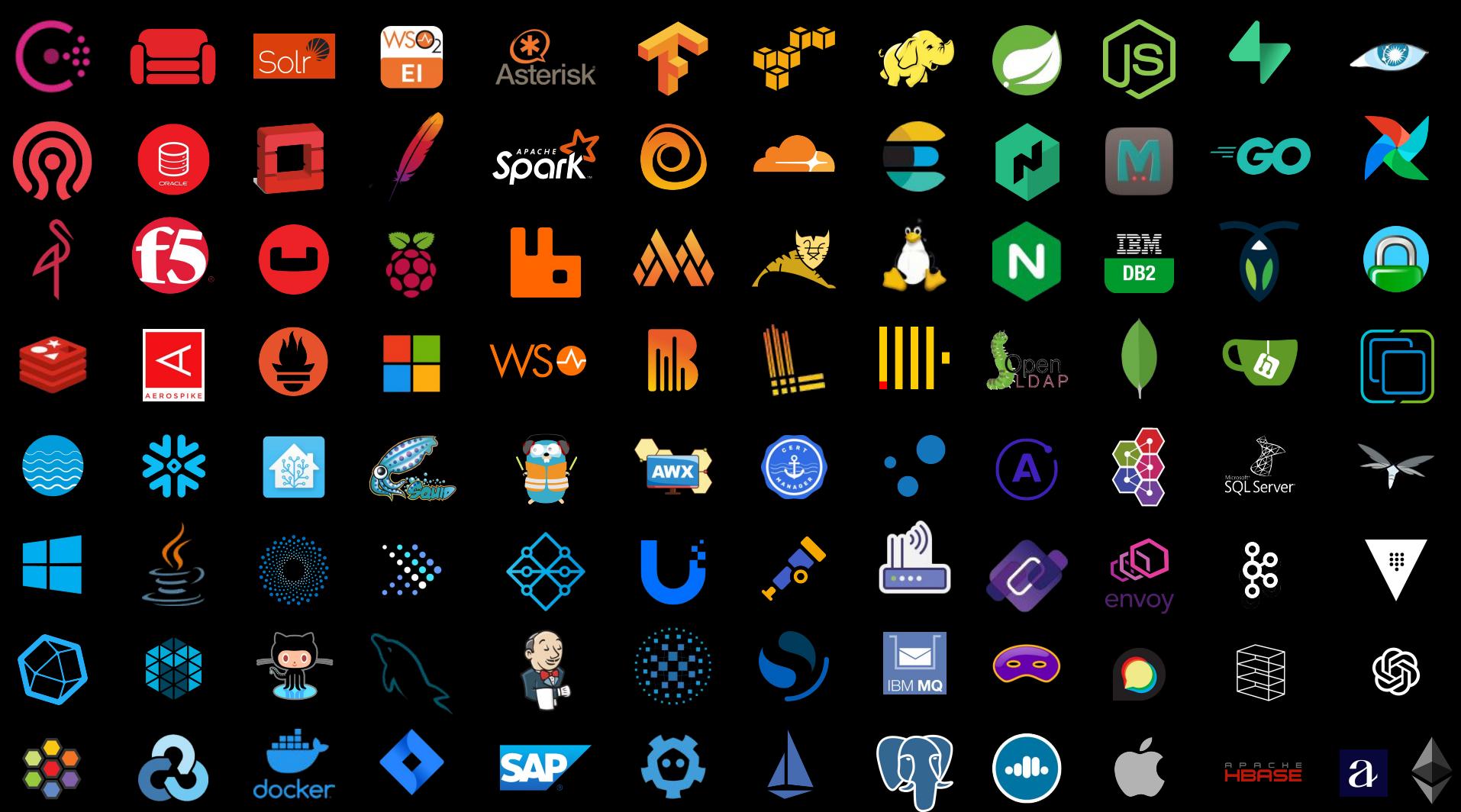
Easier LGTM

AI/ML

**Contextualized
Root Cause
Analysis**

Easier





Cloud

General Availability

Cloud Provider Observability

Unified experience for managing multiple
cloud environments



*“Is my site up
in Asia?”*



Synthetic
Monitoring



Performance
Testing

*“Will my site
survive Black
Friday?”*

[Cloud](#)[Experimental](#)

