Picture: https://www.itl.cat/view/158014/

Playing the Observability Game

Chris Engelbert
Senior Developer Advocate @ Instana
@noctarius2k

Picture: https://www.flickr.com/photos/apenny/3226329374

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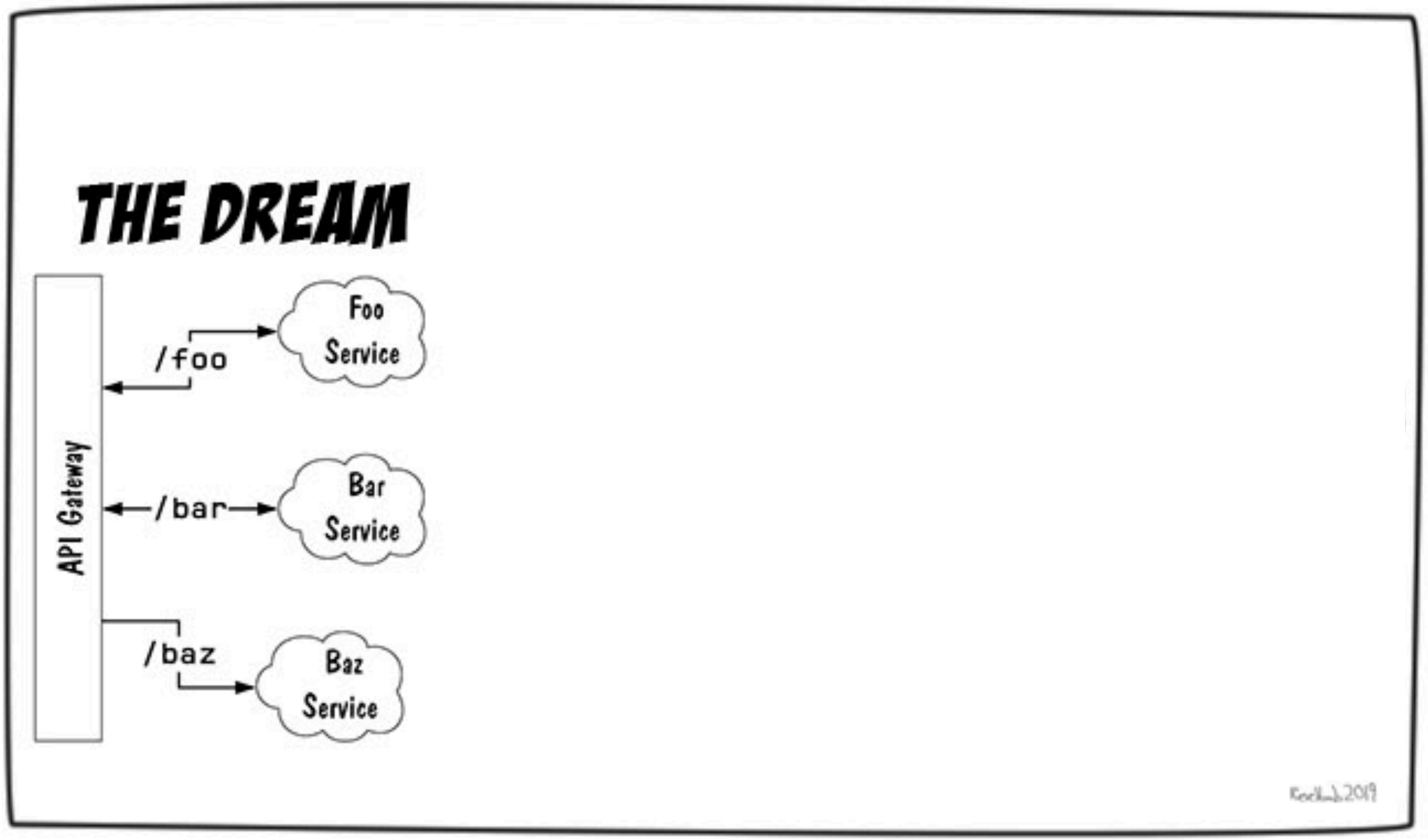

Picture: https://devops.com/api-gateway/

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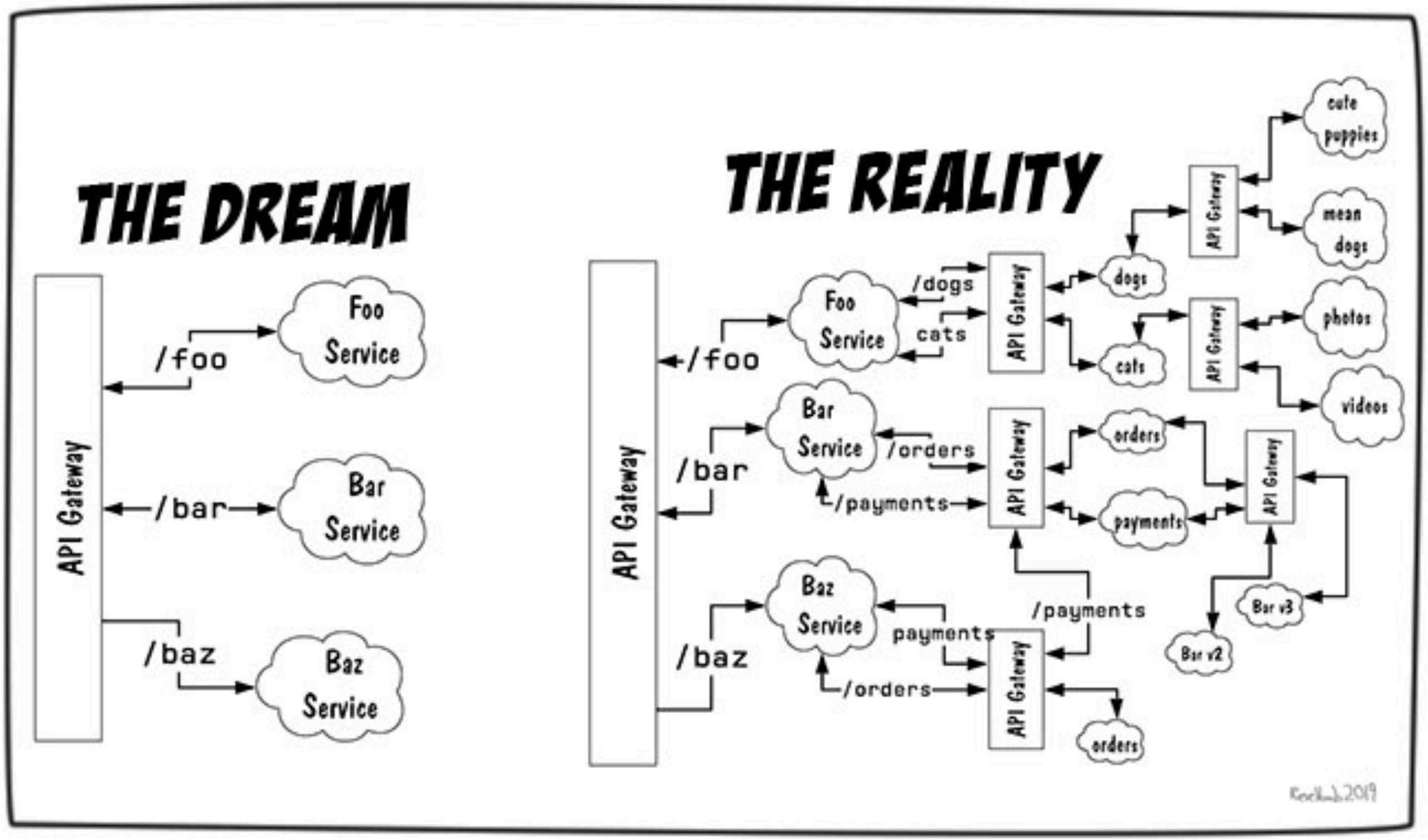

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Picture: https://devops.com/api-gateway/

Chris Engelbert
Senior Developer Advocate @Instana

10+ Years of Software Engineering
Java, Go, Python, C/C++, …

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Picture: https://axibase.com/docs/axibase-collector/jobs/examples/hp-openview/

