



Event Materializer

A quick introduction.

Event Materializer



Is a library to keep memory buffer synchronize with external data sources

- Core abstractions are the following:

[DataLayer]

← [DataBuffer]

← [DataBuilder]

← [DataSource]

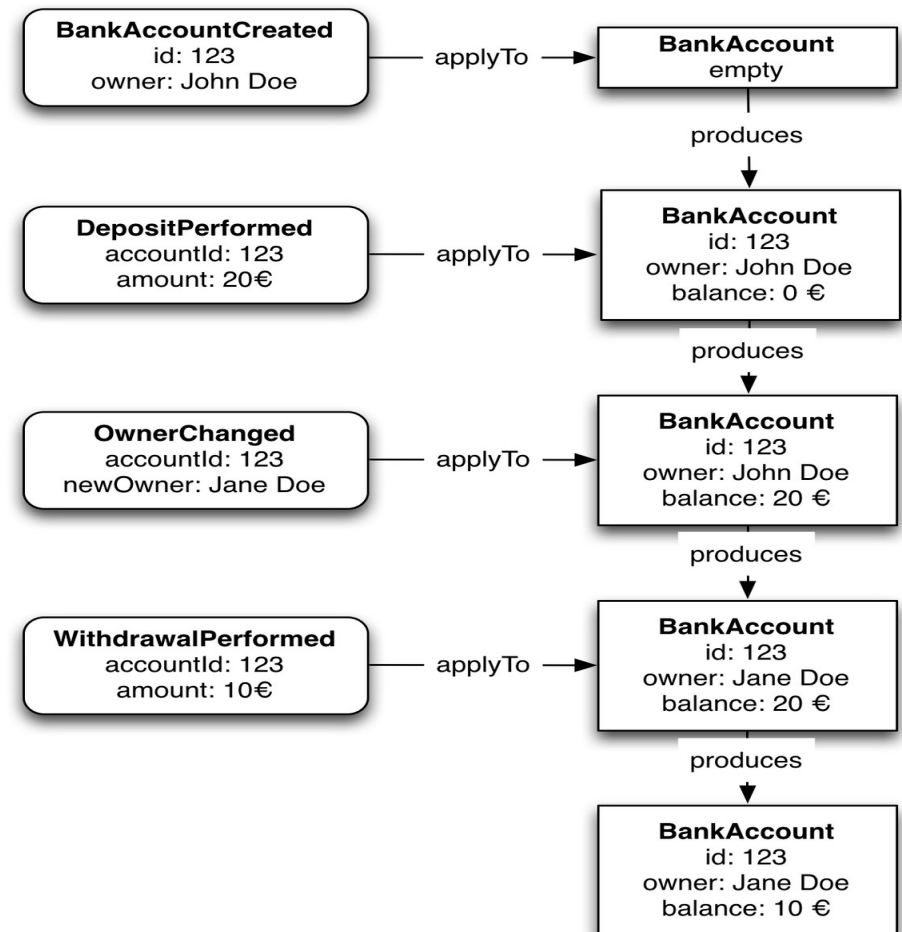
Event Materializer



- **DataBuffer** → class that holds the materialized data from the external datasource
- **DataLayer** → encapsulation over the **DataBuffer** to give a read-only(immutable) access to it.
- **DataBuilder** → class that is responsible for synchronizing the **DataBuffer** with external data providers / storage.

Event Materializer

- Is an event sourcing materialization mechanism.



Event Materializer



- Event Materializer Core, this library provides the core abstractions:
 - DataBuilder
 - DataBuffer
 - DataLayer
- Event Materializer Kafka, this library is a databuilder implementation using a Kafka consumer, for reading from kafka in a more convenient and optimal way.

Event Materializer

Demo time



Thank you!

