

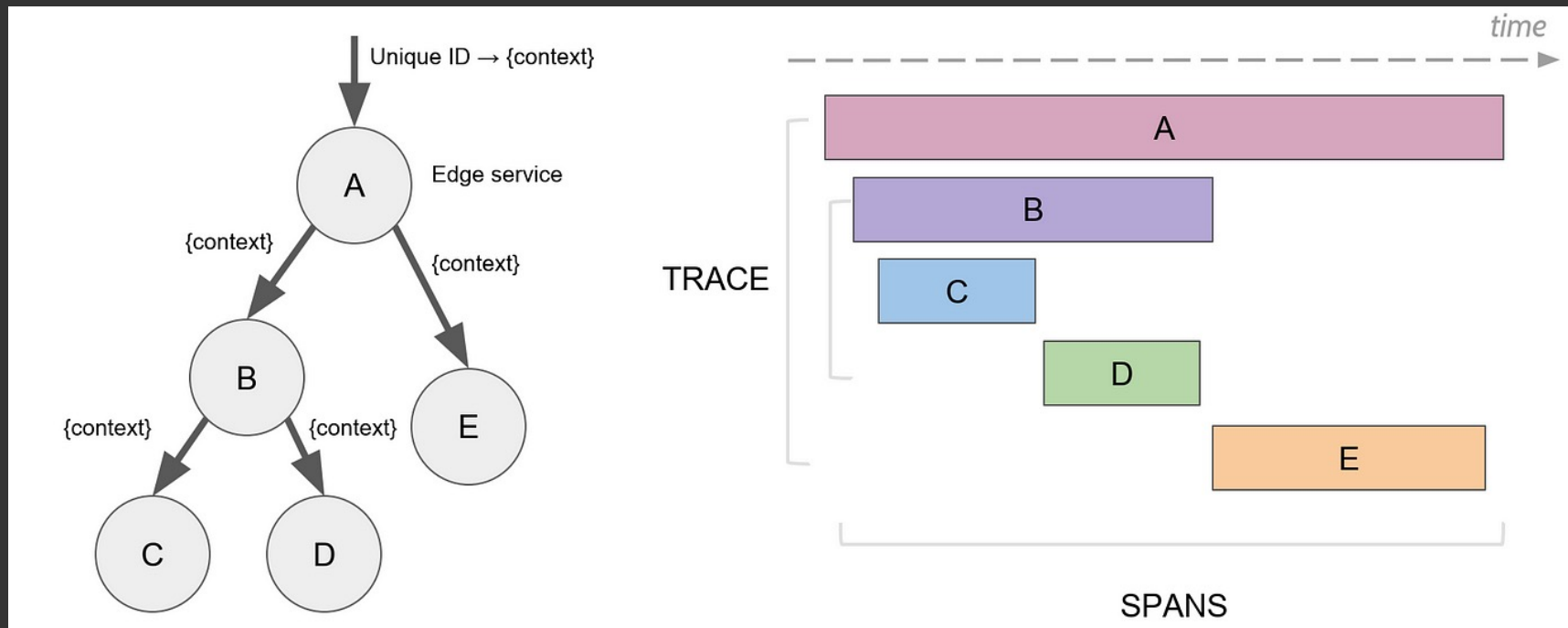


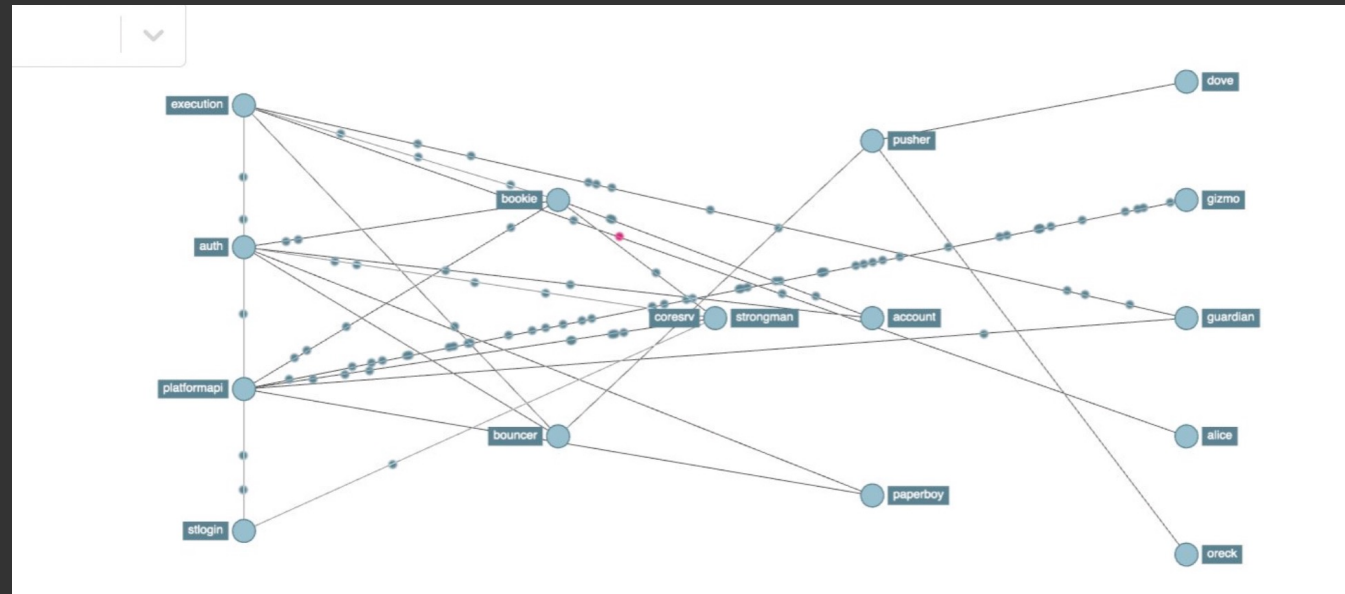
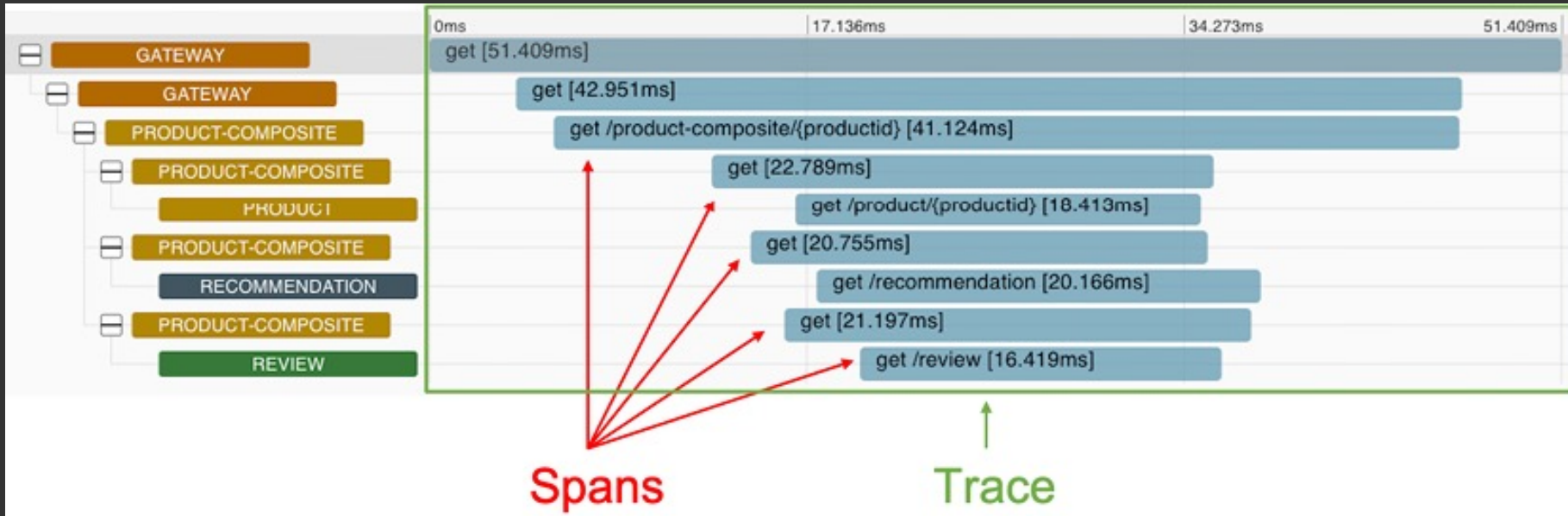
Microservice

Distributed Tracing using Zipkin & Micrometer

Distributed Tracing

Distributed tracing is a technique that tracks requests as they move through a distributed system, such as a microservices environment or cloud native architecture. It helps developers understand how requests are handled across multiple applications, services, and databases.





Micrometer

Micrometer is a tool that helps developers keep track of how their microservices are performing. It provides a simple façade over the instrumentation clients for the most popular monitoring systems.

It is a vendor-neutral application metrics façade. Application metrics recorded by Micrometer are intended to be used to observe, alert, and react to the current/recent operational state of your environment. It can be used as metrics Façade for Amazon Cloud Watch, Elastic, Prometheus and [Zipkin](#).

Zipkin

Zipkin is a tool that helps developers trace requests across different parts of a distributed system. Think of it as a way to see the path a request takes as it moves between different microservices. This can be really useful for understanding how long it takes for requests to be processed, where bottlenecks are, and what might be causing problems.

Installation process: [here](#)