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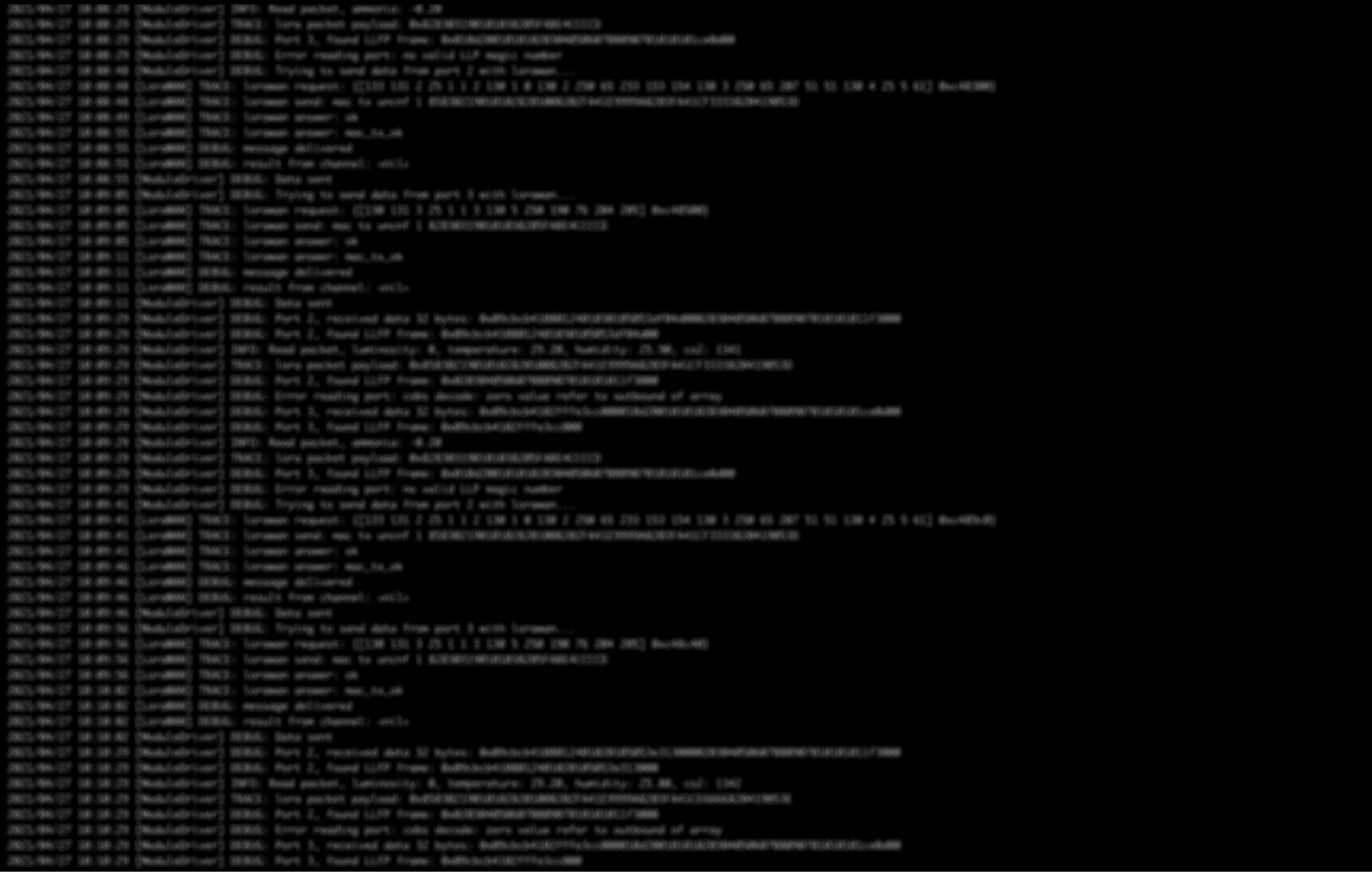

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Logfiles

SLA

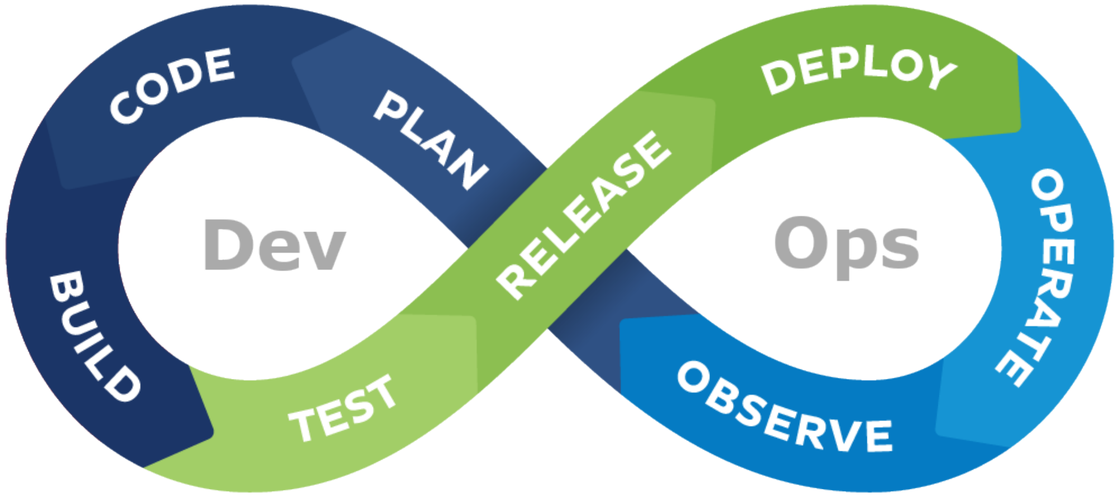
Infrastructure Changes

Distributed Traces

Context

Alerts

Performance Metrics



SLO

Metadata

Cloud Metrics

Health Metrics

Profile Information

End-User Monitoring

Dependencies

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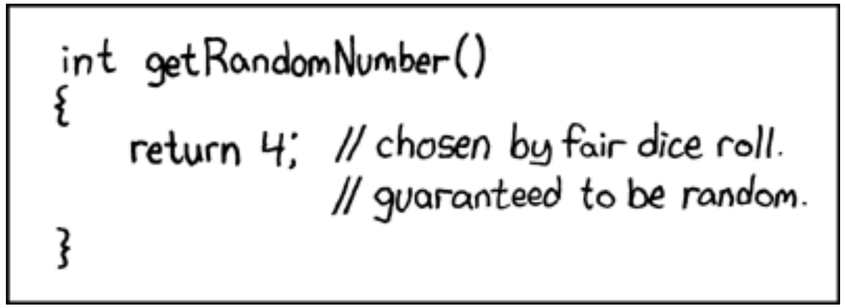
What is our job?



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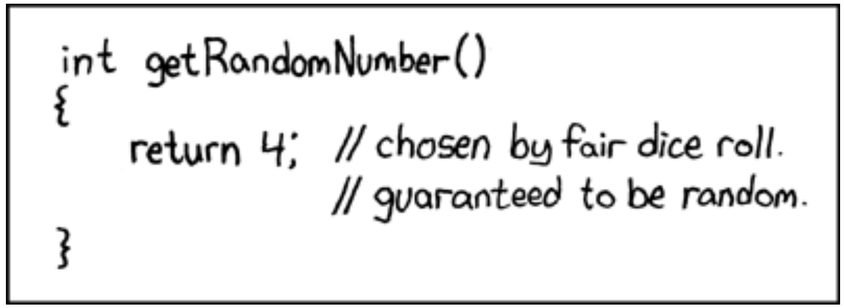
What is our job?



High-Performing Engineering

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We create Business Value

Picture: https://itsm.tools/understanding-how-to-demonstrate-the-business-value-of-it/

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We create Business Value

- Deployment Frequency

Picture: https://itsm.tools/understanding-how-to-demonstrate-the-business-value-of-it/

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We create Business Value

- Deployment Frequency
- Lead Time to Change

Picture: https://itsm.tools/understanding-how-to-demonstrate-the-business-value-of-it/

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We create Business Value

- Deployment Frequency
- Lead Time to Change
- Time to Restore

Picture: https://itsm.tools/understanding-how-to-demonstrate-the-business-value-of-it/

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We create Business Value

- Deployment Frequency
- Lead Time to Change
- Time to Restore
- Change Failure Rate

Picture: https://itsm.tools/understanding-how-to-demonstrate-the-business-value-of-it/

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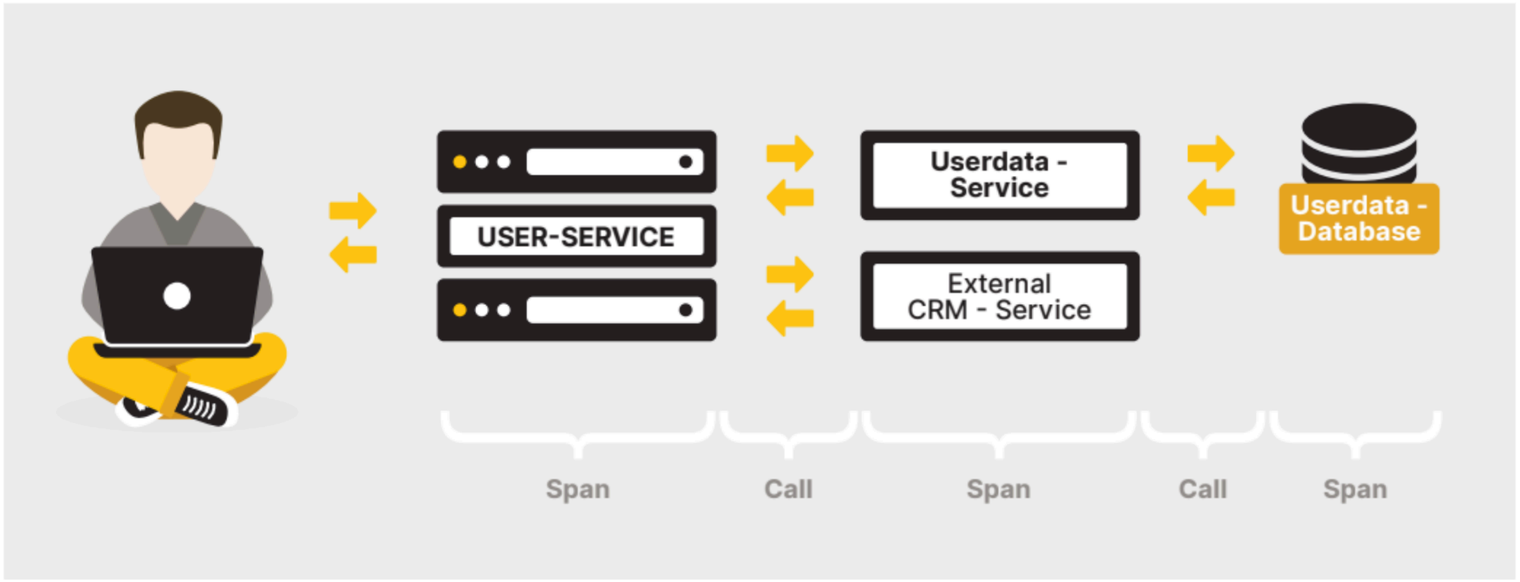
The Dream



