Jaeger: Project Intro

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Agenda

- Observability & Tracing
- Jaeger Demo
- Jaeger Architecture
- Sampling
- Jaeger and OpenTelemetry

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Founder & Maintainer
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Co-founder of
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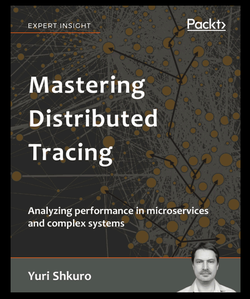


Author of the book
Mastering Distributed
Tracing

Part I

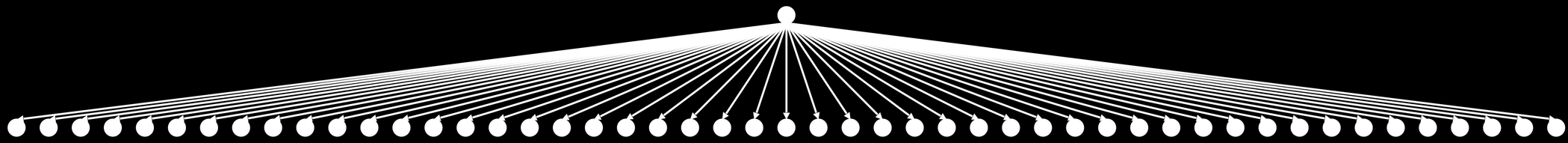
Observability
in distributed systems
and microservices

Modern Systems

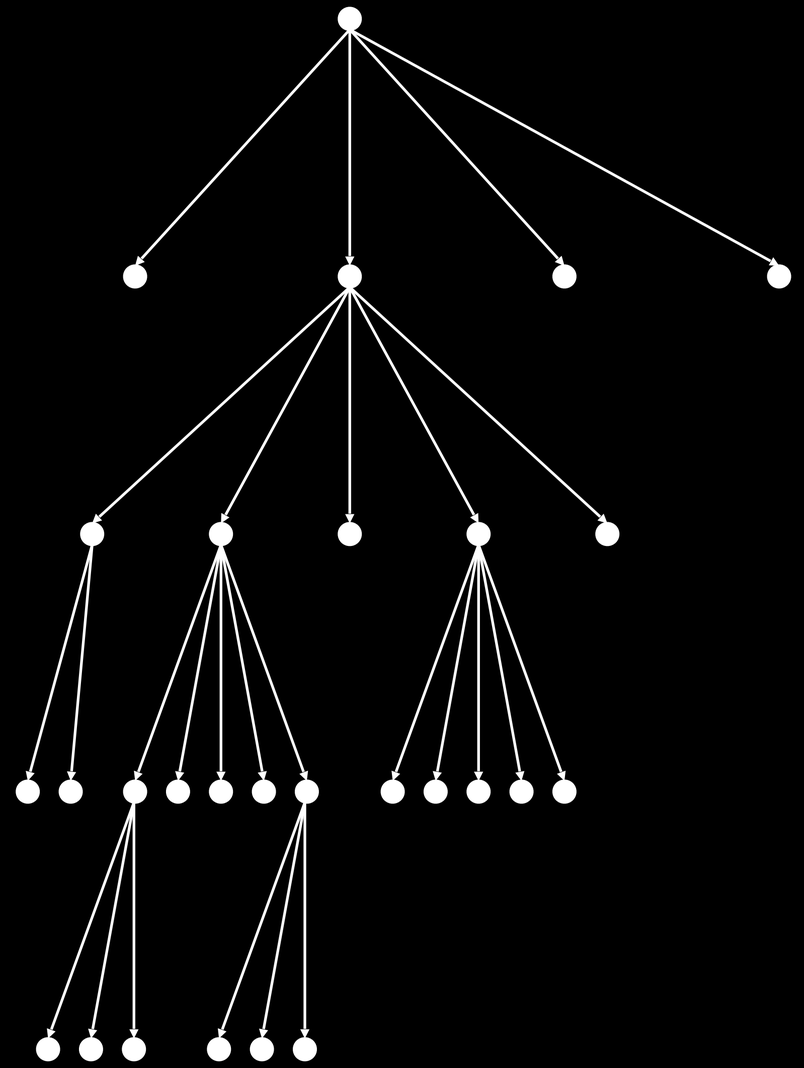
Scaling up does not scale

Scaling out - what does that mean?