Studio

GUI-based, low-code test authoring tool

The screenshot shows the k6 Studio application interface. At the top, there's a navigation bar with tabs for 'Cloud' and 'Experimental'. Below the title 'Recording - 2024-09-18_15-03-23.har' is a tree view of recorded requests: 'Default (8)' and 'Messages (6)'. Under 'Messages (6)', there are three sections: 'Method', 'Status', 'Host', and 'Path'. The requests listed are:

Method	Status	Host	Path
GET	200	test.k6.io	/my_messages.php
GET	200	content-autof... /v1PagesCh/DaHJvbWUvMTI4LjAuNjYxMy4xMTQSiAkIR4f6lCZZxfDS... /news.php	/login.php
POST	302	test.k6.io	/login.php
GET	200	test.k6.io	/my_messages.php
POST	302	test.k6.io	/login.php
GET	200	test.k6.io	/my_messages.php

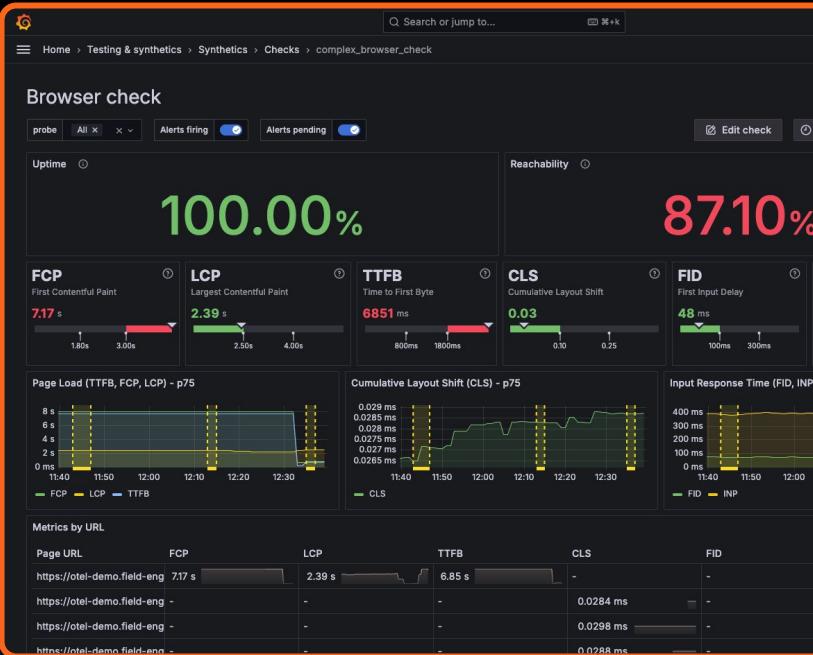
Below this, there are sections for 'News (3)' and 'General' (which includes a 'Request' tab). The 'Request' tab shows detailed headers and cookies for a specific request. The 'Response' tab shows the response status code (200), date (Wed, 18 Sep 2024 15:03:16 GMT), content type (text/html; charset=UTF-8), transfer encoding (chunked), connection (keep-alive), and X-Powered-By (PHP/5.6.40). At the bottom left, there's a 'Report Issues' link.