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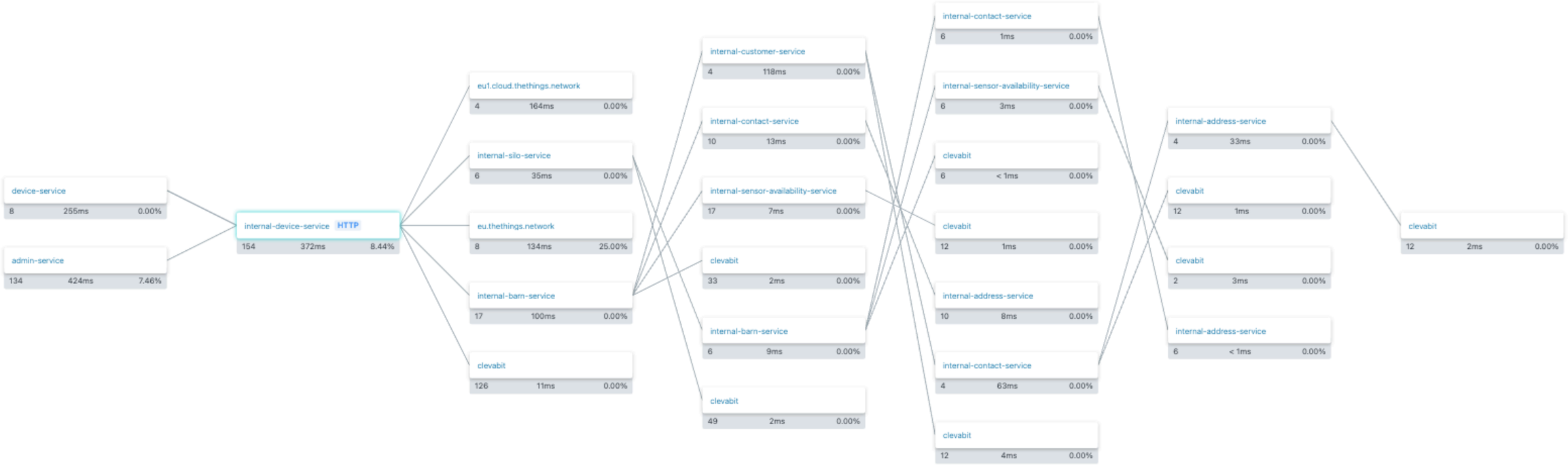
The Reality



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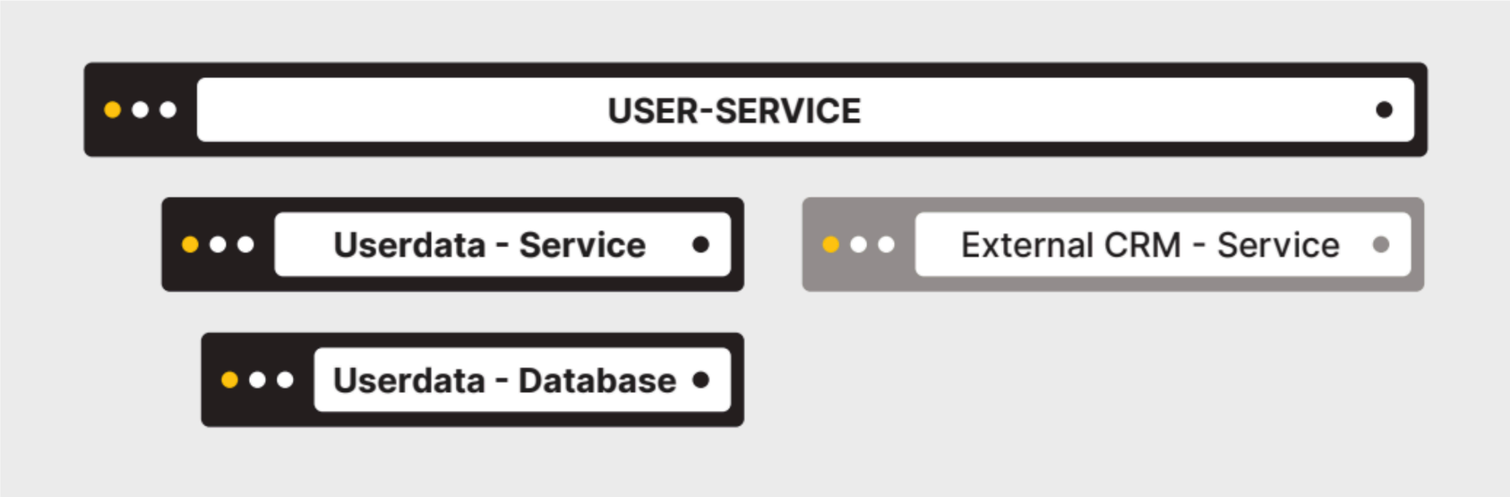
The Dream



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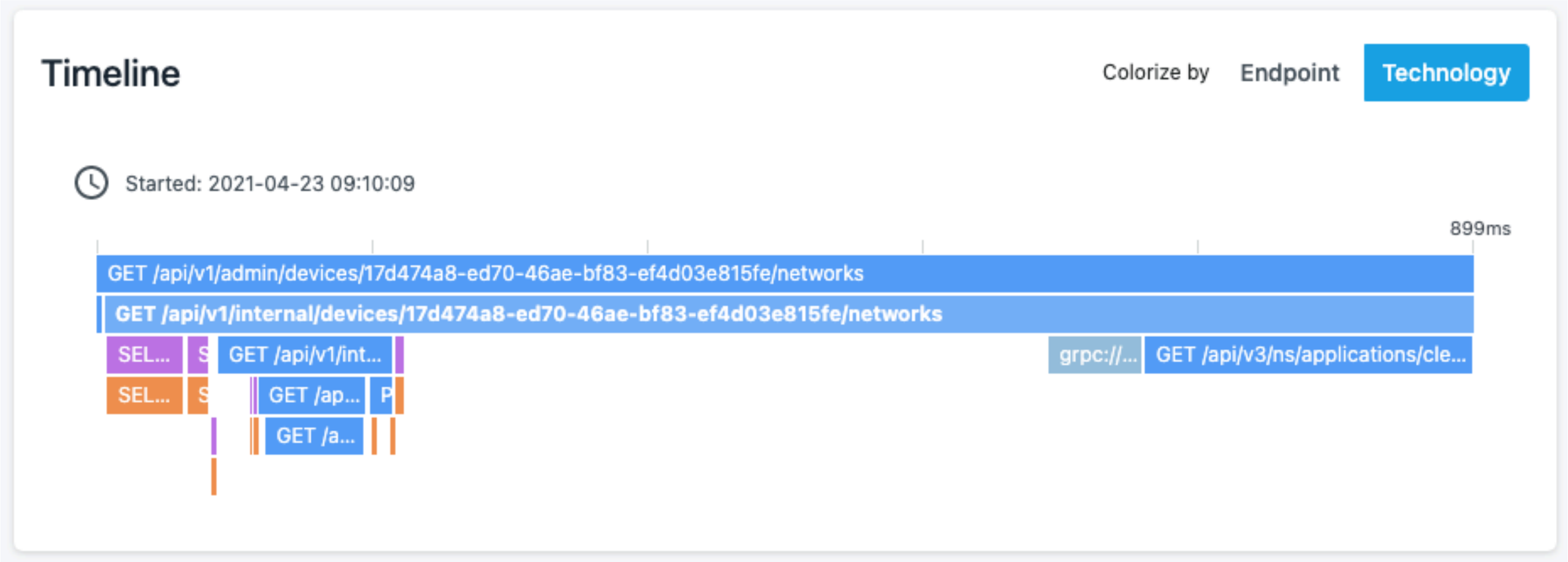
The Reality



