

LOG TRACING in microservices architecture

SPRING CLOUD SLEUTH AND ZIPKIN



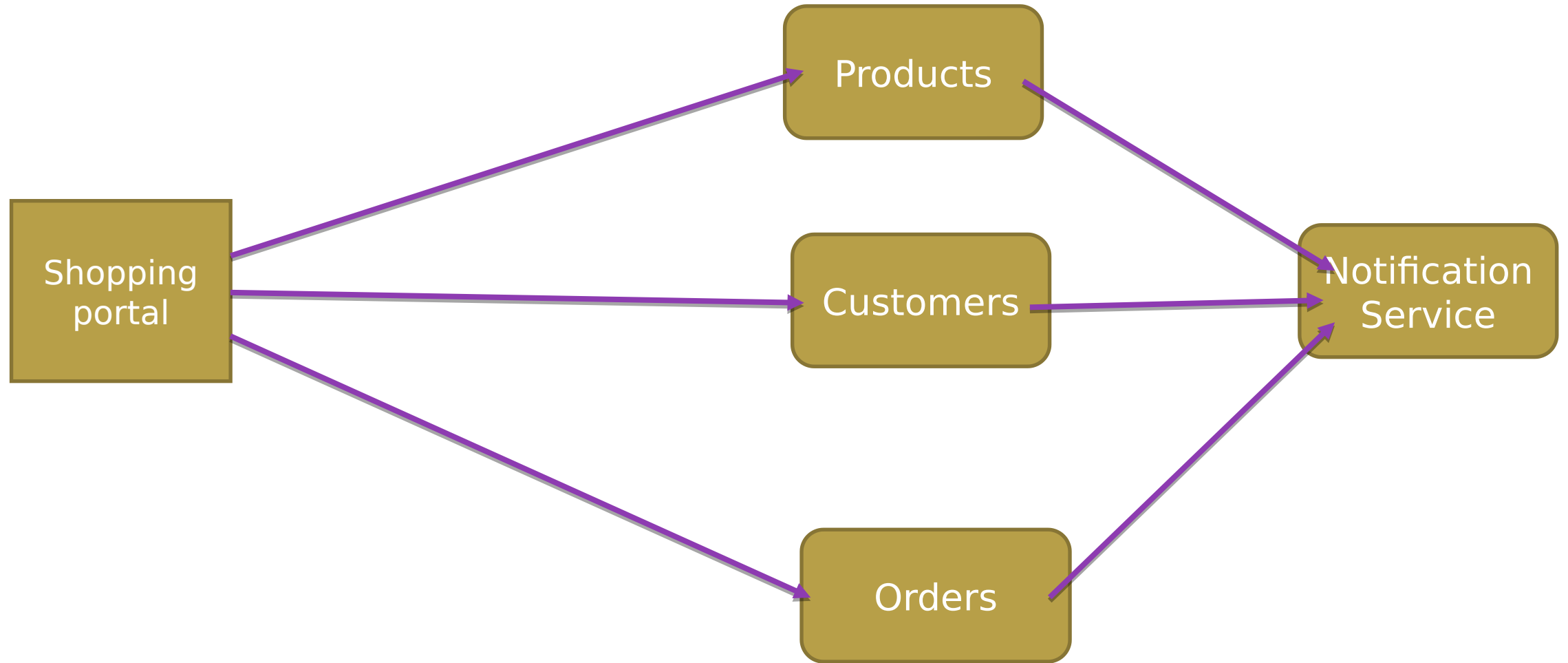
Spring Cloud Sleuth



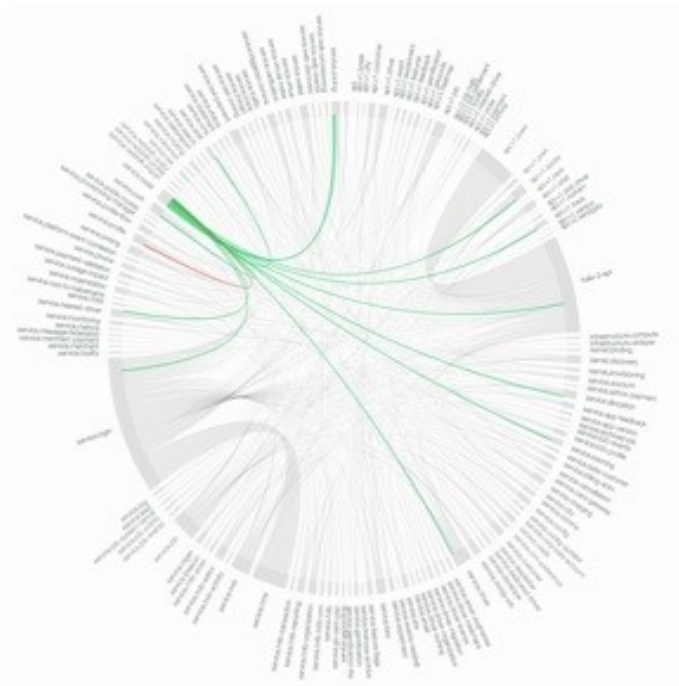
Real life problem

- Issue on web
- Support people
- Maintenance team
- QA
- Developer

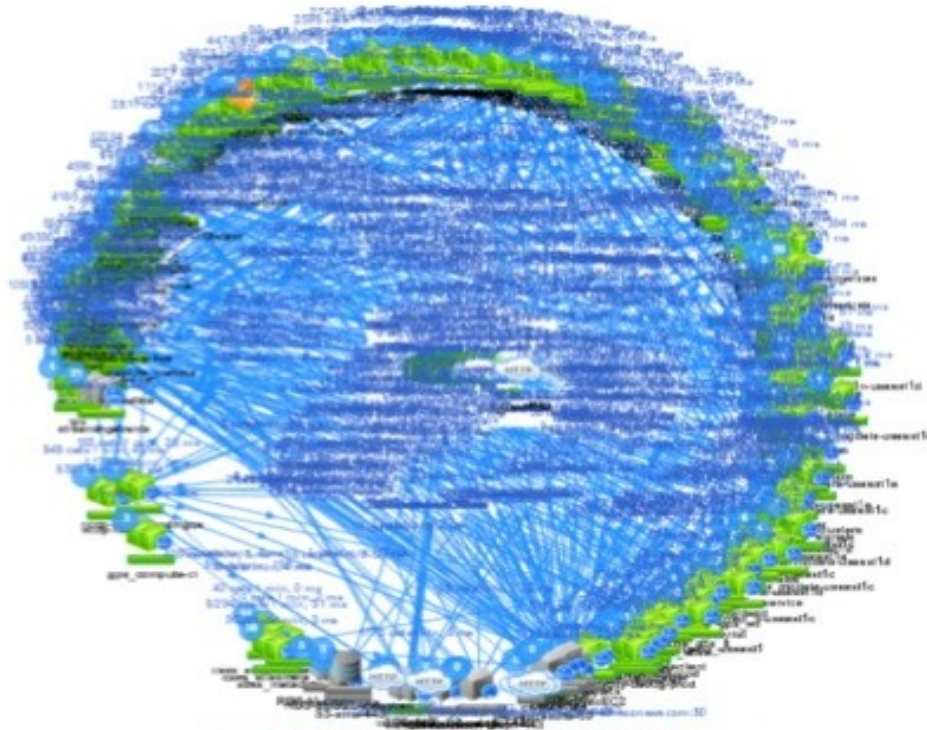
Microservices architecture & Request tracing



450 microservices



500+ microservices



NETFLIX

500+ microservices



Source:

Netflix: <http://www.slideshare.net/BruceWong3/the-case-for-chaos>

Twitter: <https://twitter.com/adrianco/status/441883572618948608>

Hail-o: <https://sudo.hailoapp.com/services/2015/03/09/journey-into-a-microservice-world-part-3/>

DISTRIBUTED LOG TRACING SYSTEM

Spring cloud sleuth

introduction

Spring cloud sleuth: Terminology

- Spring Cloud Sleuth implements a distributed tracing solution for Spring Cloud
- **Span:**
 - The basic unit of work.
 - unique 64-bit ID
 - Also have metadata
- **Trace:**
 -

