



Erwin de Gier - Charlotte Hibert
Trifork Amsterdam

CQRS and Event Sourcing with Spring WebFlux



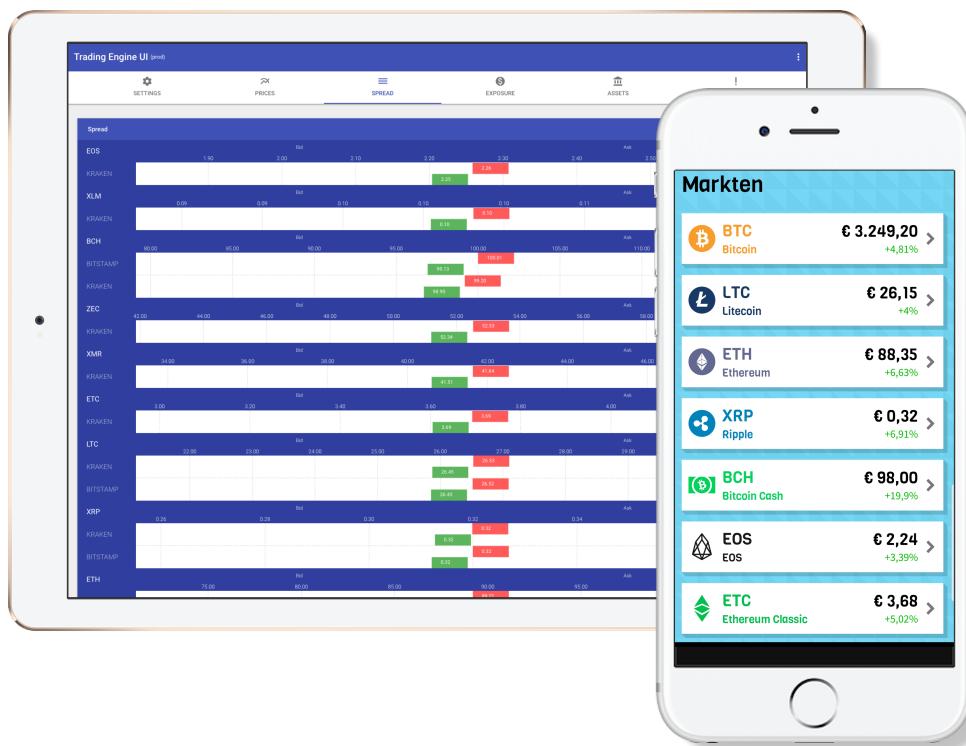
@erwindeg
@charlotte_hib



github.com/erwindeg/event-driven-examples

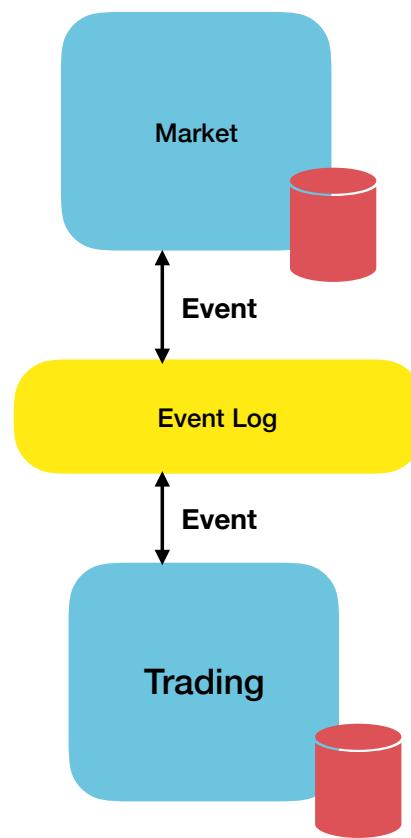
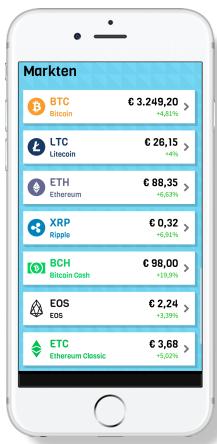