Cloud

Private Preview

Browser-based synthetics

Comprehensive real-browser synthetic monitoring, with Web Vital

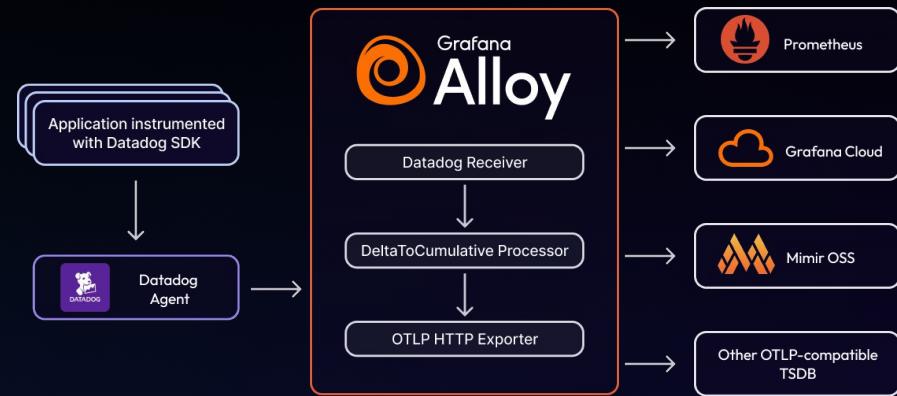


OSS

General Availability

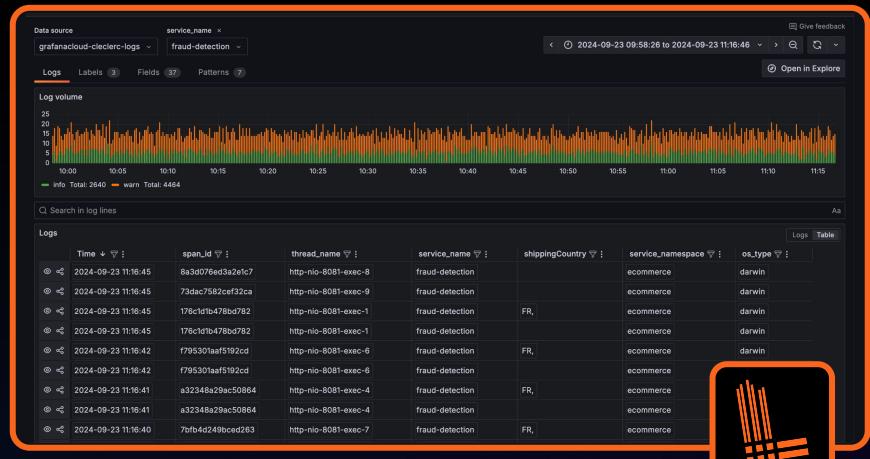
OpenTelemetry Datadog Receiver

Migrate from Datadog to any OTEL-compatible
backend, including Prometheus





Explore Metrics



Explore Logs

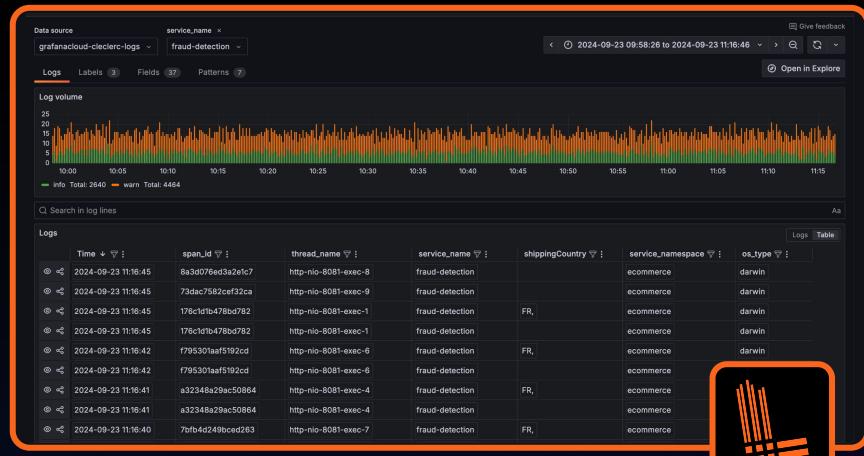


Explore Metrics

General Availability

OSS

Cloud



Explore Logs

General Availability

OSS

Cloud

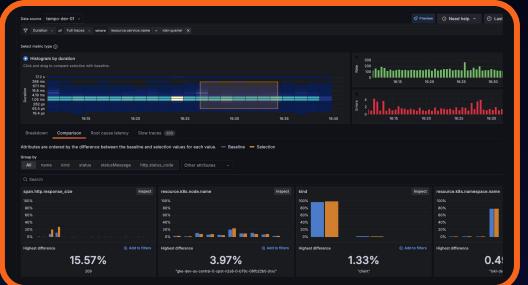
OSS

Cloud

Explore Apps

Metrics

General Availability

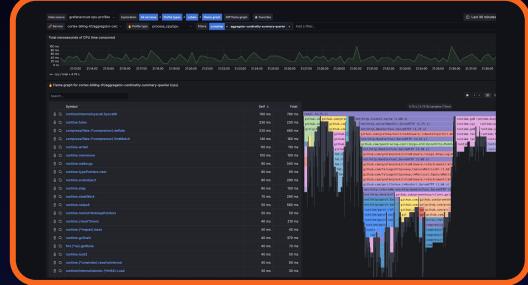


Traces

Public Preview

Logs

General Availability



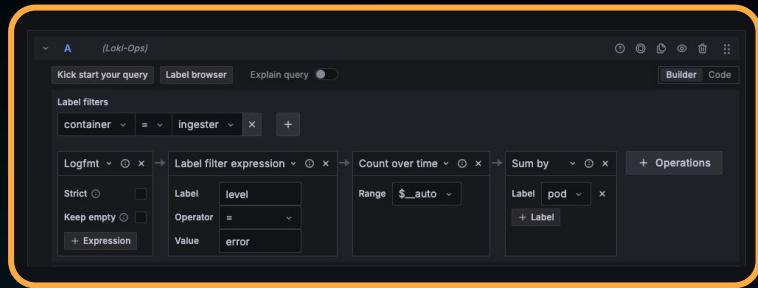
Profiles

