



Observability, what it is & what it can be!

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Kloudfuse

Observability

is the

ability

to determine a

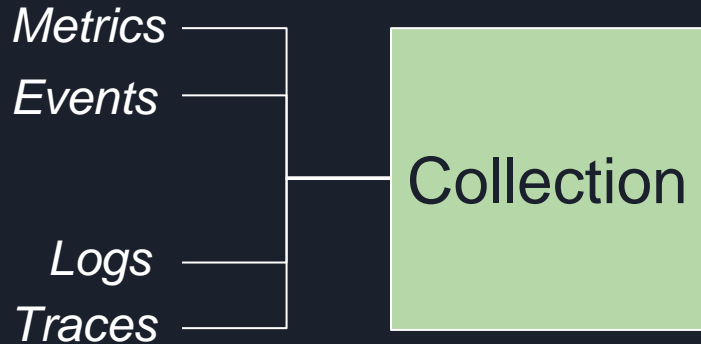
system's

internal state

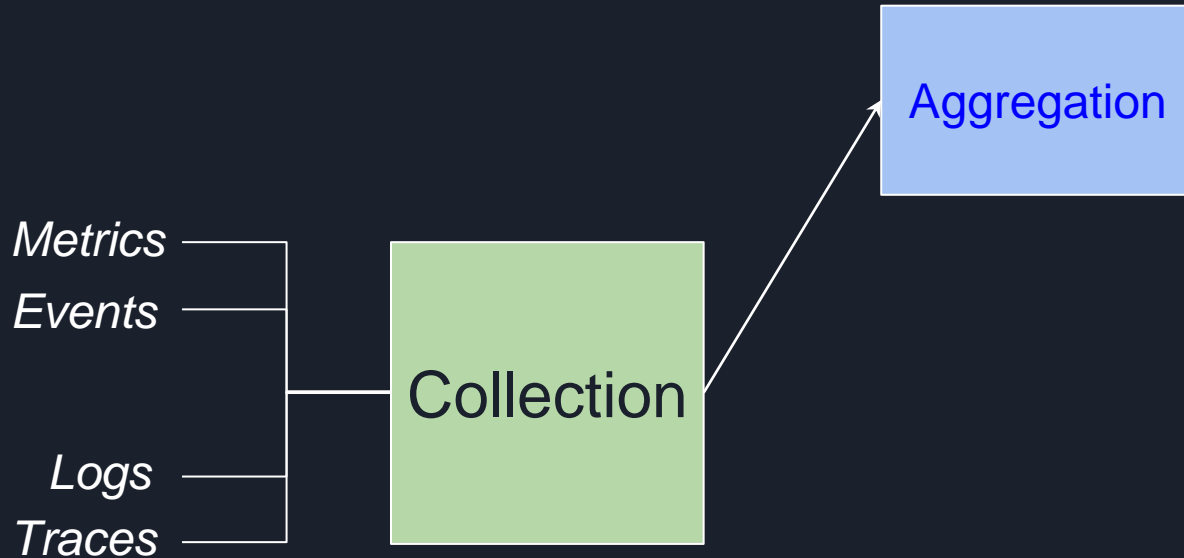
by

examining its outputs.

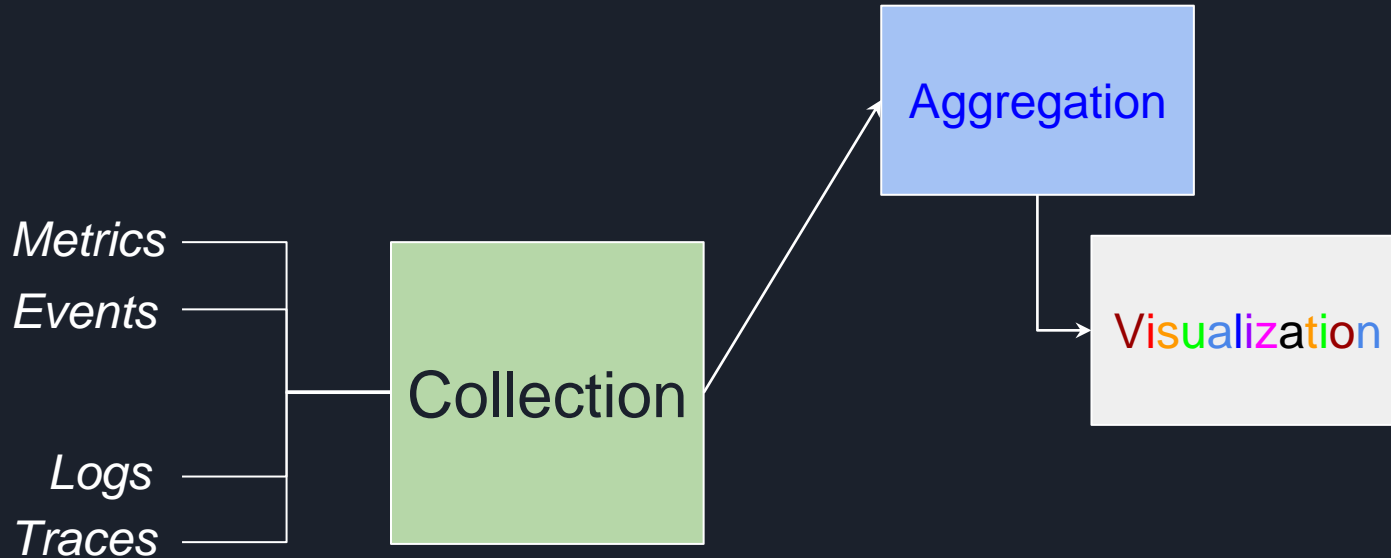
Why Observability?