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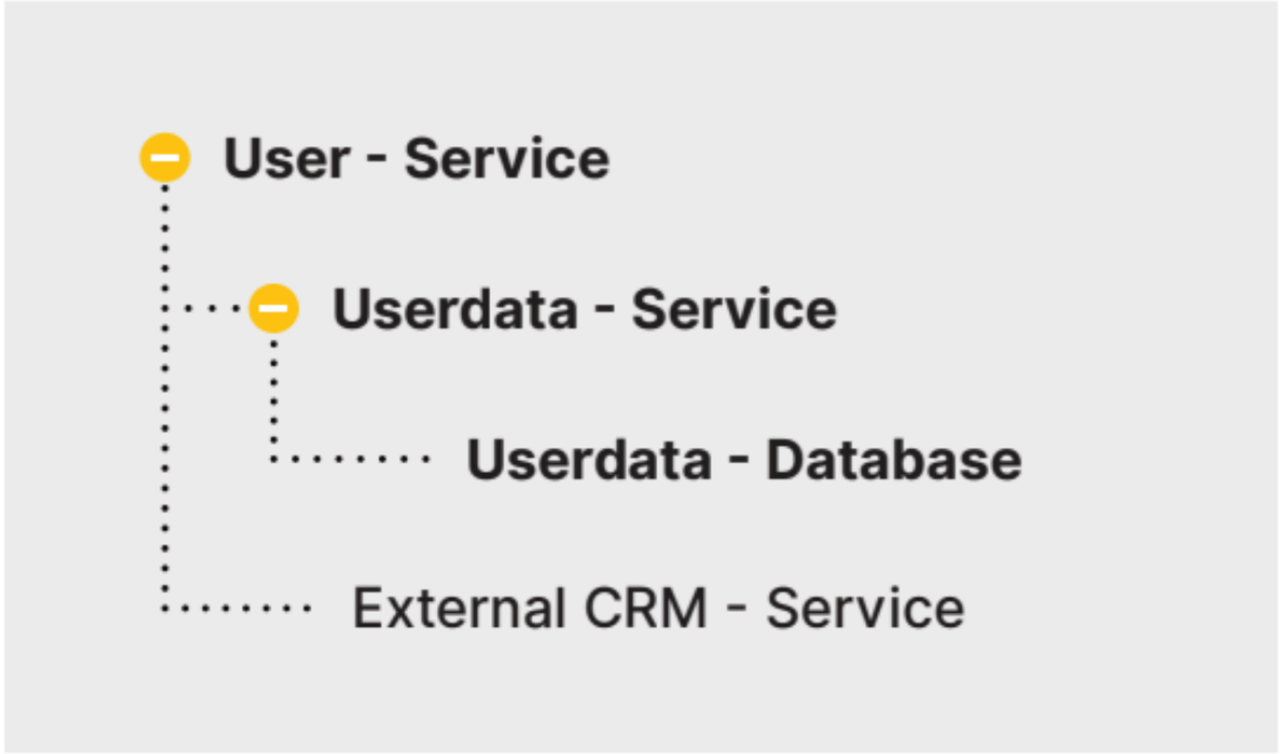
The Dream



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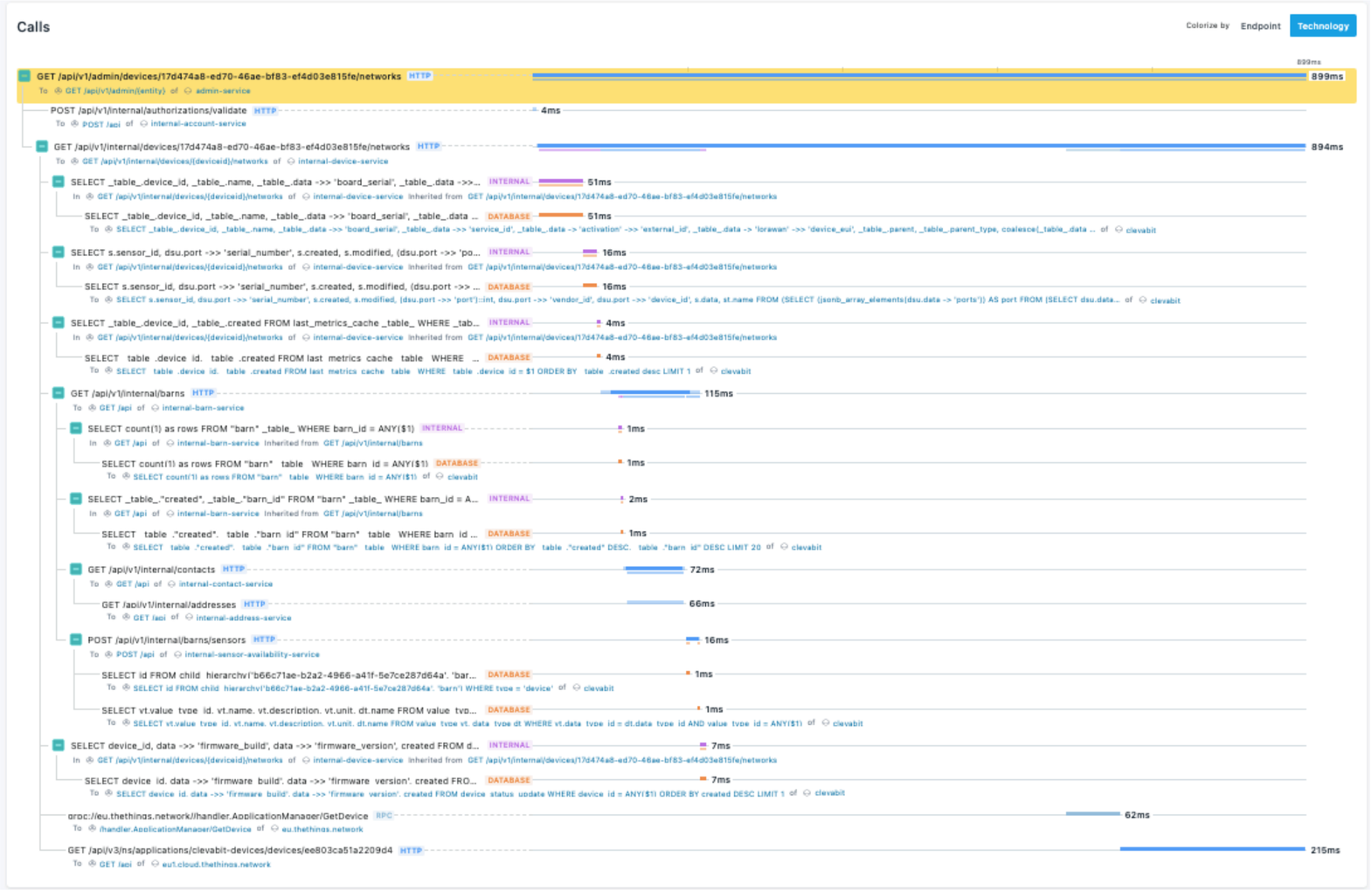
The Reality



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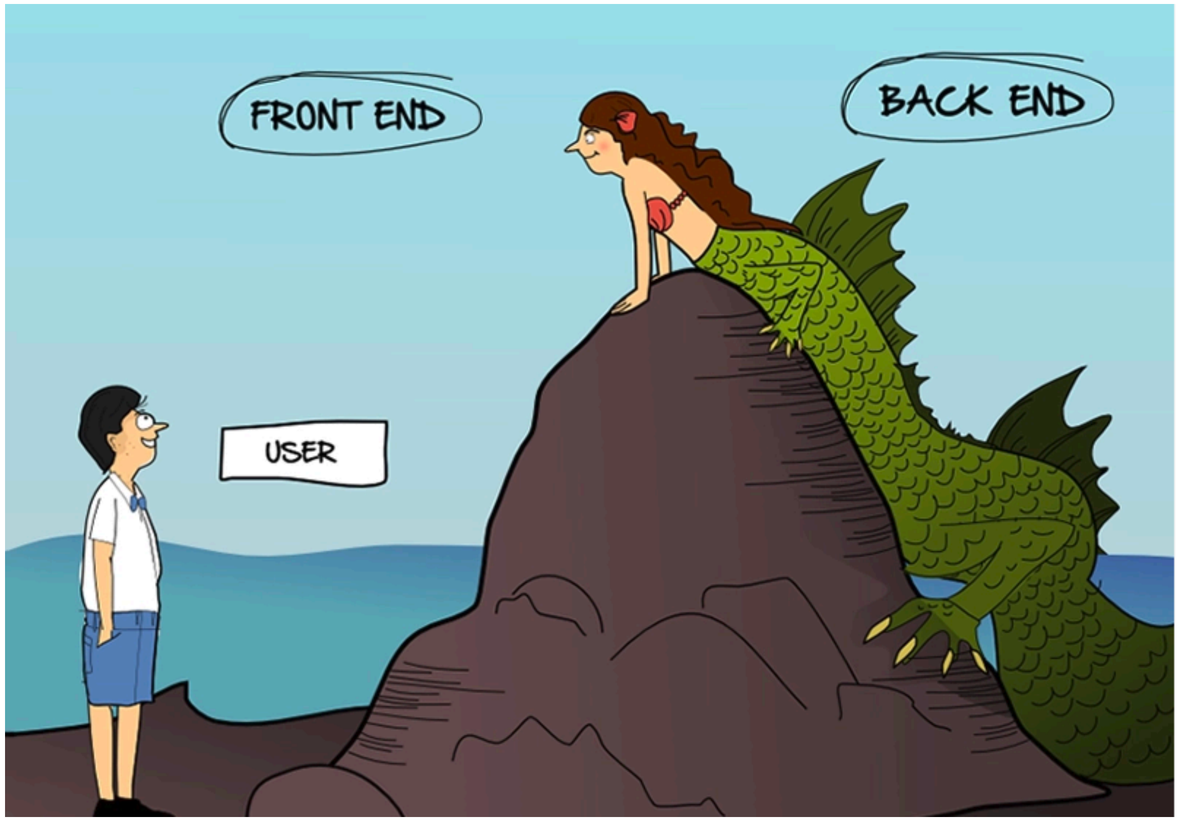

