

# **Casi di studio con RabbitMQ**

Claudio Biancalana

# Utilizzo RabbitMQ

## Pattern e casi di studio

- Event Sourcing (ES)
- Command Query Responsibility Segregation (CQRS)
- Combinazione ES+CQRS
- Lambda Architecture
- Saga Pattern
- Architetture Complesse

# Event Sourcing (ES)

**BankAccountCreated**

id: 123  
owner: John Doe

**DepositPerformed**

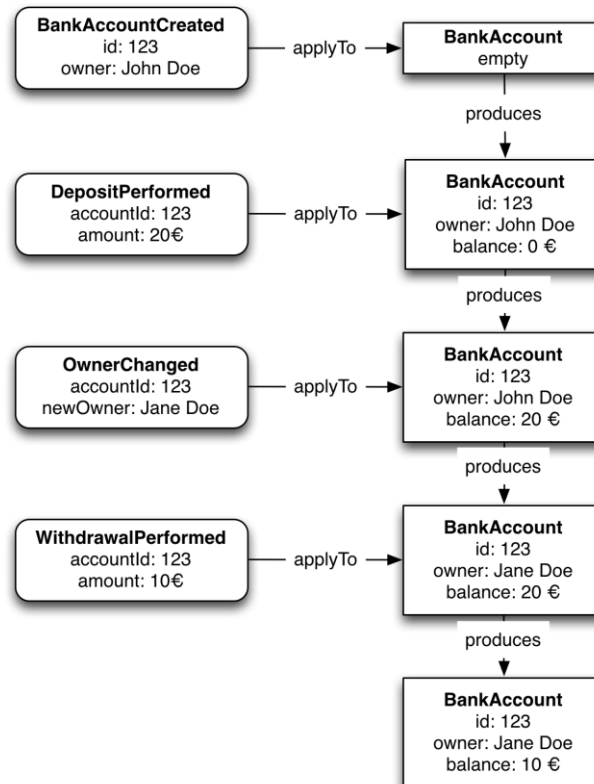
accountId: 123  
amount: 20€

