

ArchiLab



Fachspezifischer Architekturentwurf

Gastvortrag

Freitag - 16.11.2018 - 13:30 Uhr - Raum 0501

Ansgar Brauner

...works at REWE Digital as Software Architect, taking care of the Domain Fulfillment. He started at REWE Digital in 2014 to help one of Europe's biggest food retailers building the leading food eCommerce platform in Europe. Beside enabling 15 teams to work autonomously he helps the product owners to not neglect the technical view. Ansgar leads the Java User Group Dortmund is a speaker at international software development conferences like JavaOne, Devnexus, JPrime and Javaland.

Praxisbericht Anwendung DDD / Microservice-Migration im Brownfield-Projekt

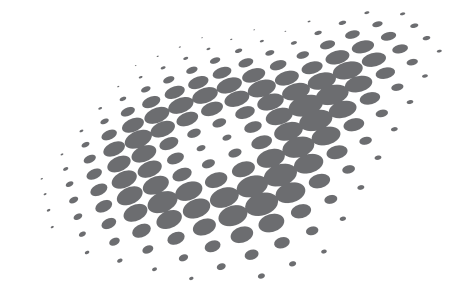
A competitive food retail architecture with microservice

„Three years ago we started refactoring a monolithic shop into an e-commerce microservice platform. By now we've grown to 150 developers. In this talk we want to share our journey and the lessons we've learned the hard way.

After agreeing on a few terms about microservices we want to provide some answers to problems we ran into:

- What kind of organizational structure do you need to reflect the vertical boundaries in software while growing fast?*
- How do you define bounded contexts with many teams and features? Are there ways to guide your teams and enable autonomy on all levels in your organization?*
- Can you enable your teams to develop and deploy independently all the way to production?*
- How does asynchronous communication with Apache Kafka change the way you think about your entities?*
- How can multiple microservices contribute to the same pages? (And why you might have to implement this twice...)*

As you see we will share our interpretation of a micro service architecture where developers stay in the driver's seat and have a fair degree of independence and participation."



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