Picture: https://www.geeksforgeeks.org/what-is-the-difference-between-front-end-and-back-end-web-development/

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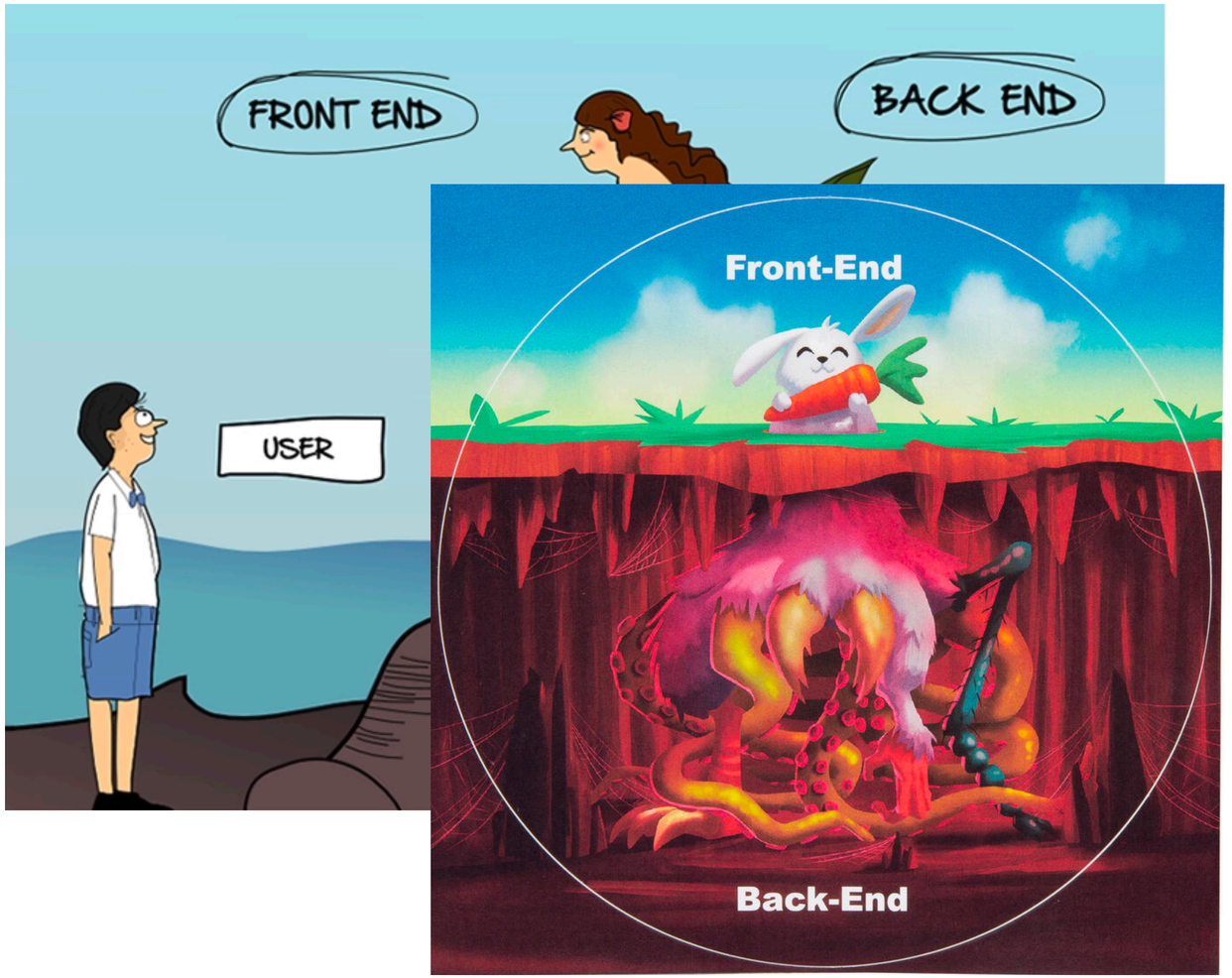

Picture: https://www.getdigital.de/aufkleber-front-end-back-end.html

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Picture: https://www.reddit.com/r/ProgrammerHumor/comments/7zfgwg/frontend_vs_backend/

Picture: https://www.getdigital.de/aufkleber-front-end-back-end.html

Picture: https://www.geeksforgeeks.org/what-is-the-difference-between-front-end-and-back-end-web-development/

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Animation: https://dribbble.com/shots/5414789-Sleep

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Image: https://www.shutterstock.com/video/clip-31553155-ringing-smartphone-animation-flat-design-style-on

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Architectural Complexity
may prevent Quick Reasoning

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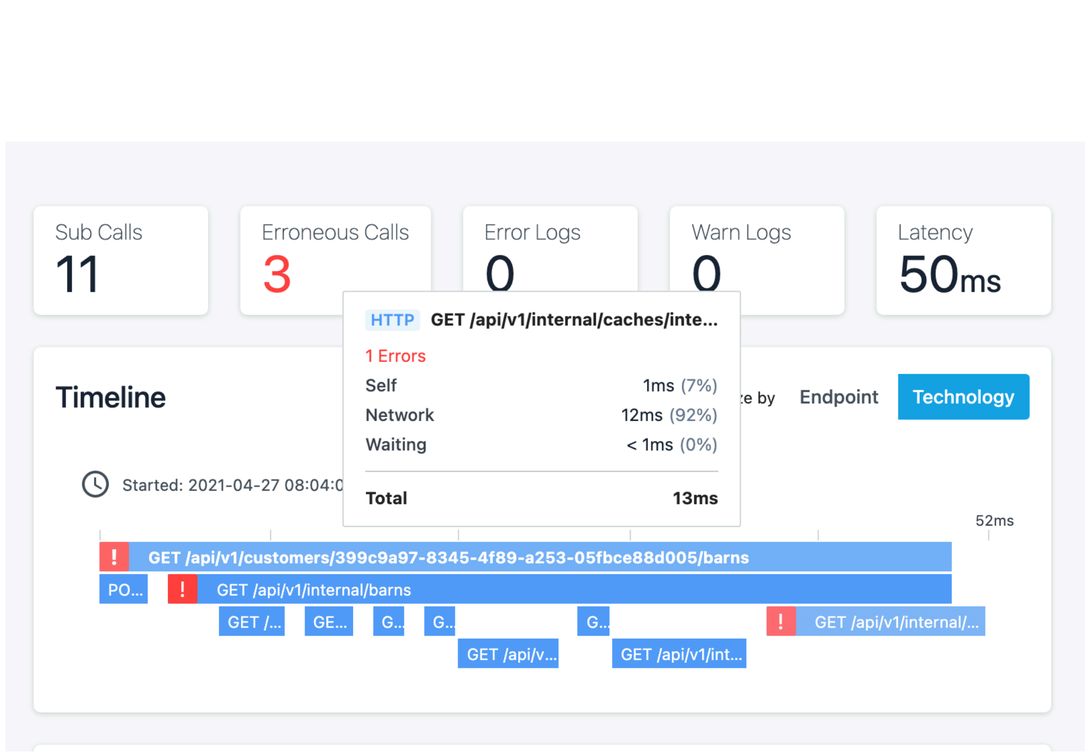