Public Preview



Code

Action: Type out queries



Low code

Action: Assisted query building



No code

Action: Queryless navigation



AI/ML

Give every engineer
observability super powers

Adaptive Metrics

Average savings

20-50%

Time series saved

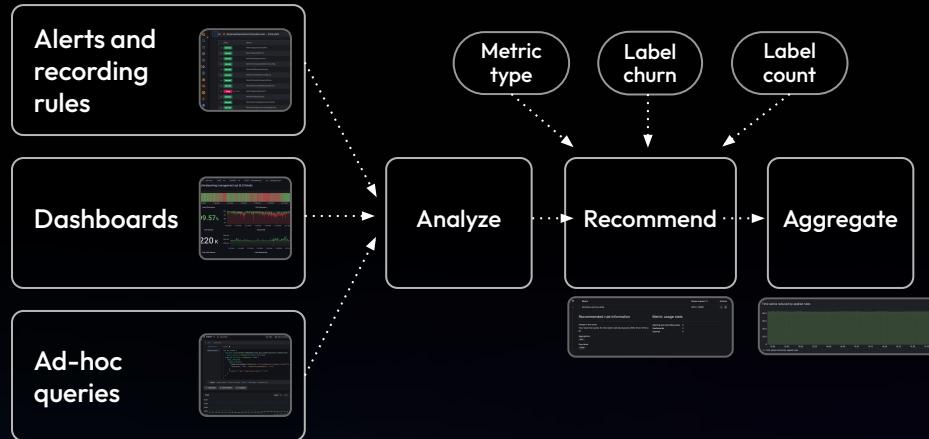
640M

Stacks adopted

1.95k

Aggregations applied

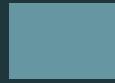
140k



Adaptive Logs

Expected savings

40-60%

Patterns	Recommended Sample Rate
<code>level=info ts=* msg="flushing stream"</code>	
<code>database * failed to connect from *</code>	
<code>query * executed with latency *</code>	
<code>level=error ts=* msg="failed to decode"</code>	
<code>org_id=* msg="push request parsed"</code>	
<code>org_id=* * * msg="Setting next state"</code>	