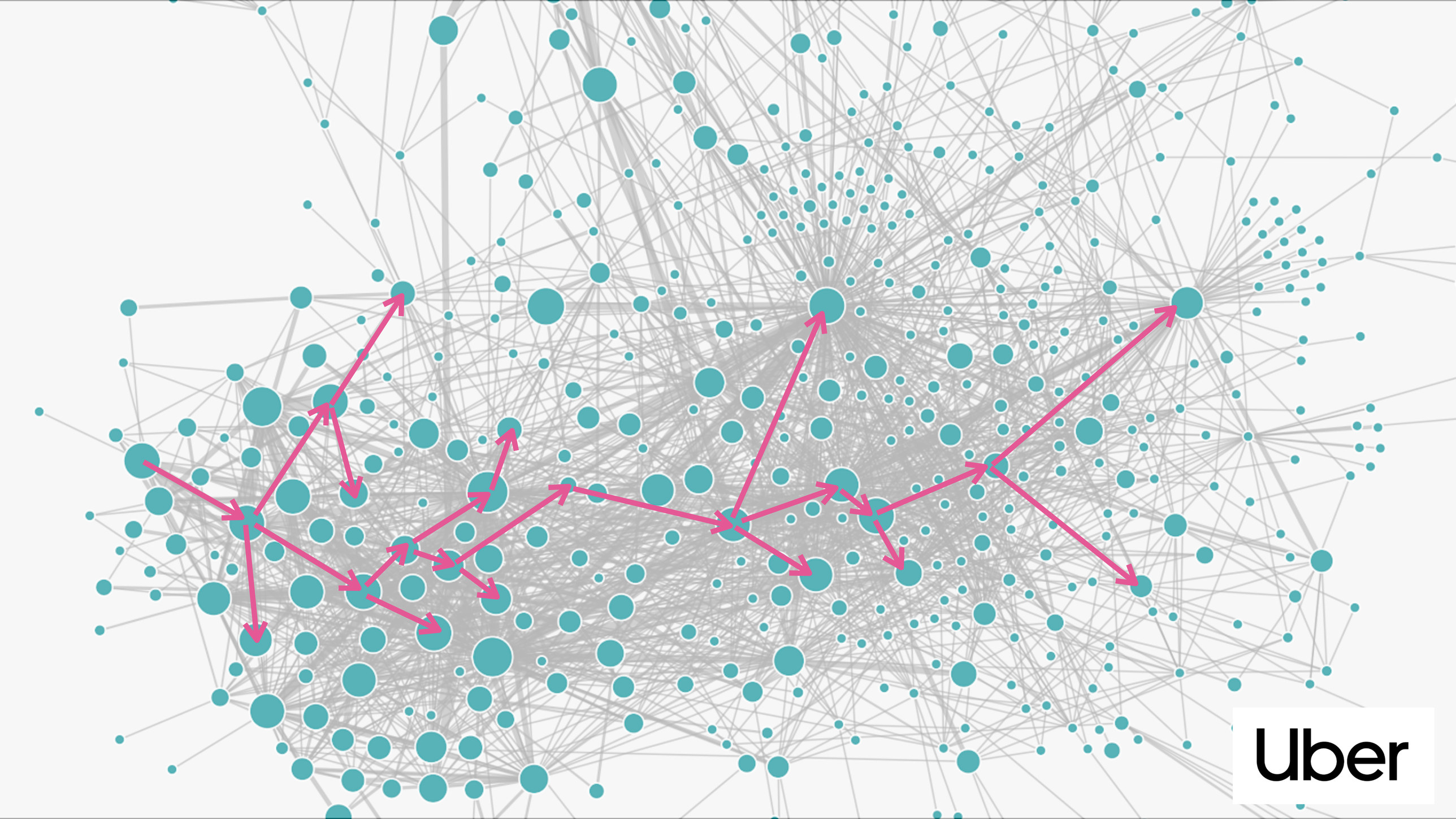
Scaling Wide



Scaling Deep

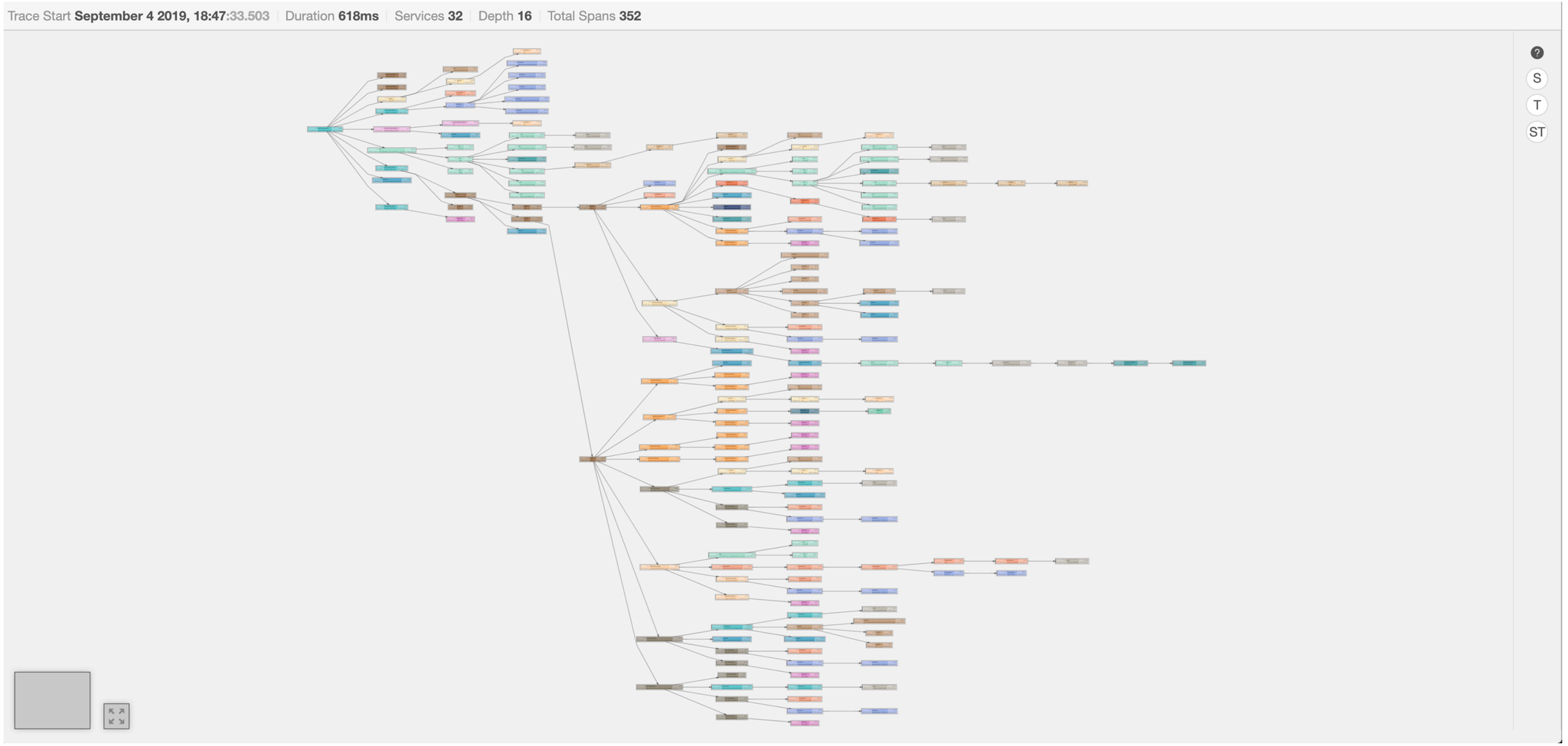


Microservices at scale
are not just *wide systems*,