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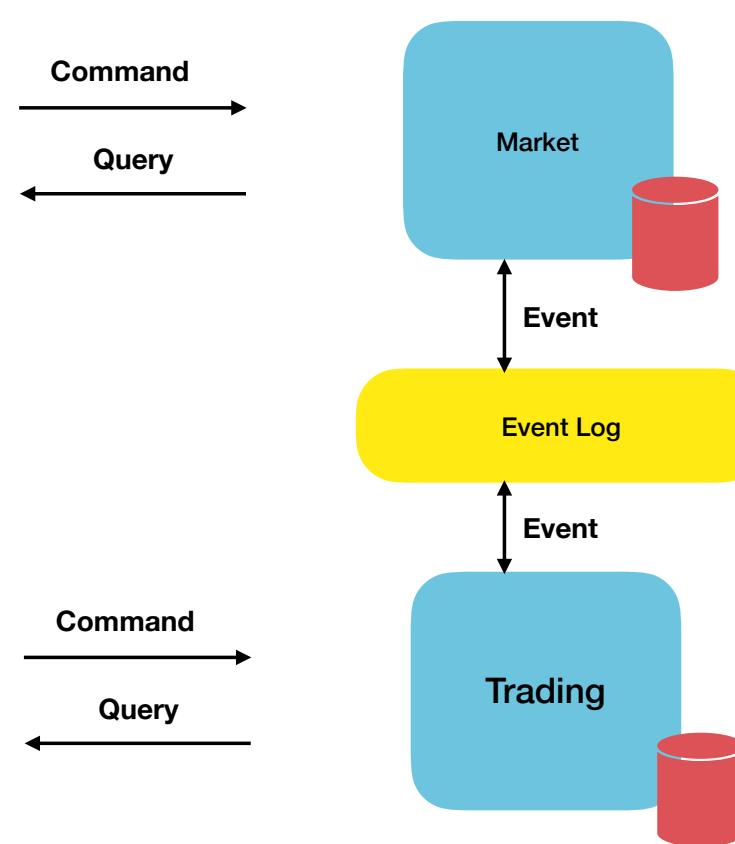
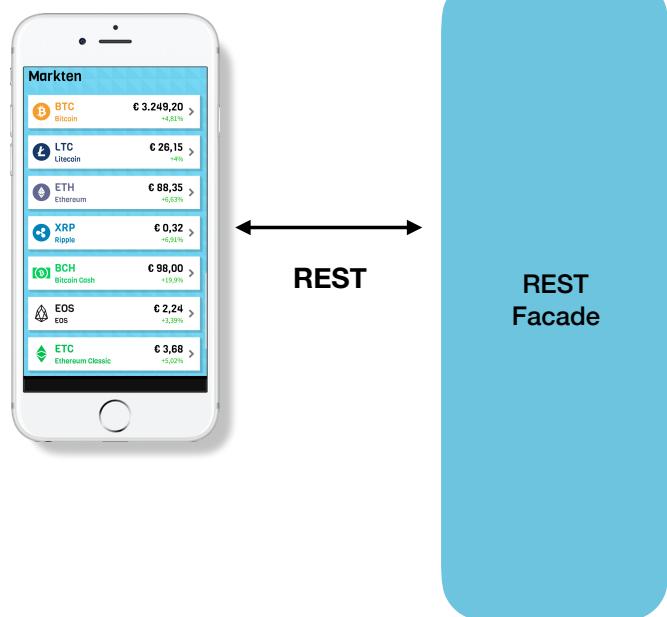
Architecture