Adaptive Telemetry

Adaptive Metrics

General Availability

Adaptive Logs

General Availability

Adaptive Traces

Research

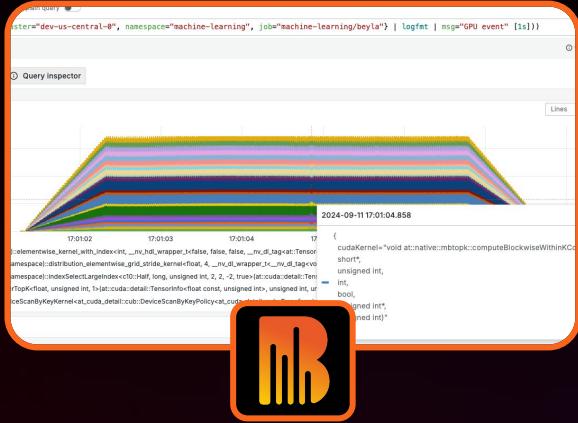
Adaptive Profiles

Research

 **Grafana Labs** welcomes **TailCtrl**

Large Language Model Observability

(LLM O11y)



Use eBPF to automatically instrument CUDA calls

OpenLit integration & app for inference o11y

Grafana-native app for training o11y

Cloud

Experimental

Grafana Labs

HACKATHON

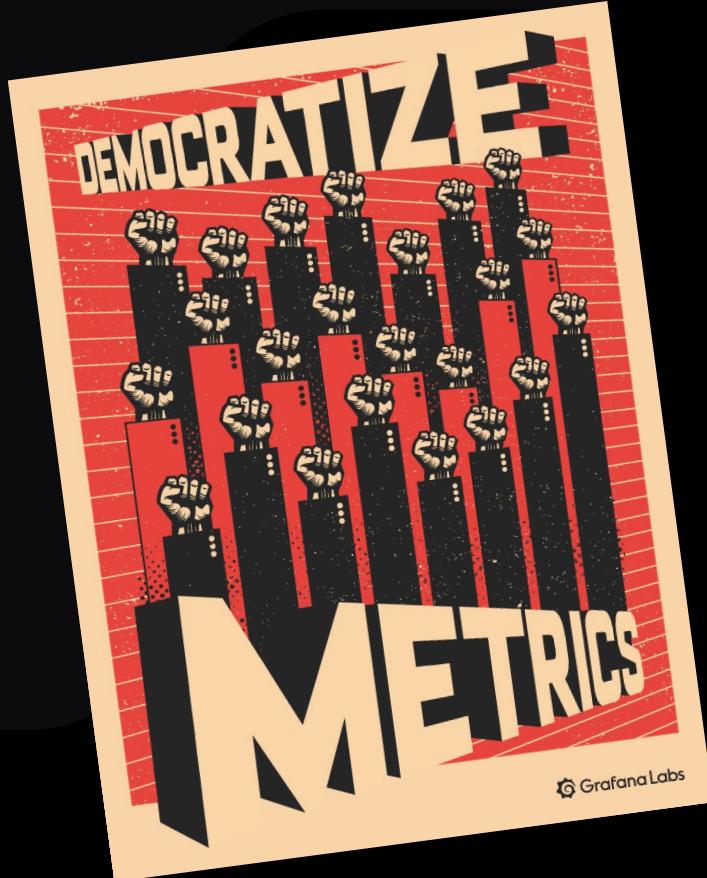
Incident Rooms

Stop, collaborate, and listen:
AI bot for incidents



Grafana Labs

HACKATHON



Democratizing troubleshooting

Why is troubleshooting so hard?