Diagram

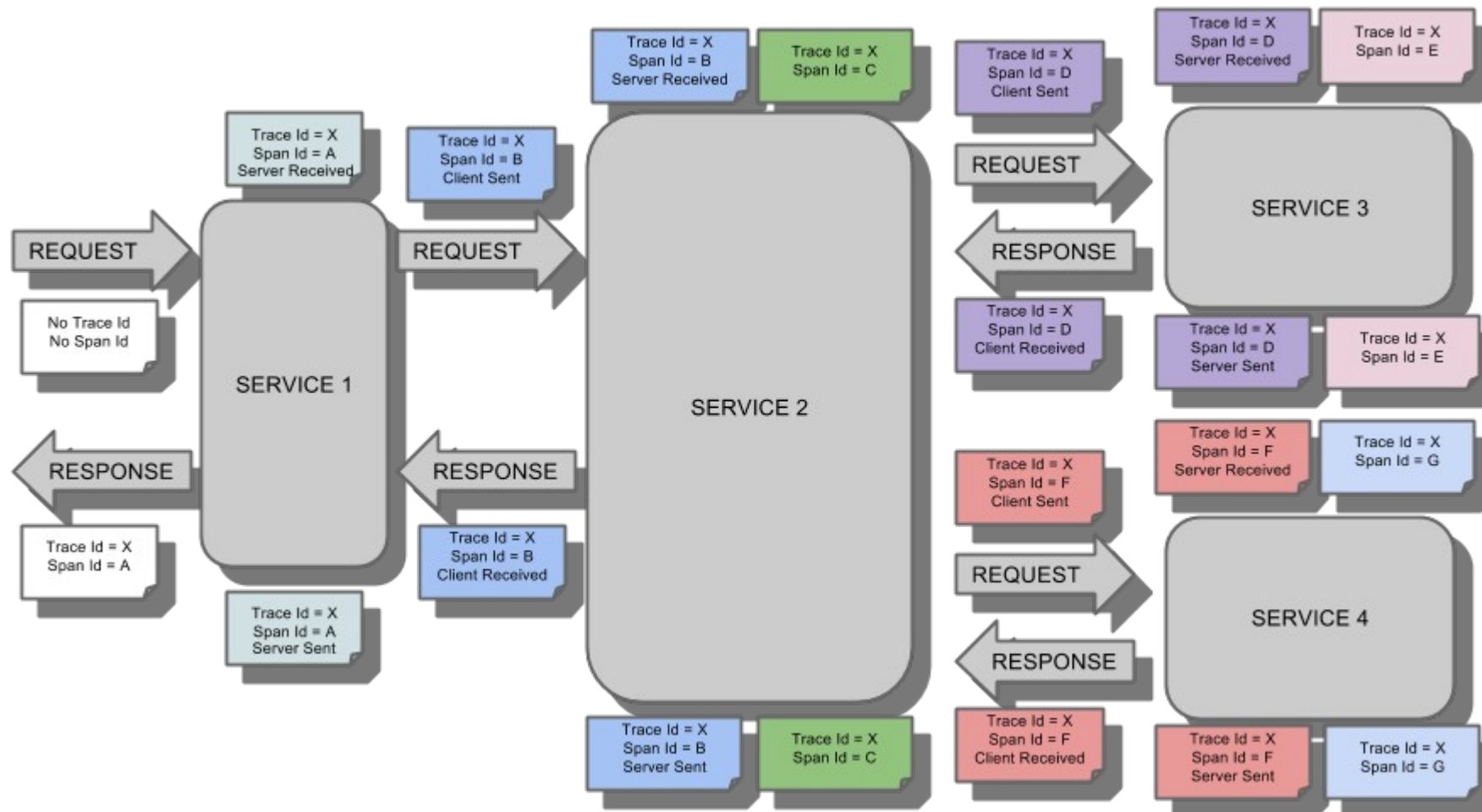
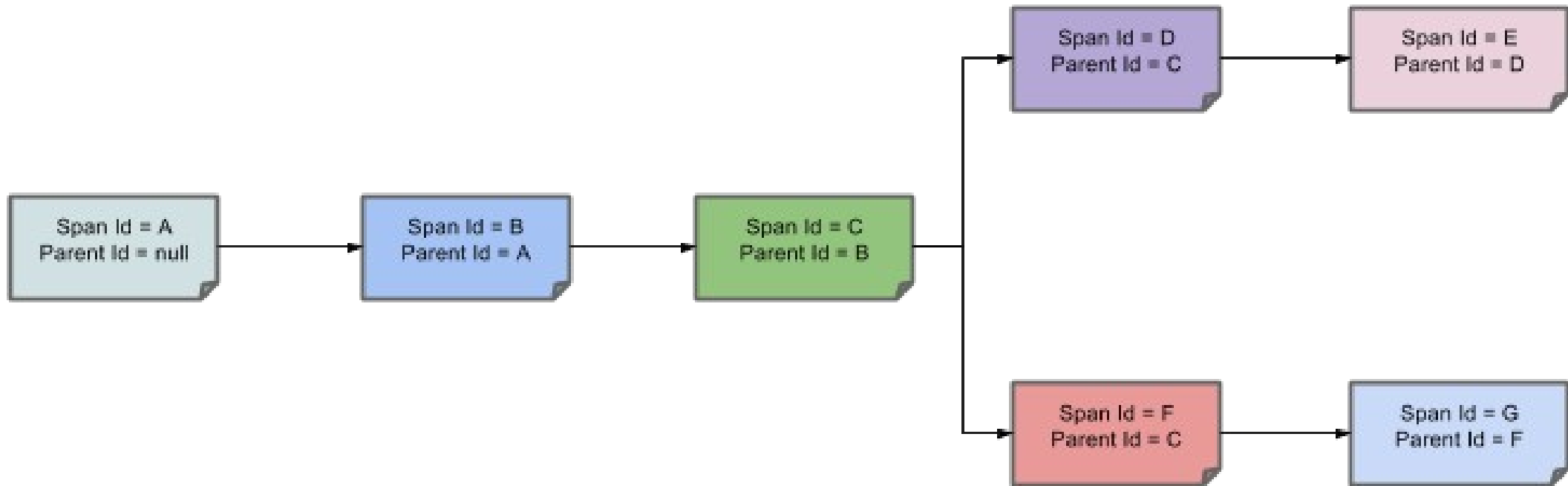


Diagram..



Microservices architecture & Request tracing