Reactive Programming

ES/CQRS

Workshop

Evaluation



Architecture

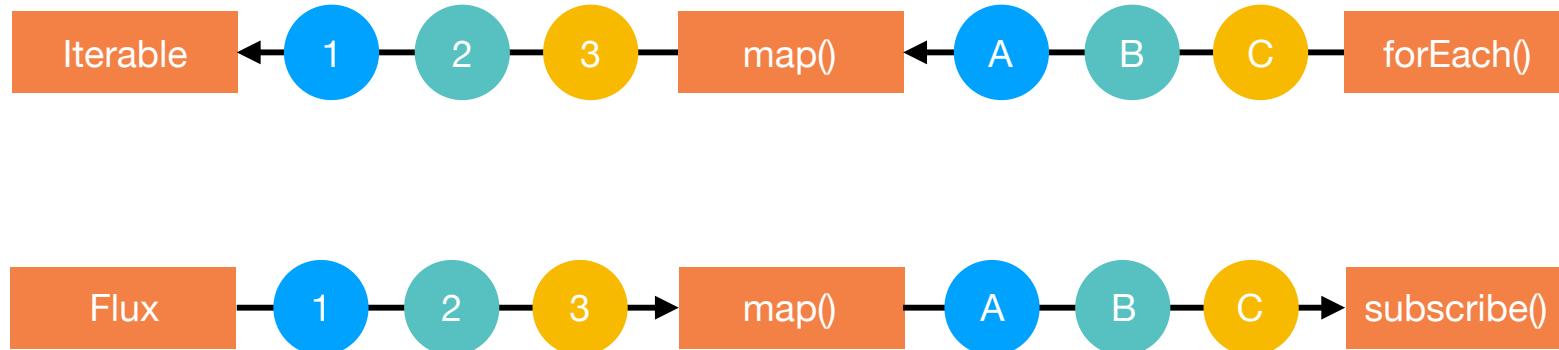
Reactive Programming