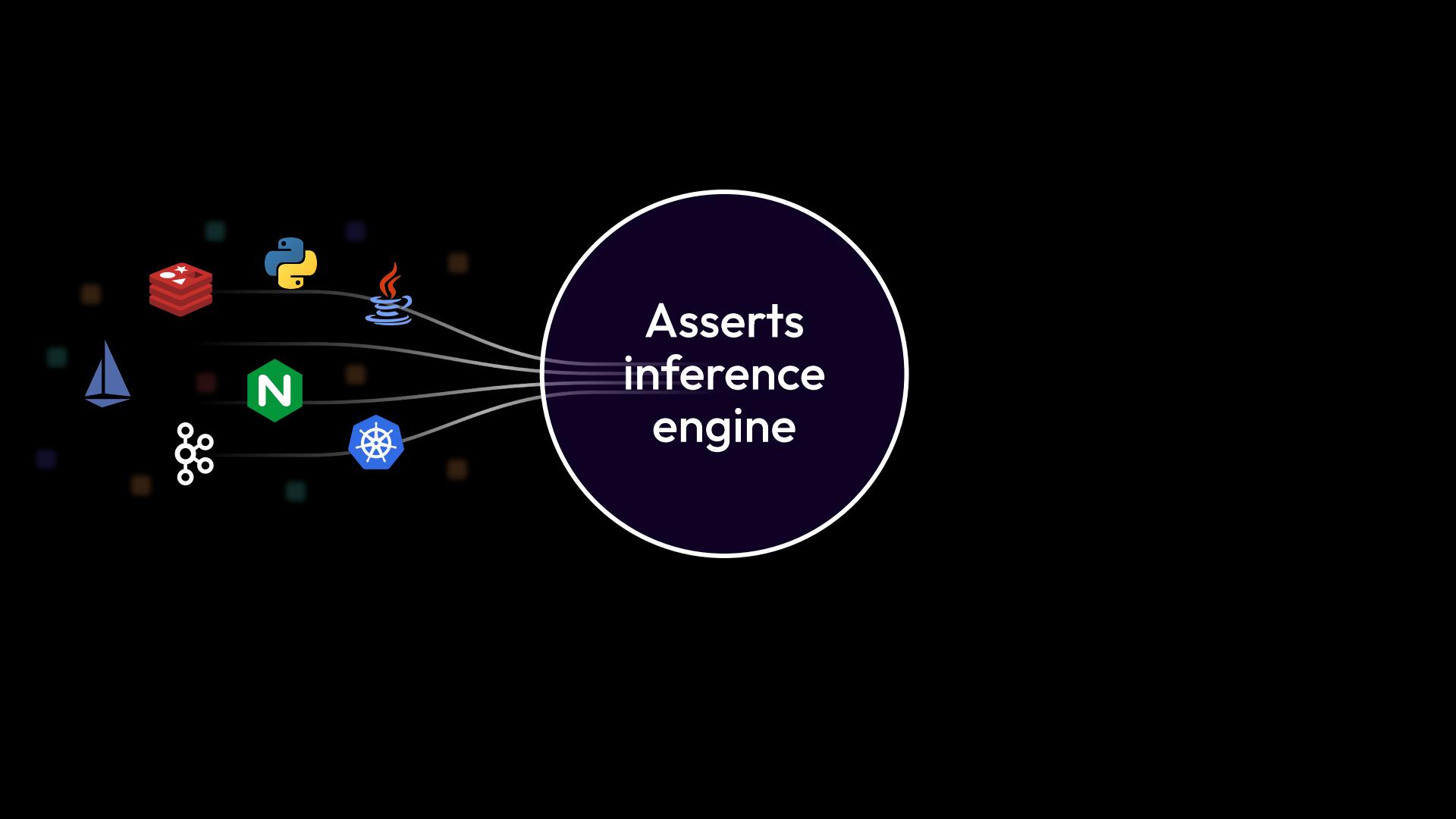
Disjointed
visualization

Inconsistent
labels

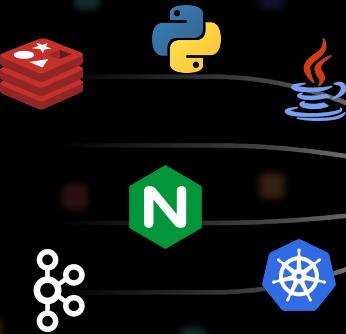
Varied
architectures



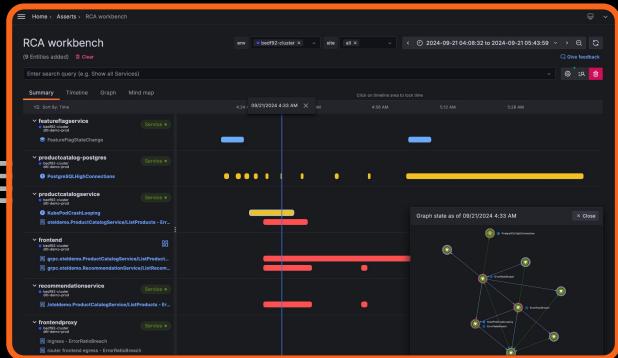




Asserts
inference
engine



Asserts inference engine



“

We are asking for more insights from our existing investment in metrics, logs, traces. Asserts is about extracting more information, more connectivity, more value... for reducing MTTR, getting after incidents faster, and being able to power a healthier Aladdin platform.

Olin Gay

Director - Head of Observability, BlackRock

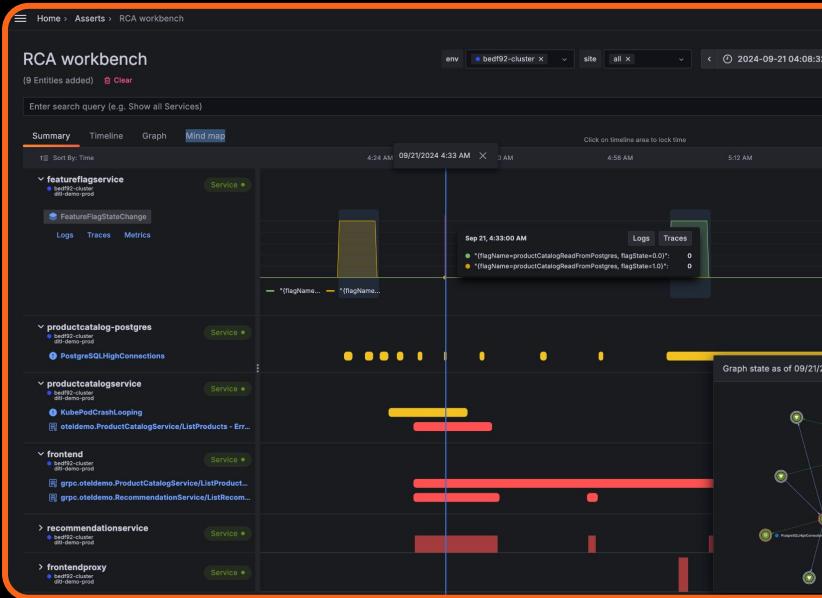
BlackRock[®]

Cloud

General Availability

Contextualized RCA

Resolve issues faster in Grafana Cloud



Application
Observability

Frontend
Observability

Kubernetes
Monitoring

SLO
Management

Easier LGTM

AI/ML

Contextualized Root Cause Analysis

Explore Logs

General Availability

Explore Metrics

General Availability

Explore Traces

Public Preview

Explore Profiles

Public Preview

OpenTelemetry Datadog Receiver

General Availability

k6 Studio

Experimental

Cloud Provider Observability

General Availability

Adaptive Metrics

General Availability

Adaptive Logs

General Availability

Adaptive Traces

Research

Browser-based Synthetics

Private Preview

Asserts workflow with **Kubernetes Monitoring**

General Availability

Asserts workflow with **Application Observability**

General Availability

Asserts workflow with **Frontend Observability**

General Availability

Asserts workflow with **SLO Management**

General Availability

Obrigado!



**Use este QR code
para Q&A no Slido**