**OwnerChanged**

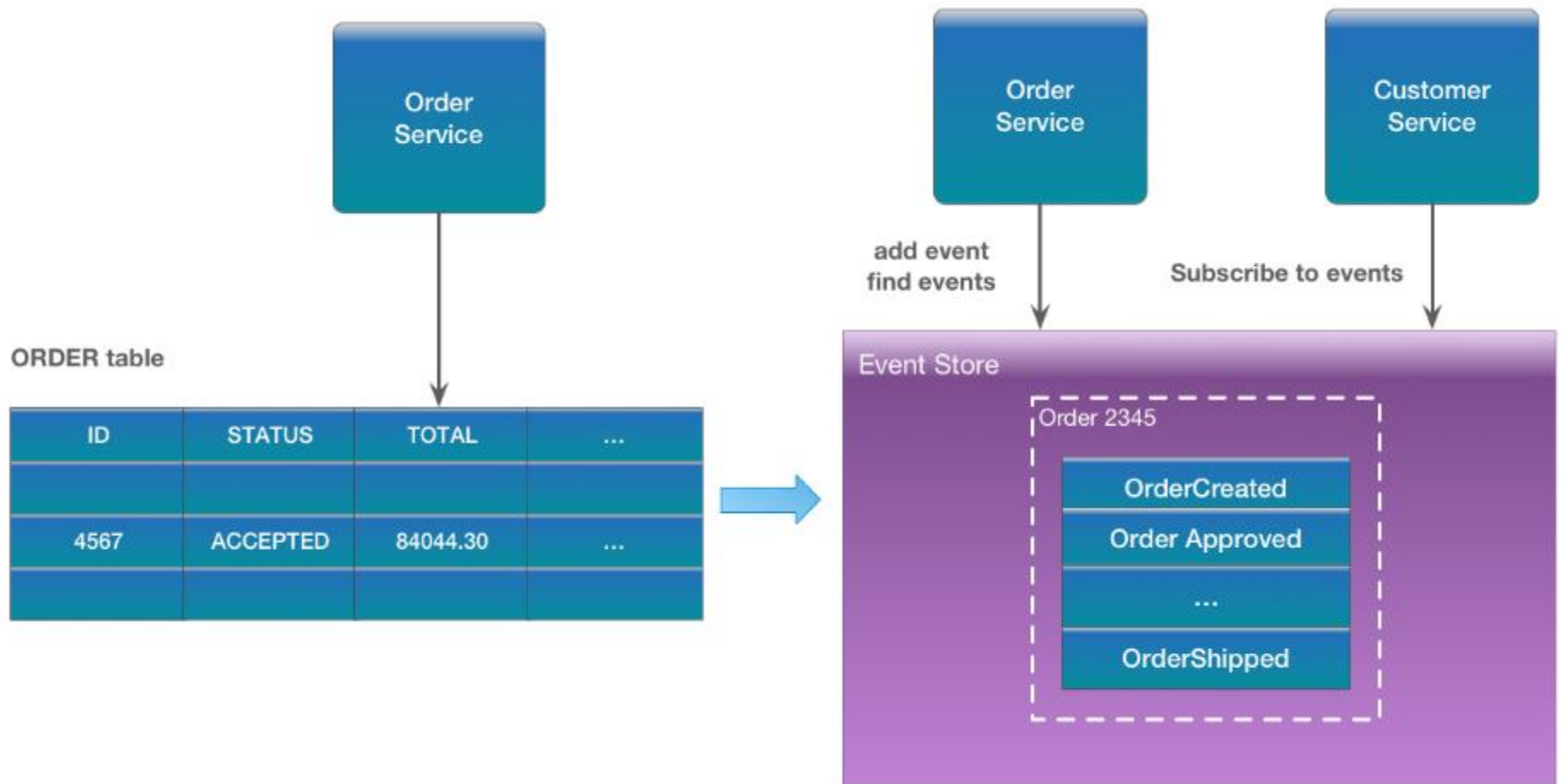
accountId: 123  
newOwner: Jane Doe

**WithdrawalPerformed**

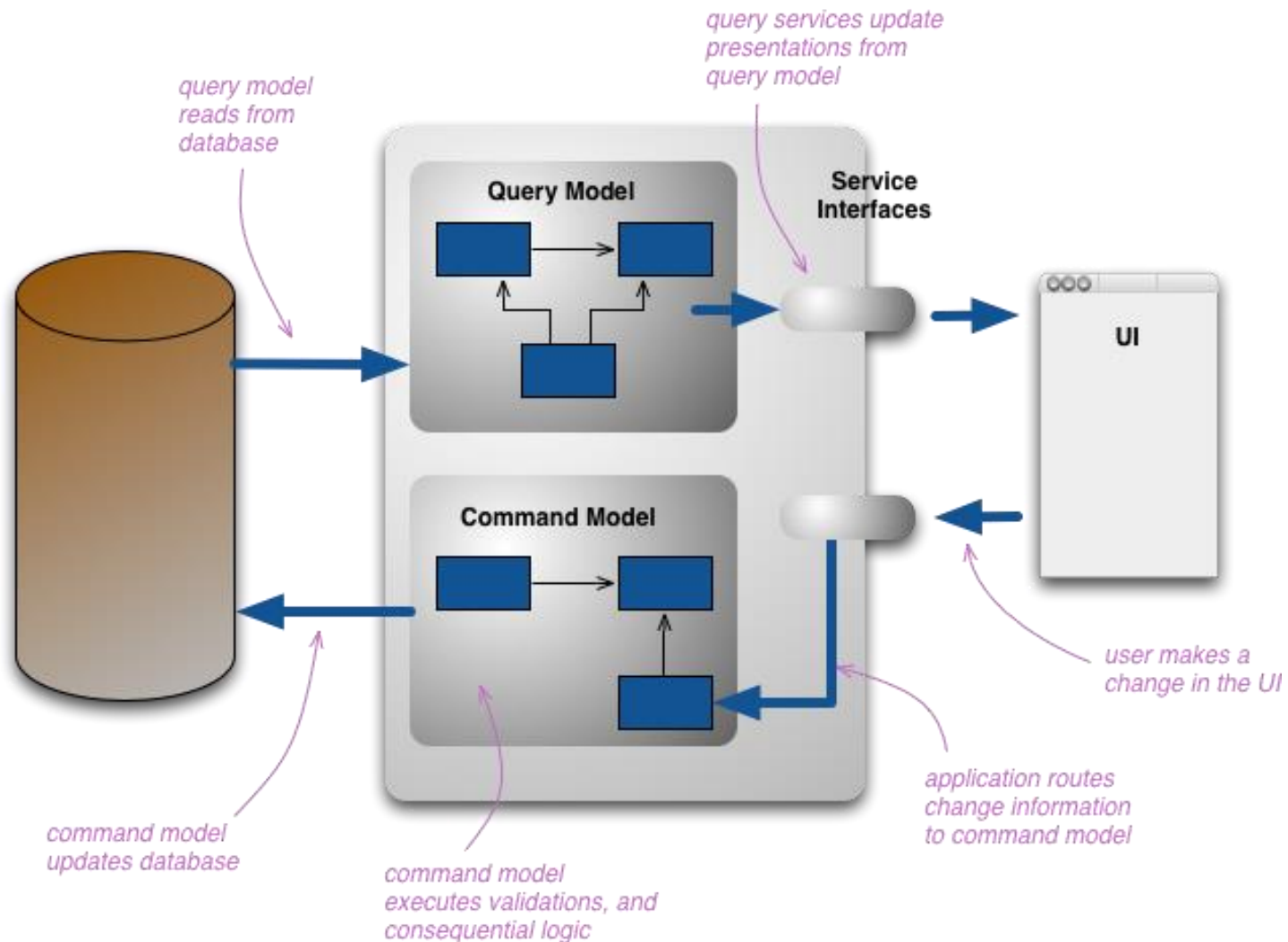
accountId: 123  
amount: 10€



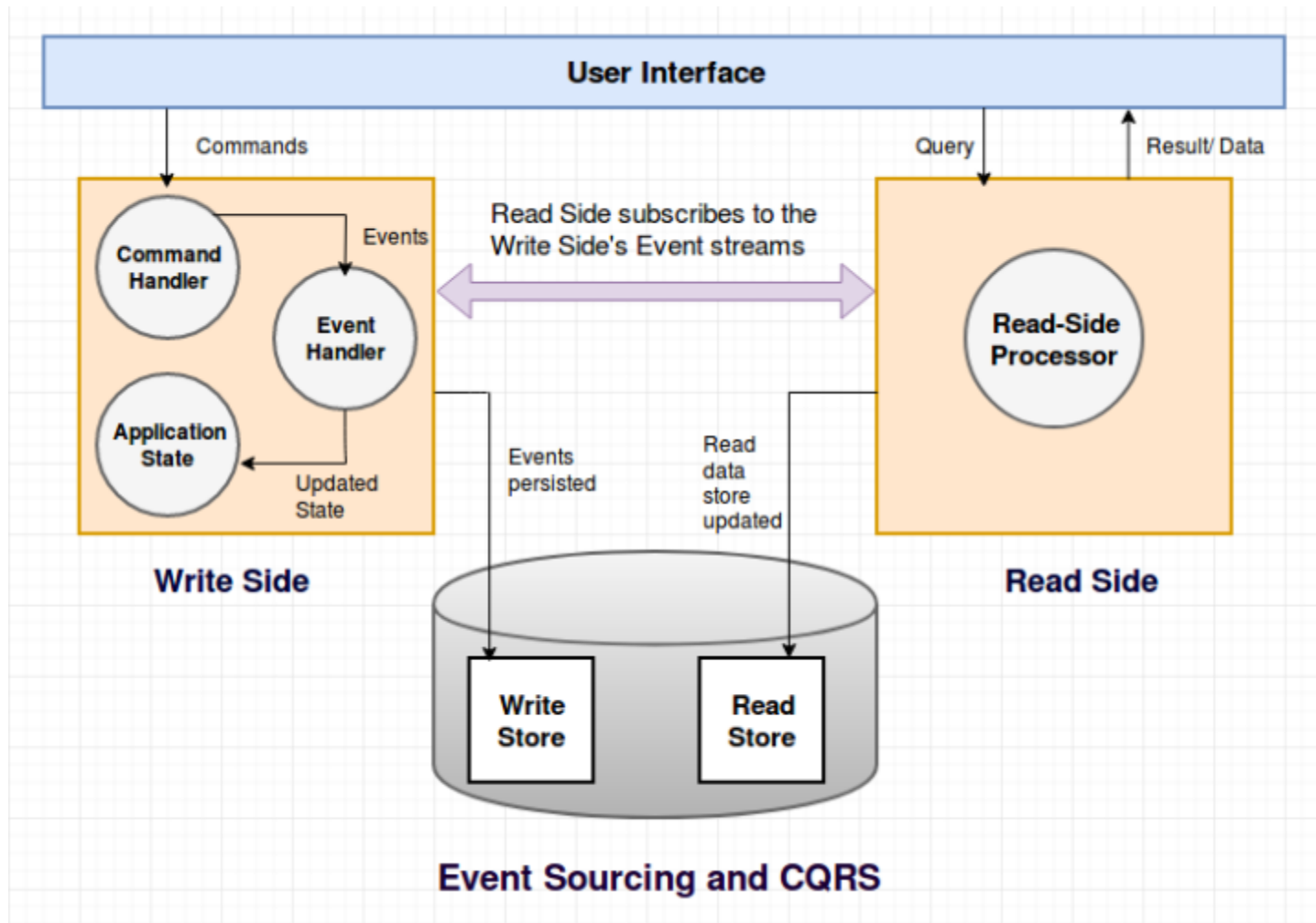
# Event Sourcing (ES)