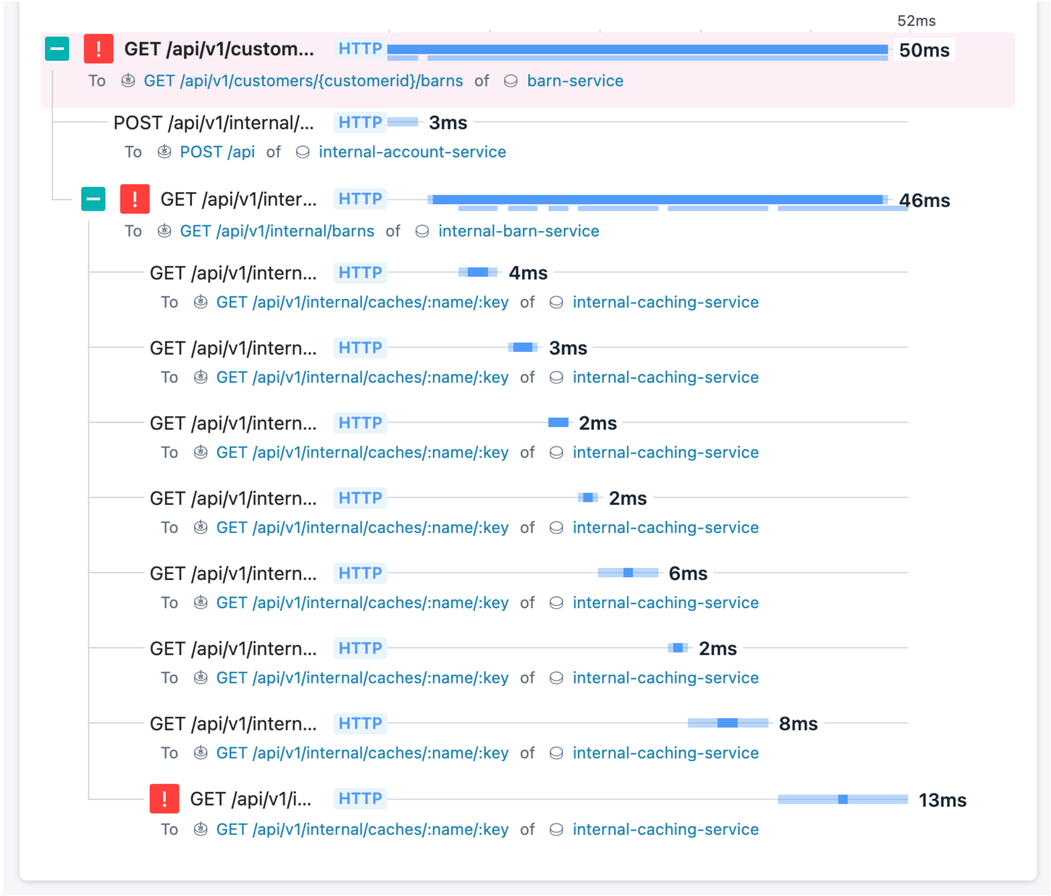

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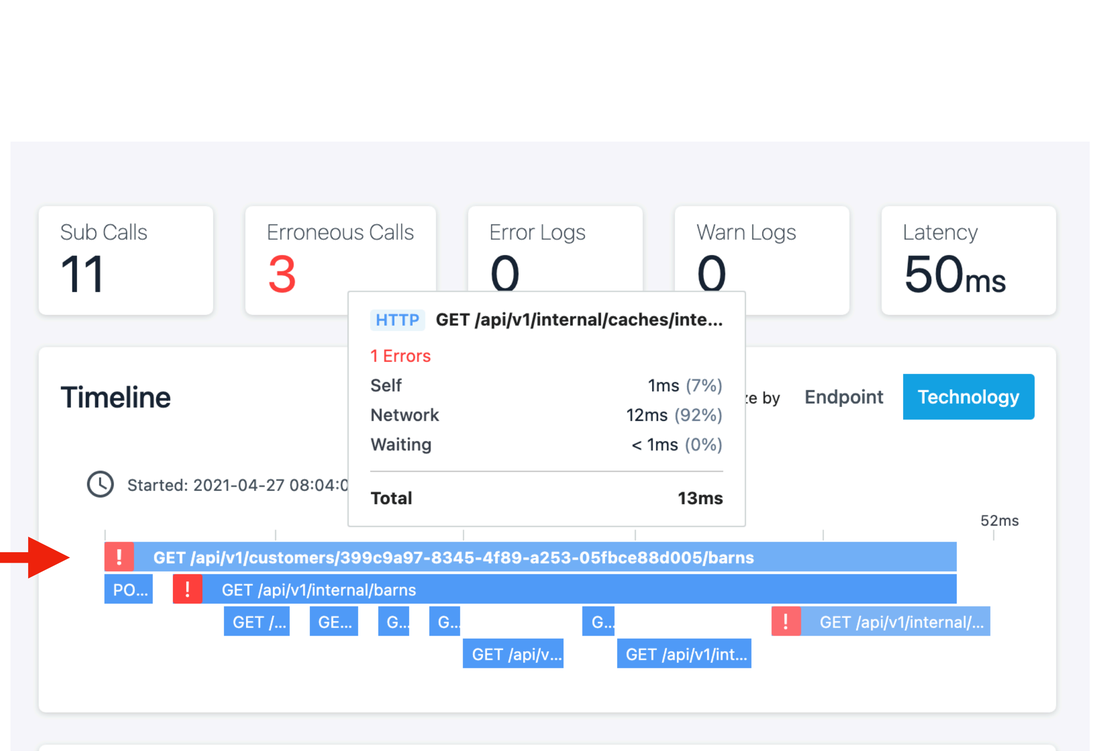

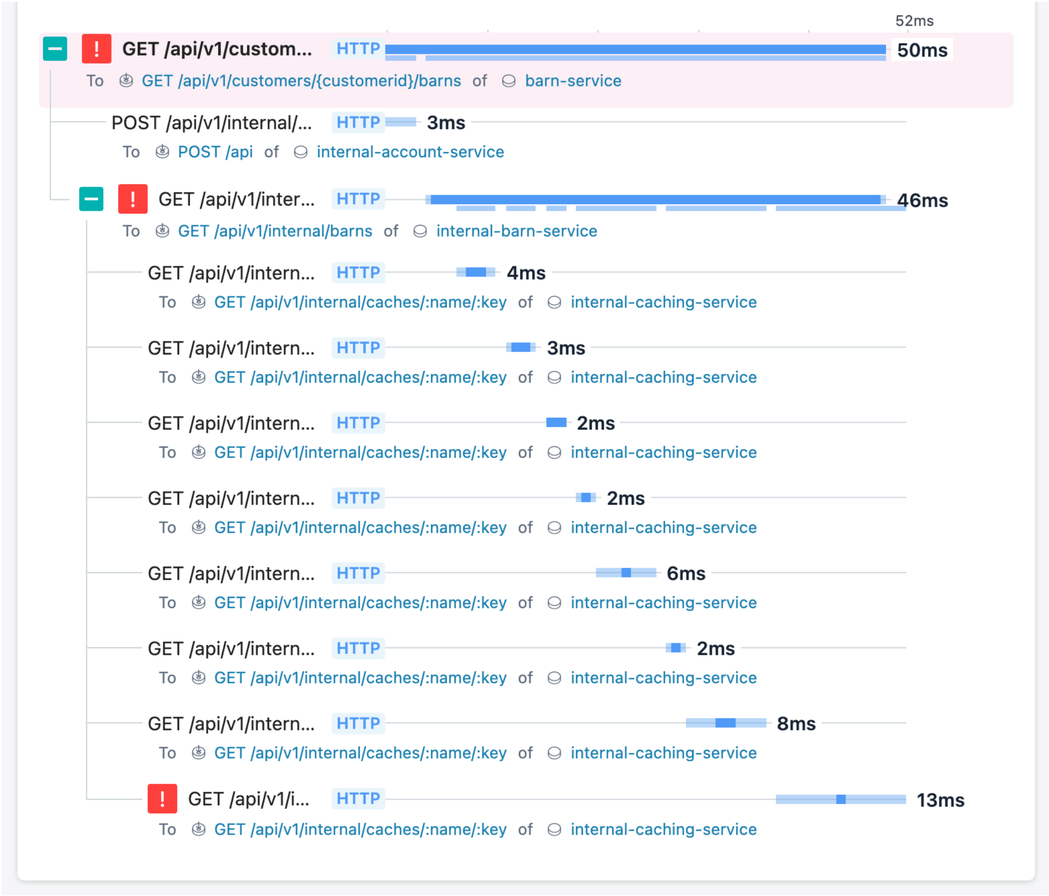

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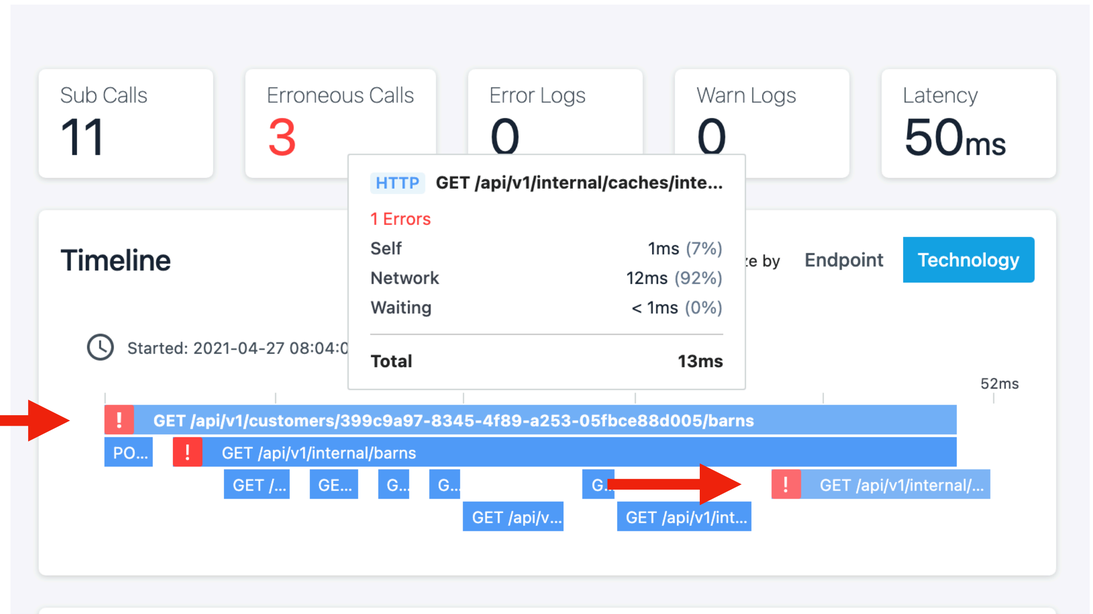

