

# Microservices Architecture

CSSE6400

Richard Thomas

April 11, 2022

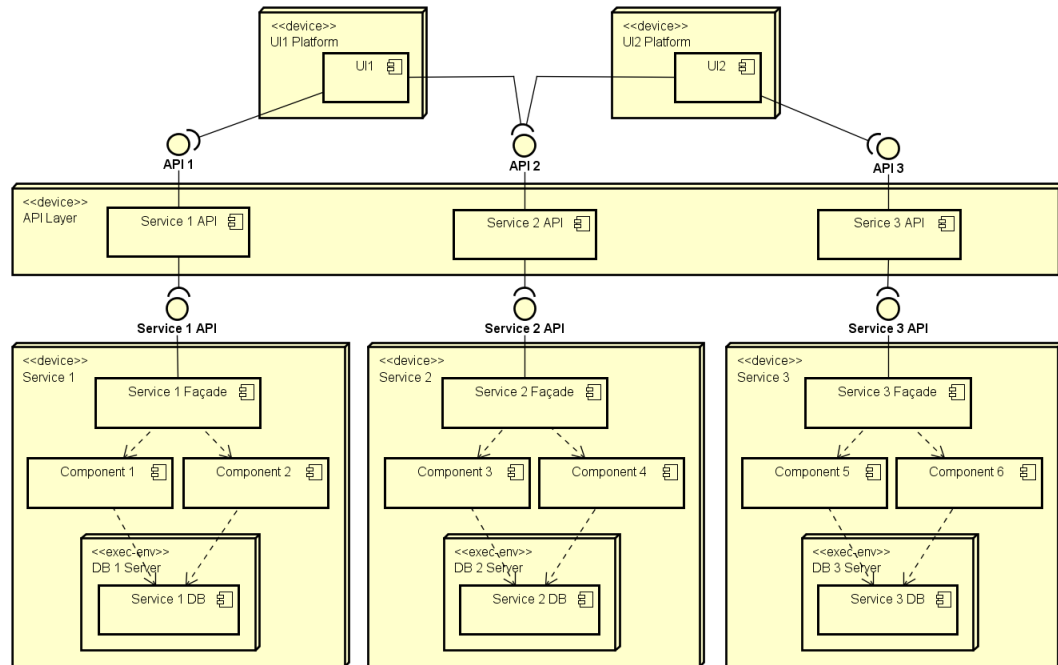
Microservices

Inspired by DDD

#### Definition 1. Bounded Context

Logical boundary of a domain where particular terms and rules apply consistently.

