Monitoring and Metrics for your Java Applications

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Oct 23, 2019

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Overview

- Monitoring
- Why ? What ? How
- Demo
- Anti Pattern

Why ?

- Analyzing long term trends
- Comparing results over time or experiment groups
- Dashboard / Visualization
- Alerting

What to Monitor

Four Golden Signal of Monitoring

Latency	● Average Response Time
Traffic	● Demand (Request Rate)
Error	● Error Rates
Saturation	● How "full" the service is (emphasizing the resources that are most constrained)

Demo

- Spring Boot
- Prometheus
- Grafana

Anti Patterns

- Tool Obsession
- Monitoring As A Job
- Check Box Monitoring
- Using Monitoring as a Crutch

Questions / Comments