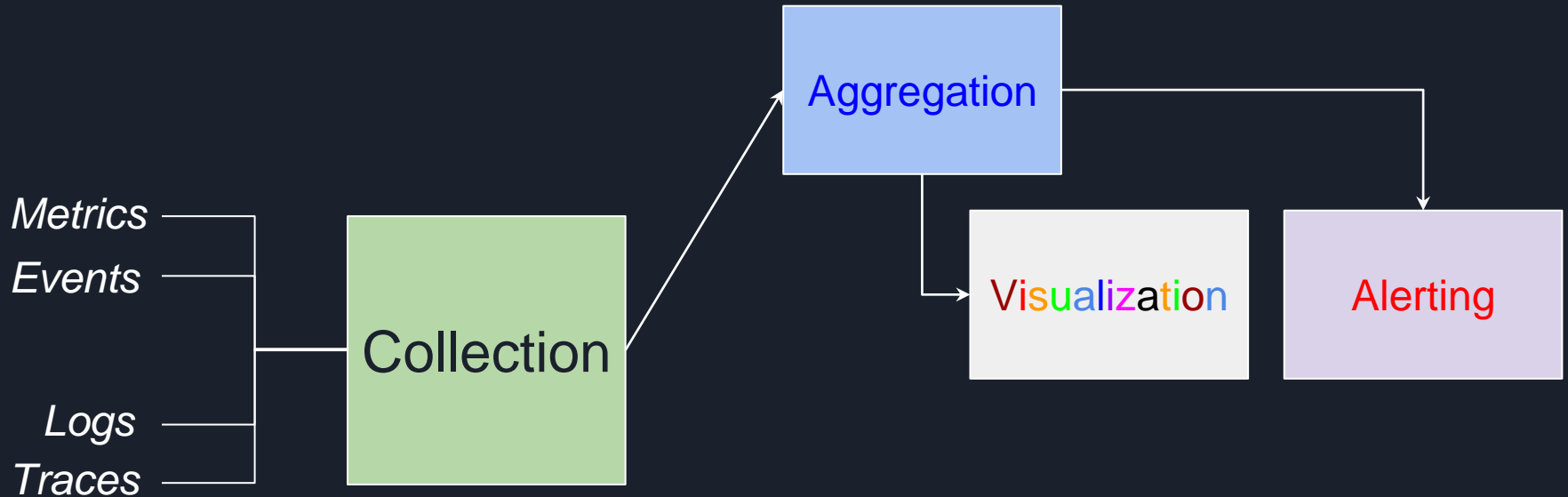
Why Observability?



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Current Challenges

Increasing Complexity of Software
Systems

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Cloud-Native Technologies and DevOps Adoption

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Demand for End-to-End Visibility

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Costs

- Observability Platform
- Downtime(s)

Current Challenges

Increasing Complexity of Software Systems

Cloud-Native Technologies and DevOps Adoption

Security and Compliance

Demand for End-to-End Visibility

Costs

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- Downtime(s)

Observability 2.0

Poly Agent

DD, WF, NR...

Prom, FB* ...

otel



Unified
Database

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Context

Correlation

Enrichment

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Dynamic and Intelligent alerting

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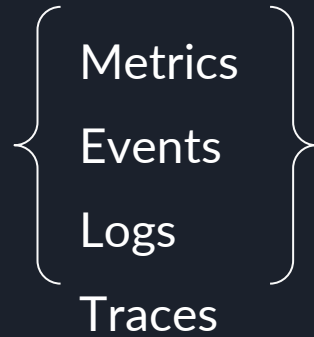
Context
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Dynamic and Intelligent alerting

Machine Learning & AI

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Context
Correlation
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Open Standards

Dynamic and Intelligent alerting

Machine Learning & AI

Observability-Driven Development

- **Design for Observability**
- Leverage Monitoring Data
- Collaboration Between Development and Operations
- Continuous Improvement

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- **Design for Observability**
- Leverage Monitoring Data
- Collaboration Between Development and Operations
- Continuous Improvement
- Improved System Resilience
- **Faster issue resolution**
- Enhanced system performance
- Streamlined collaboration

Role of AI/ML in Observability

- Automate **anomaly** detection
- Enhance **RCA**
- Optimize System Performance
- **Predictive Maintenance**
- Intelligent Alerting

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- Automate **anomaly** detection
- Enhance **RCA**
- Optimize System Performance
- **Predictive Maintenance**
- Intelligent Alerting
- Capacity Planning
- Dynamic Thresholds
- **Automated Incident Response**
- Proactive Performance Management



Observe! Analyse! Automate!!!

For Free download: www.kloutdfuse.com/try-it-out

Demo playground: www.playground.kloutdfuse.io