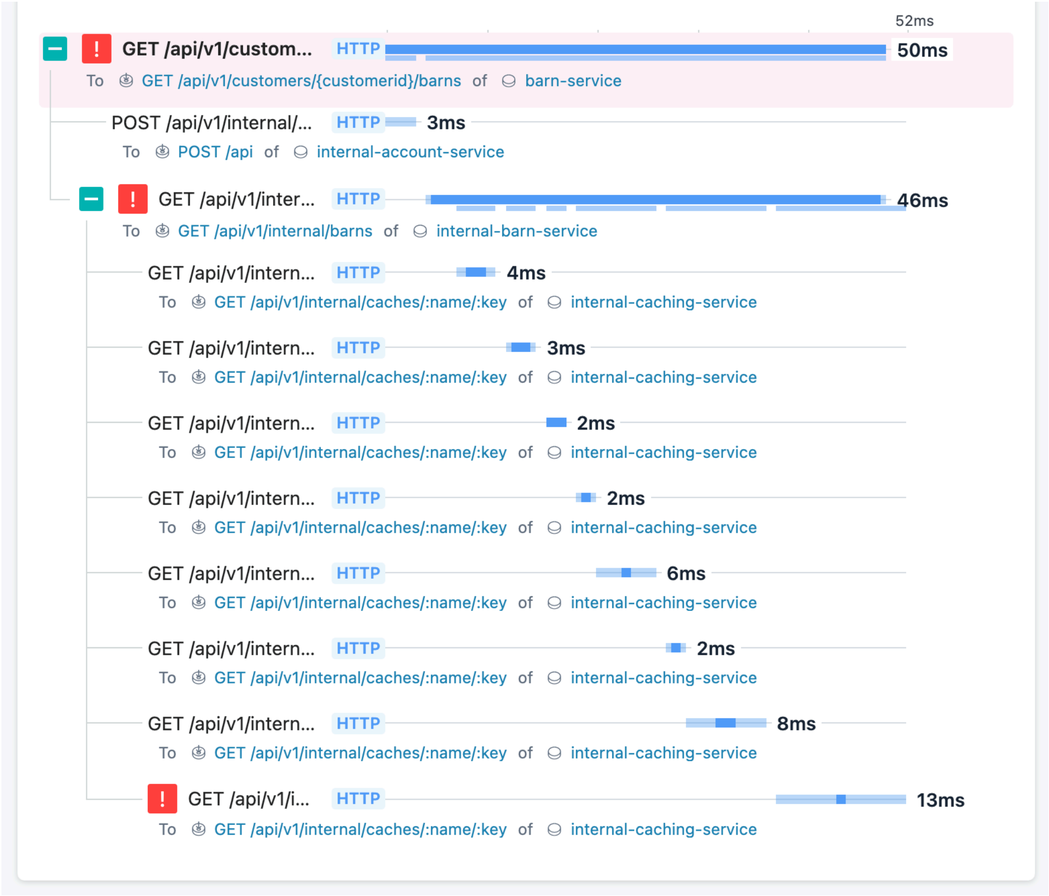

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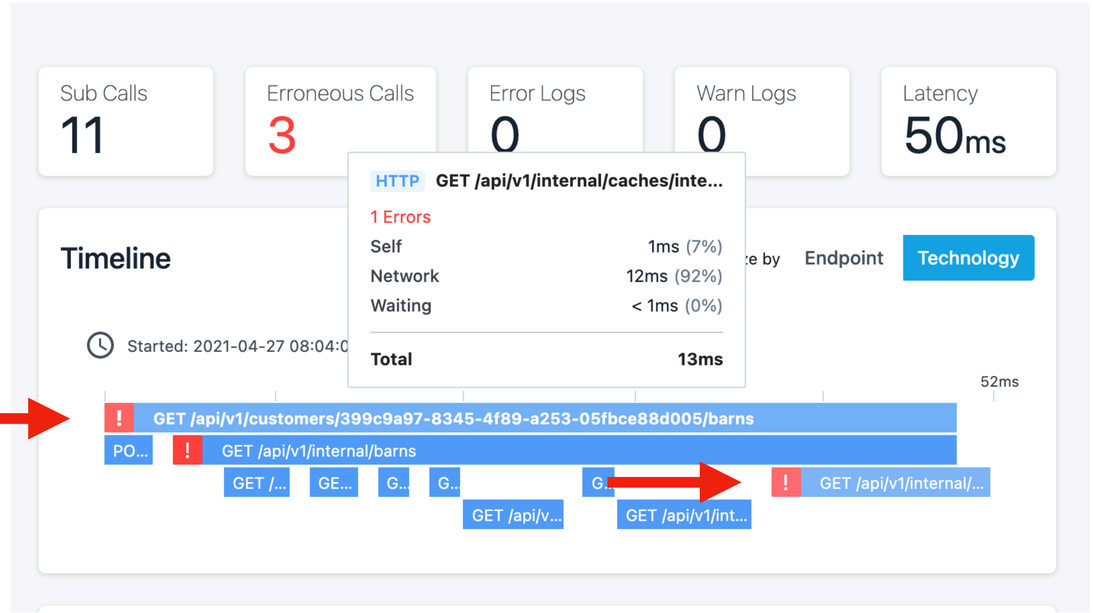
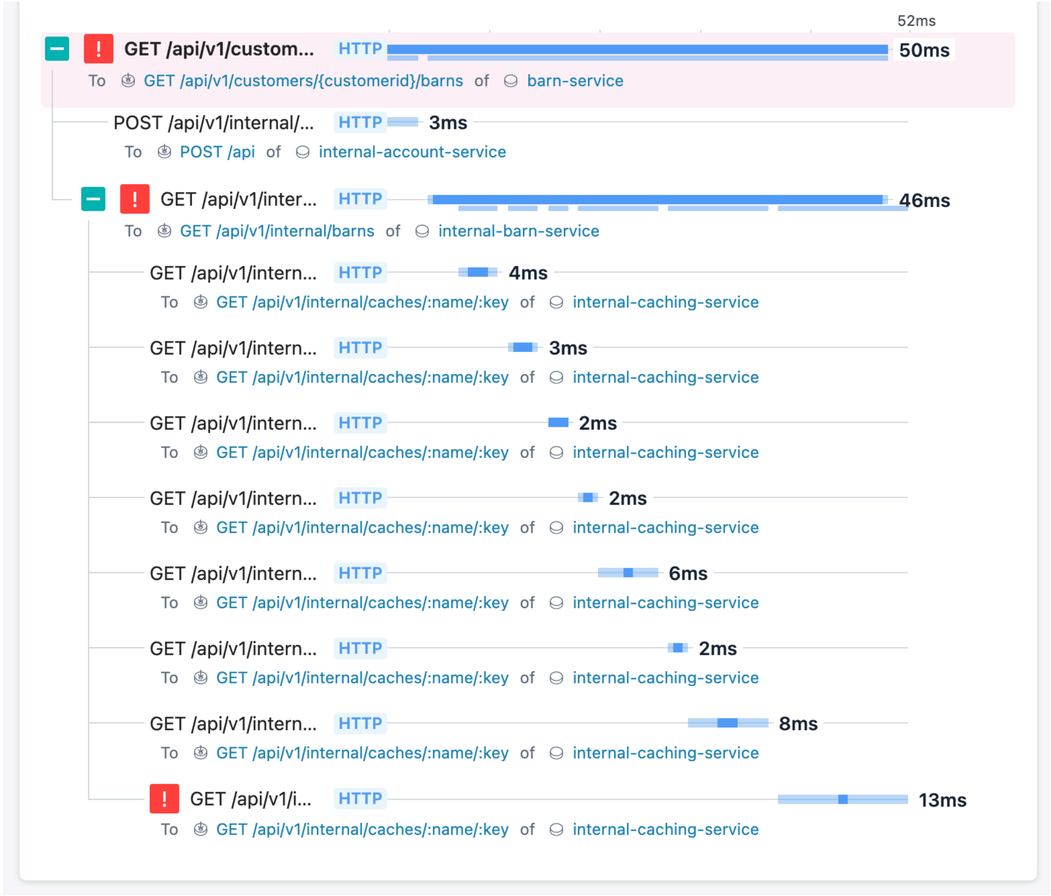
MTTGBTB





