

The **My Account Balance API** is based on my previous project of Event Sourcing on GitHub called [ivanpaulovich/jambo](https://github.com/ivanpaulovich/jambo) (please checkout).

## Architectural Styles used

- CQRS
- Domain-Driven Design
- Aggregates + Event Sourcing
- Optimistic Concurrency

## Data

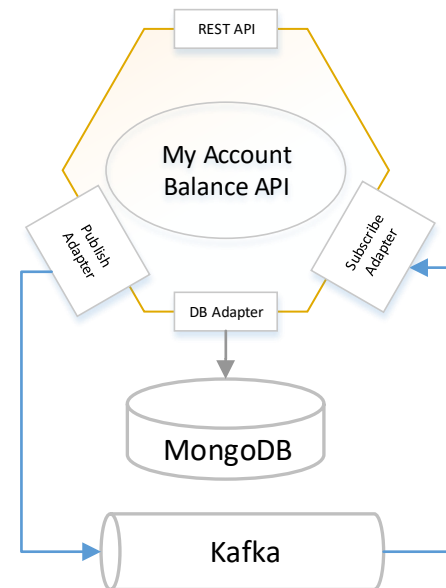
- Kafka stream as the source of true
- MongoDB as Event Stream projection
- Avoids Single Point of Failure
- Distributed Data

## Authentication

- Bearer Authentication

## Principles

- SOLID
- Microservices
  - Independent
  - Autonomous
  - Modelled around business Domain



**Application architecture** based on the IDDD (Chapter 4 of Vaughn Vernon) that explains Hexagonal Application Architecture and based on Events-Driven Architecture.

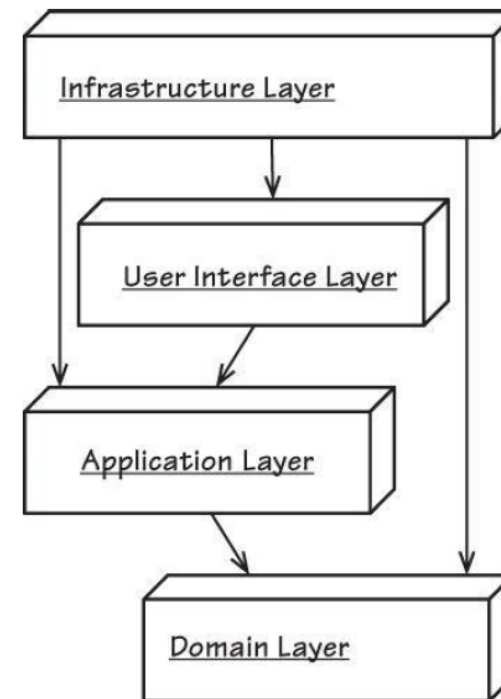


Figure 4.3. The possible Layers when the Dependency Inversion Principle is used. We move the Infrastructure Layer above all others, enabling it to implement interfaces for all Layers below.