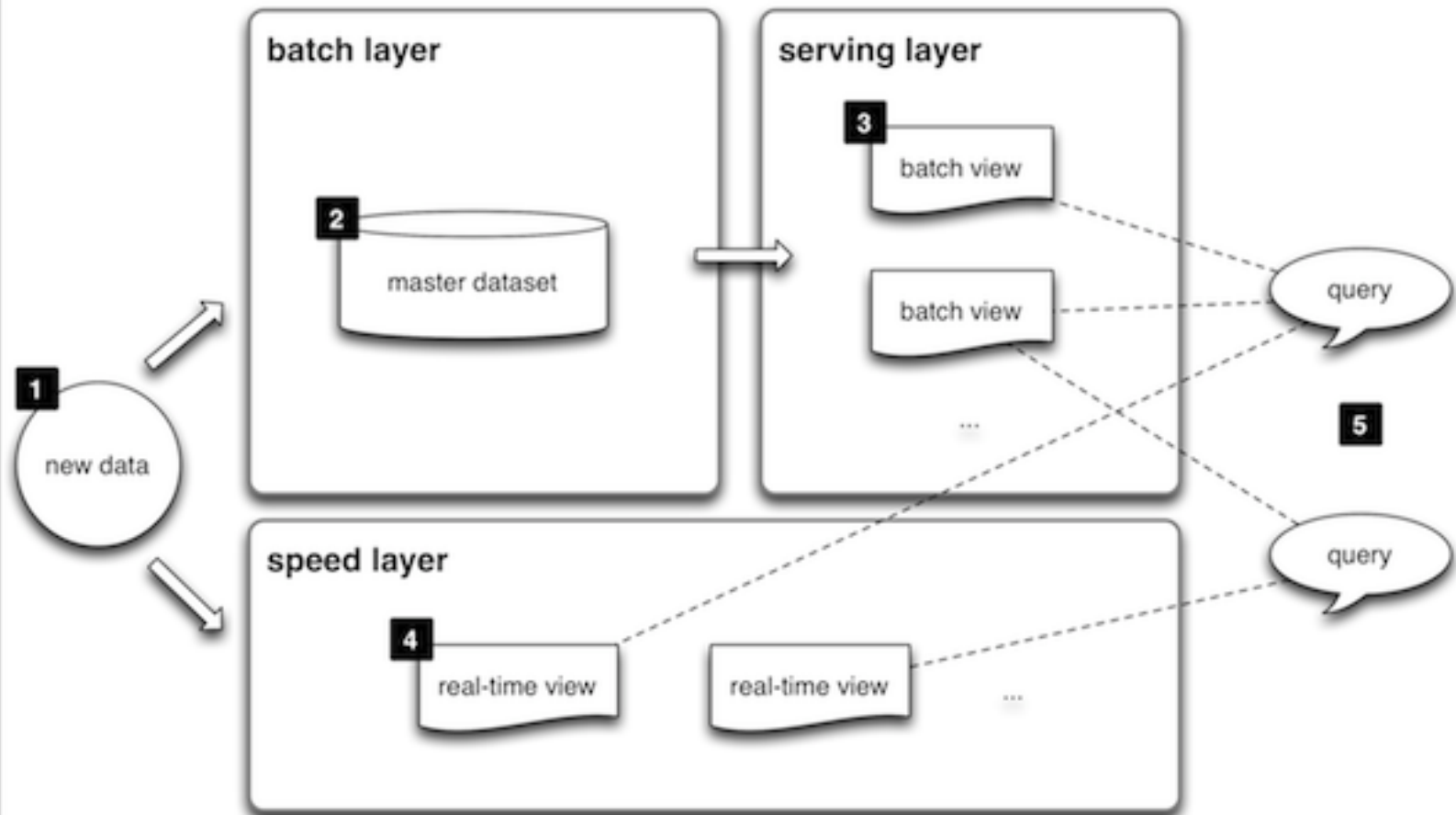
# Command Query Responsibility Segregation (CQRS)