they are deep systems

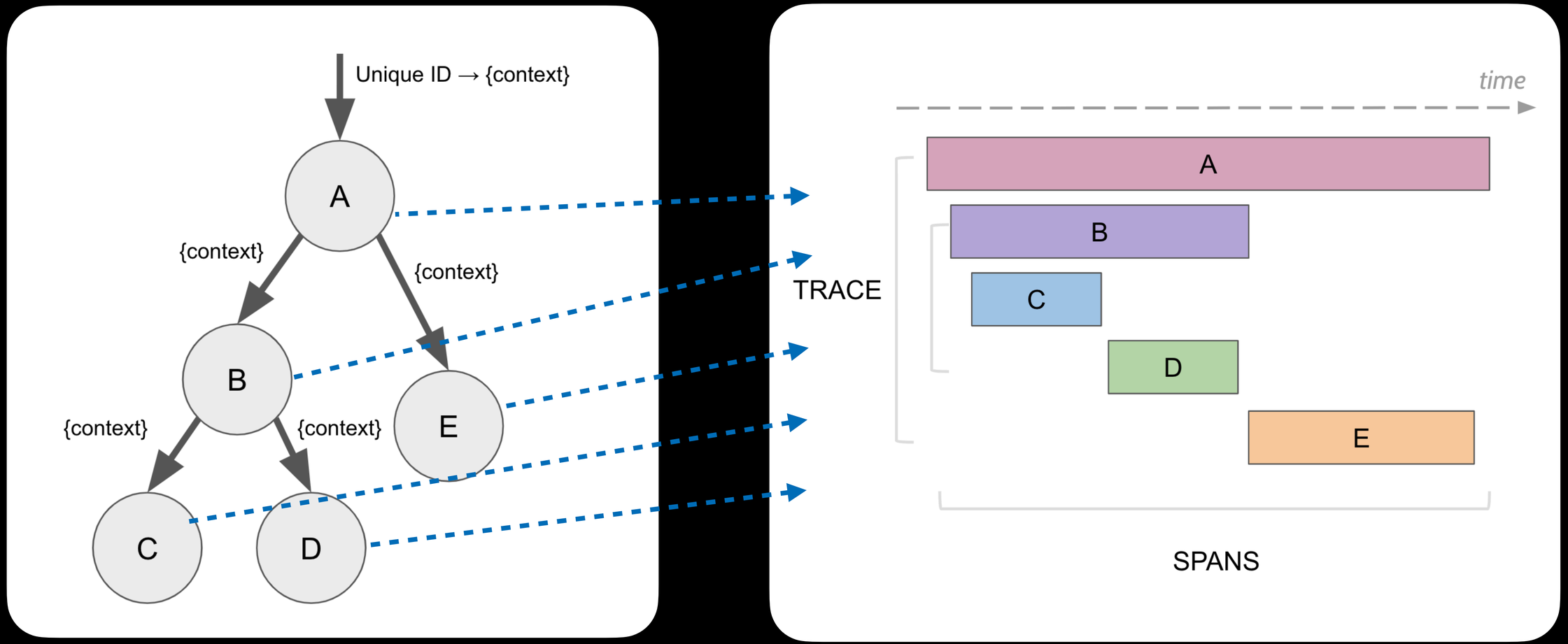

Uber

Real production request

Touches 32 microservices, over 100 RPCs, 14 levels of depth



In deep distributed systems,
finding what is broken and where
is often more difficult than why

Distributed Tracing Crash Course

Built on top of context propagation