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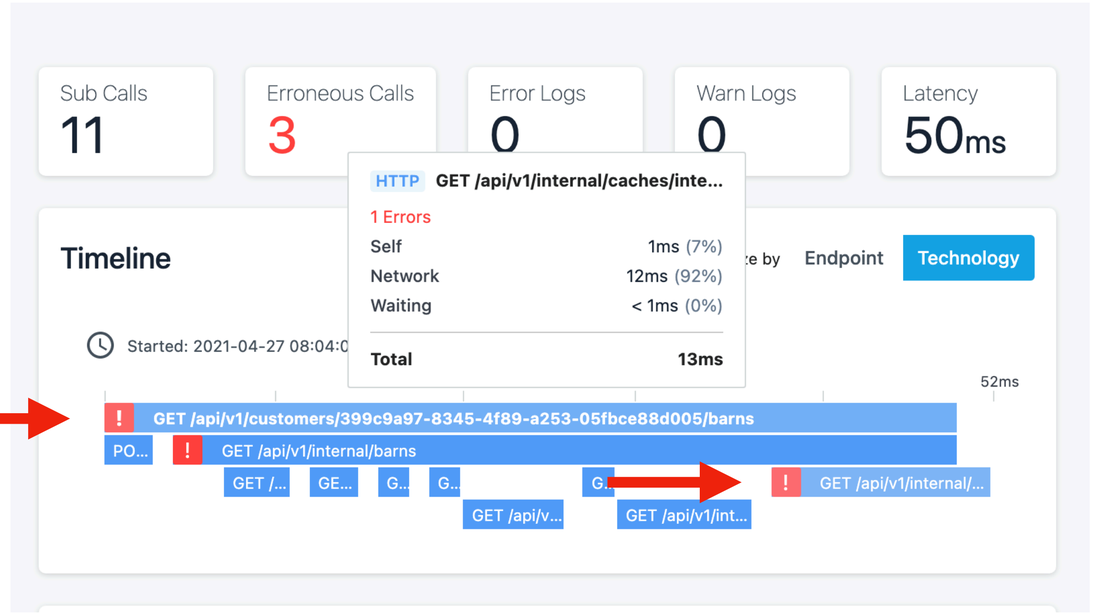
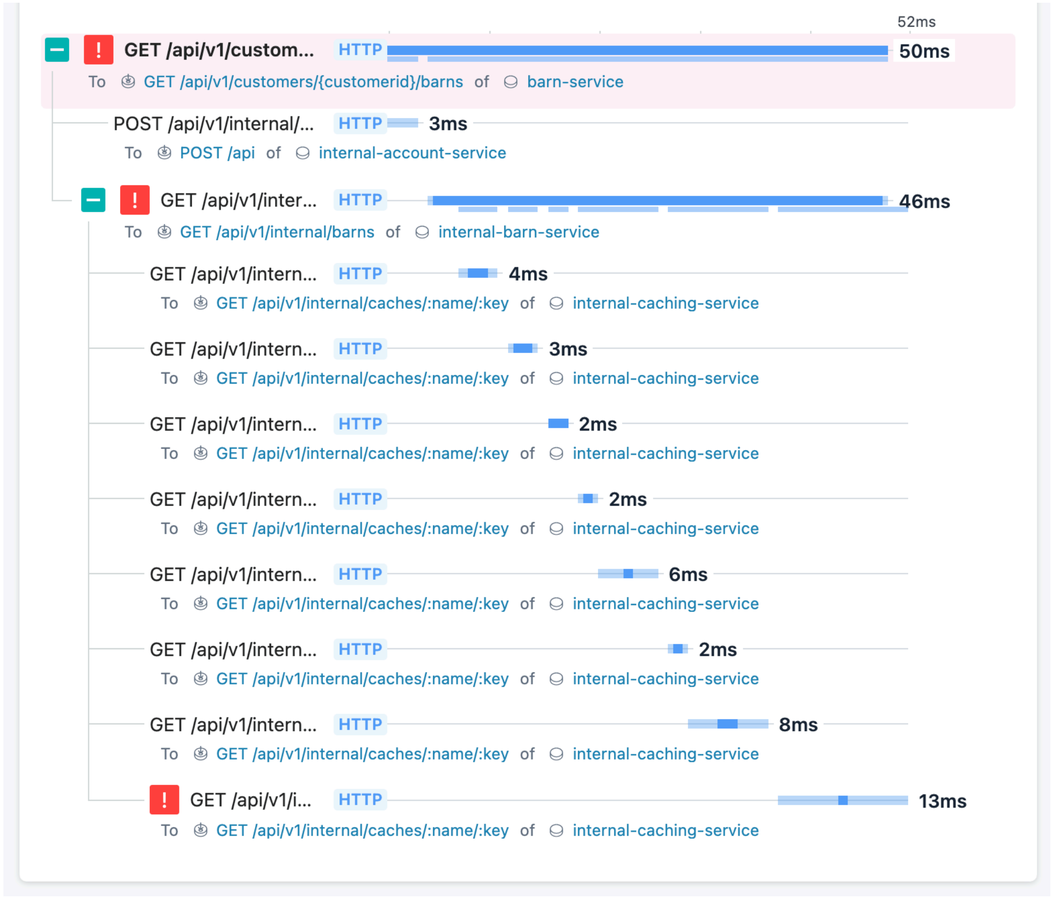
MTTGBTB

(Mean Time to Get Back to Bed)

By Karthik Kumar





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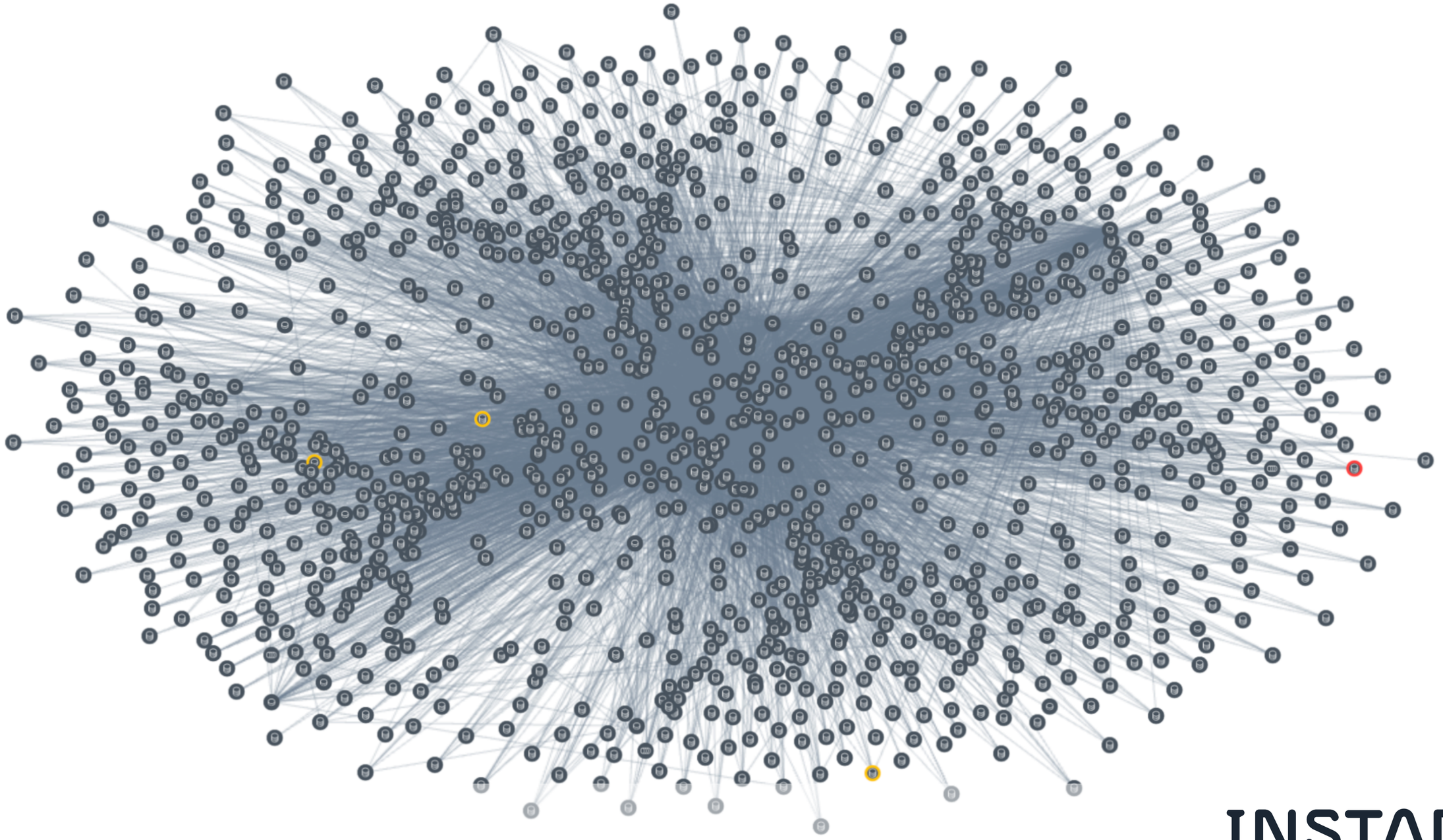

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Behavior-Driven Development

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Behavior-Driven Development

Observability Driven Development

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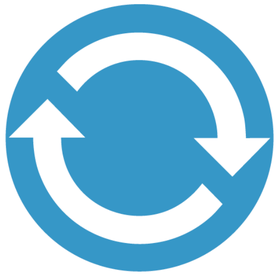

Behavior-Driven Development

Observability Driven Development

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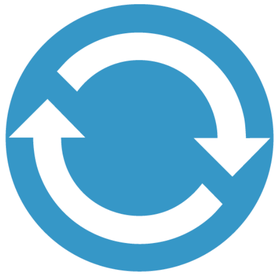

Behavior-Driven Development

Observability Driven Development

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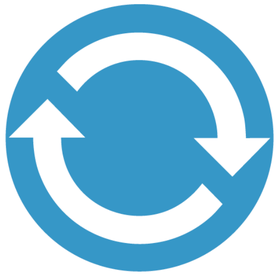

Behavior-Driven Development

Observability Driven Development

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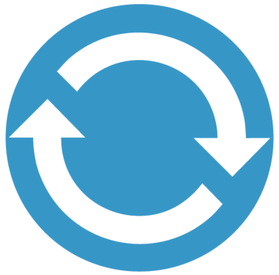
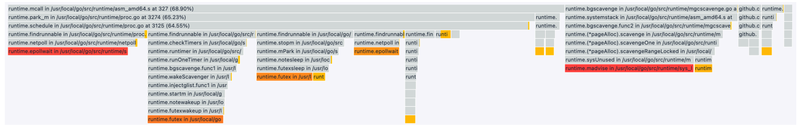


Behavior-Driven Development

Observability Driven Development



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Observability Driven Development

More Information, our *Observability for Developers* Ebook

https://instana.com/dev-observability

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Question?
Let’s talk in the chat!

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