# CQRS + ES

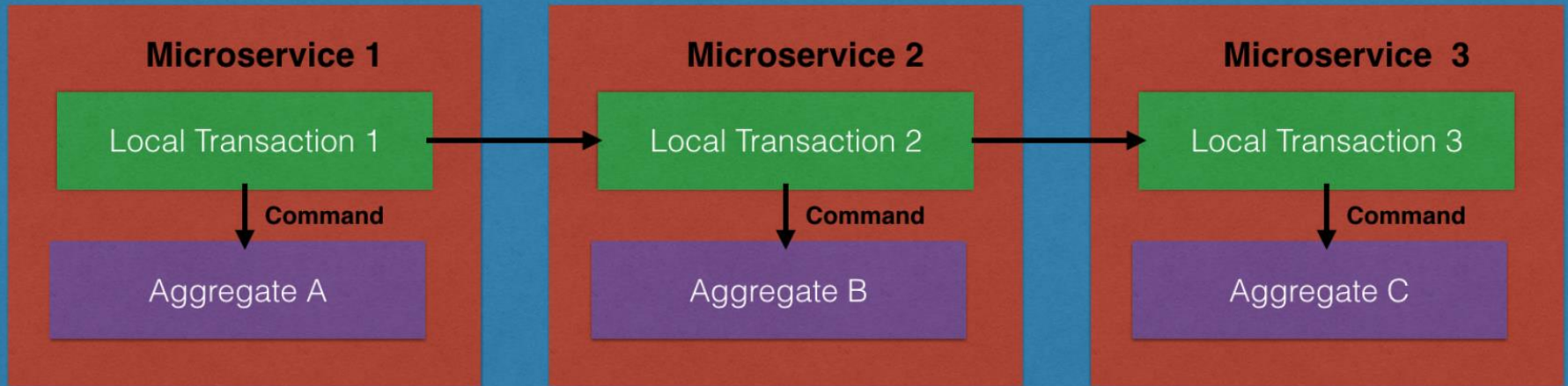


# Lambda Architecture



# SAGA Pattern

## Distributed Saga





# Architetture complesse Microservizi

