

# Microservices Architecture

CSSE6400

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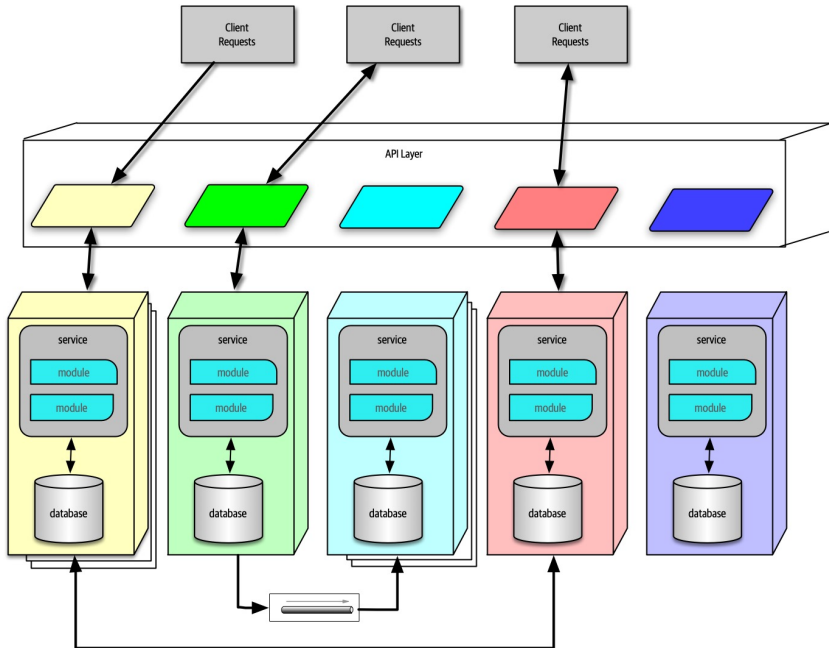
Microservices

Inspired by DDD

### Definition 1. Bounded Context

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

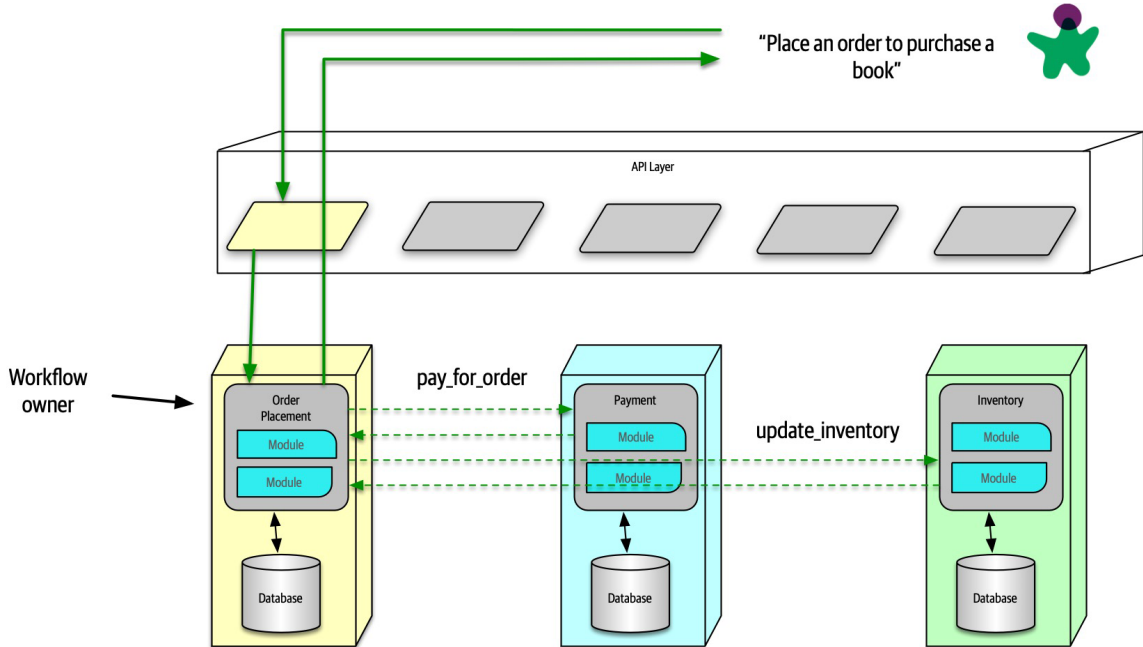


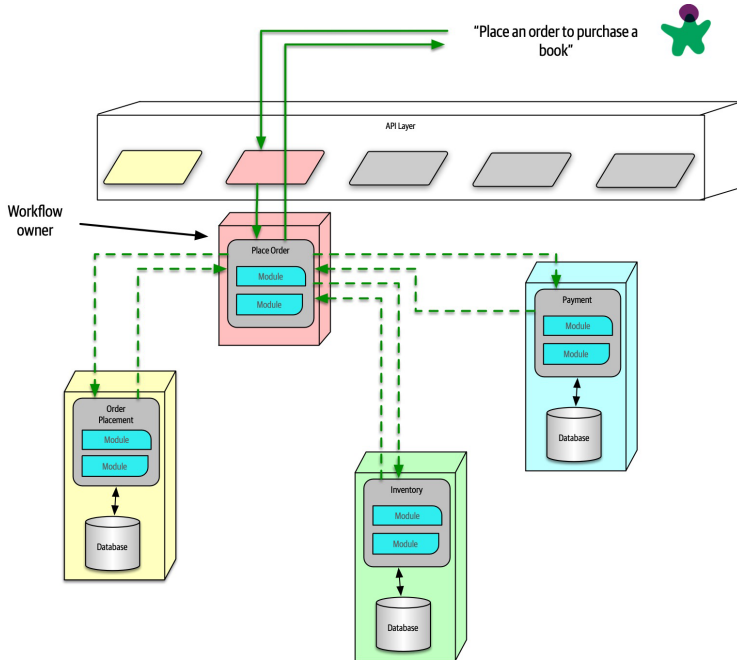


## Choreography & Orchestration

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

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







## Pros & Cons

Modularity



Extensibility



Reliability



Interoperability



Scalability



Security



Deployability



Testability



Simplicity