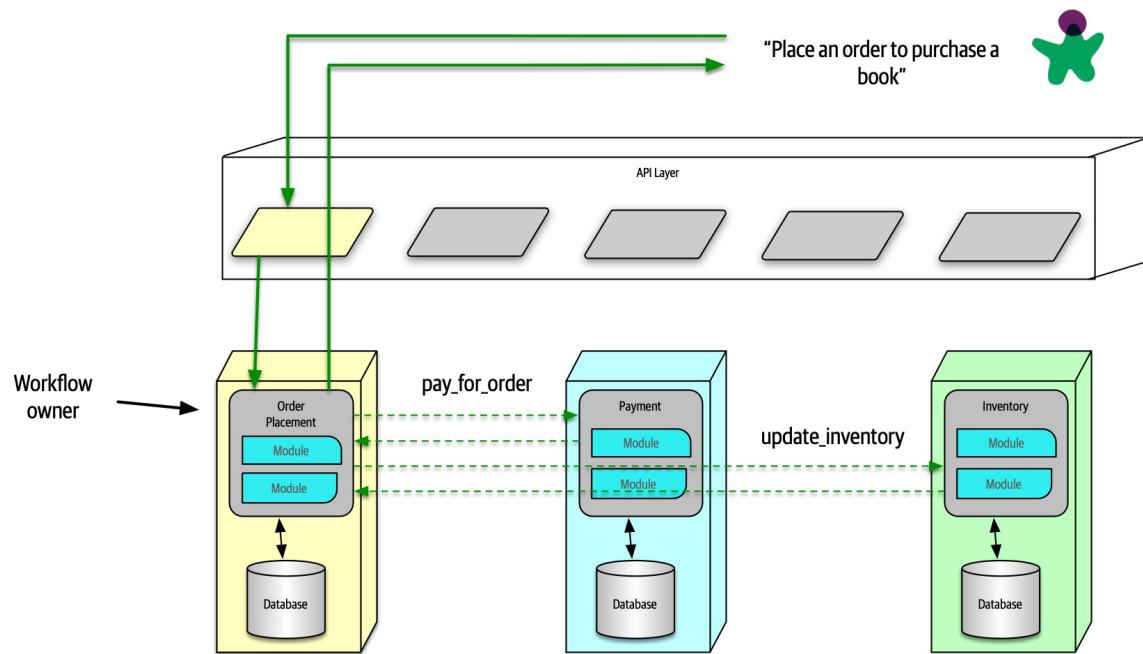


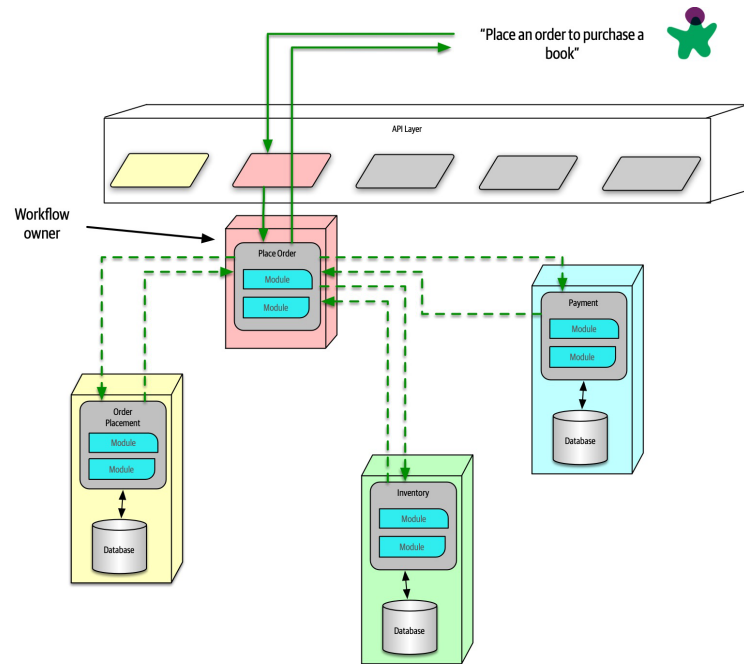


## Choreography & Orchestration

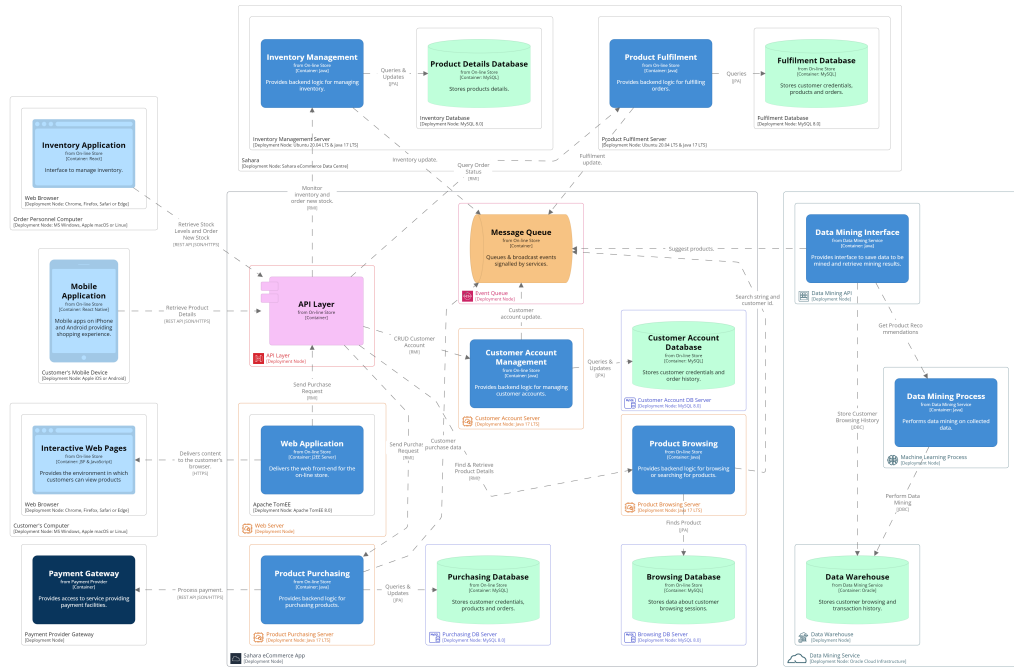
**Choreography** Similar to event-driven *broker*

**Orchestration** Similar to event-driven  
*mediator*









Pros & Cons

Modularity



Extensibility



Reliability



Interoperability



Scalability



Security



Deployability



Testability



Simplicity