ES/CQRS

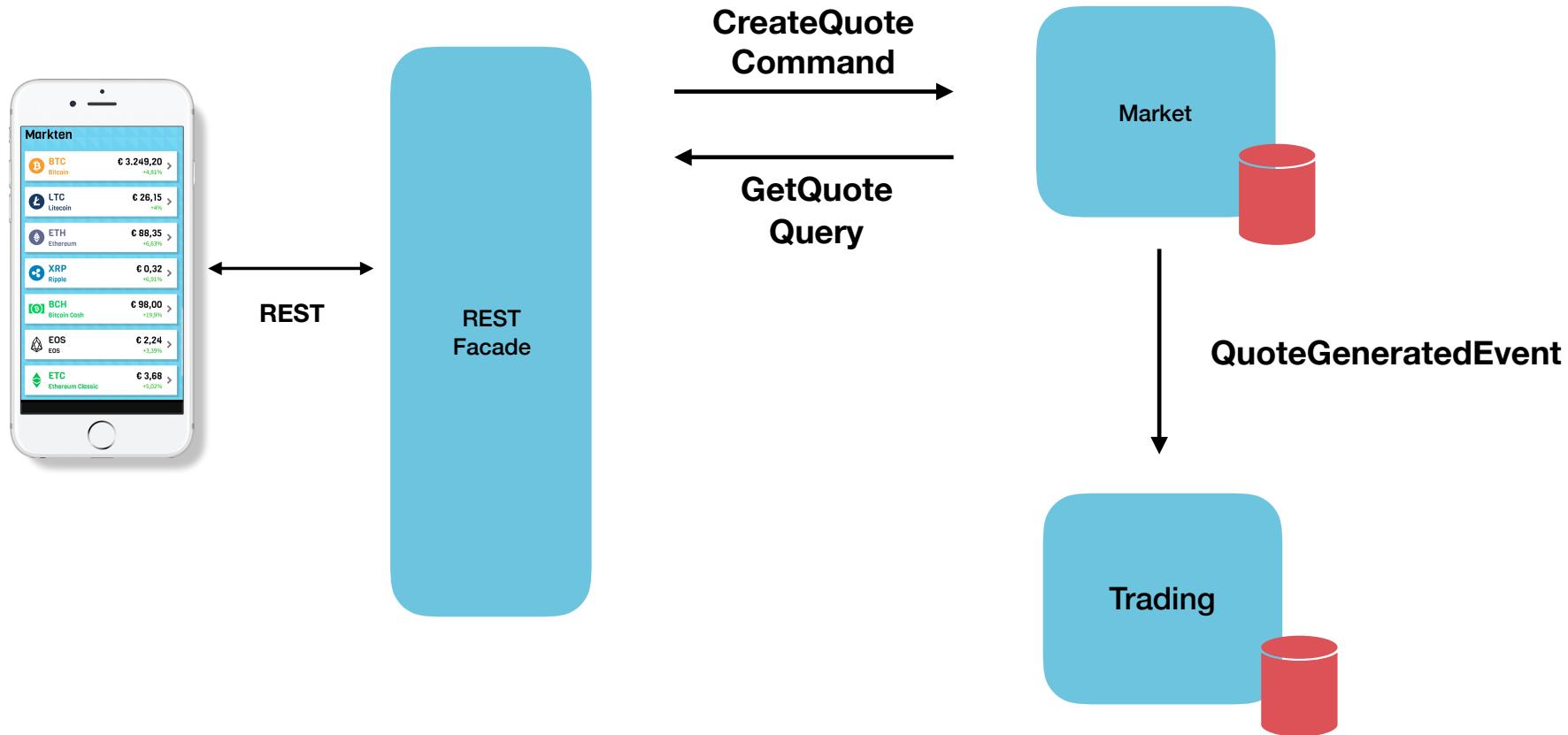
Workshop

Evaluation

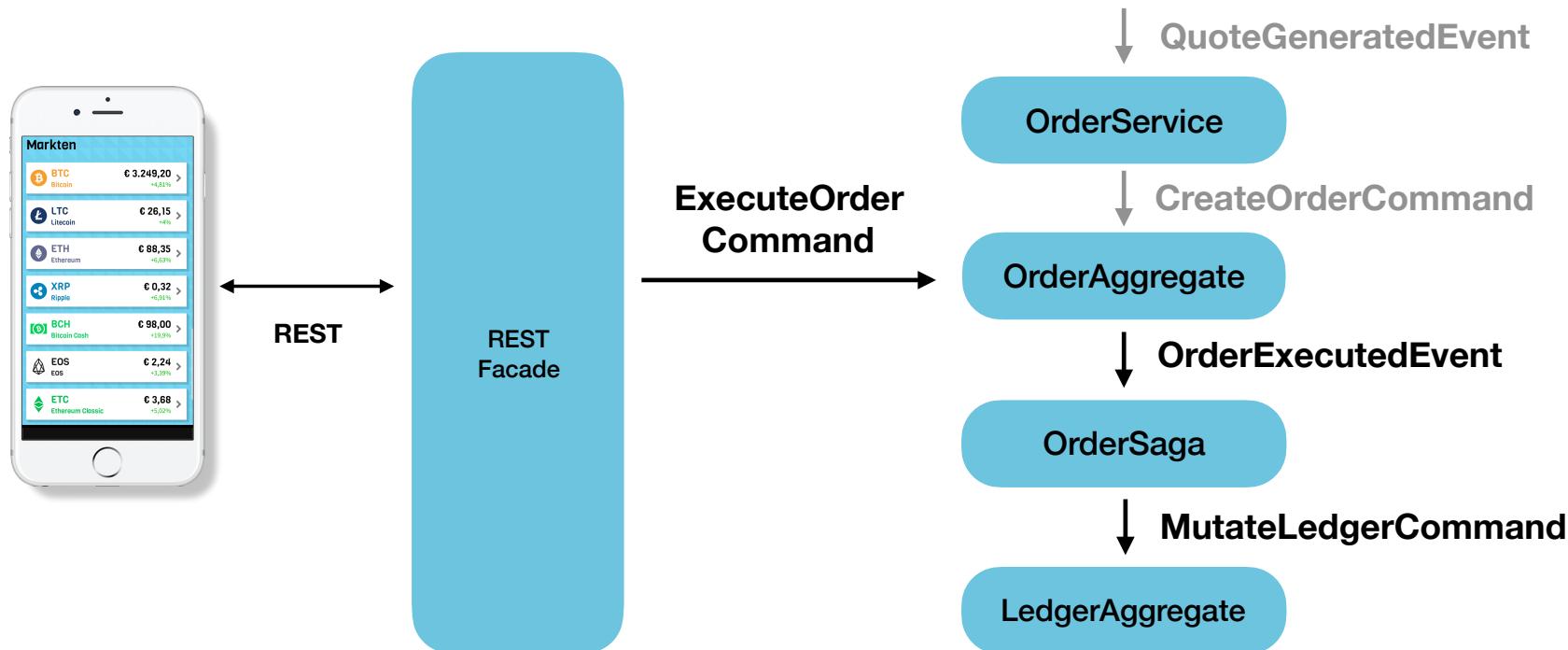
Reactive Programming



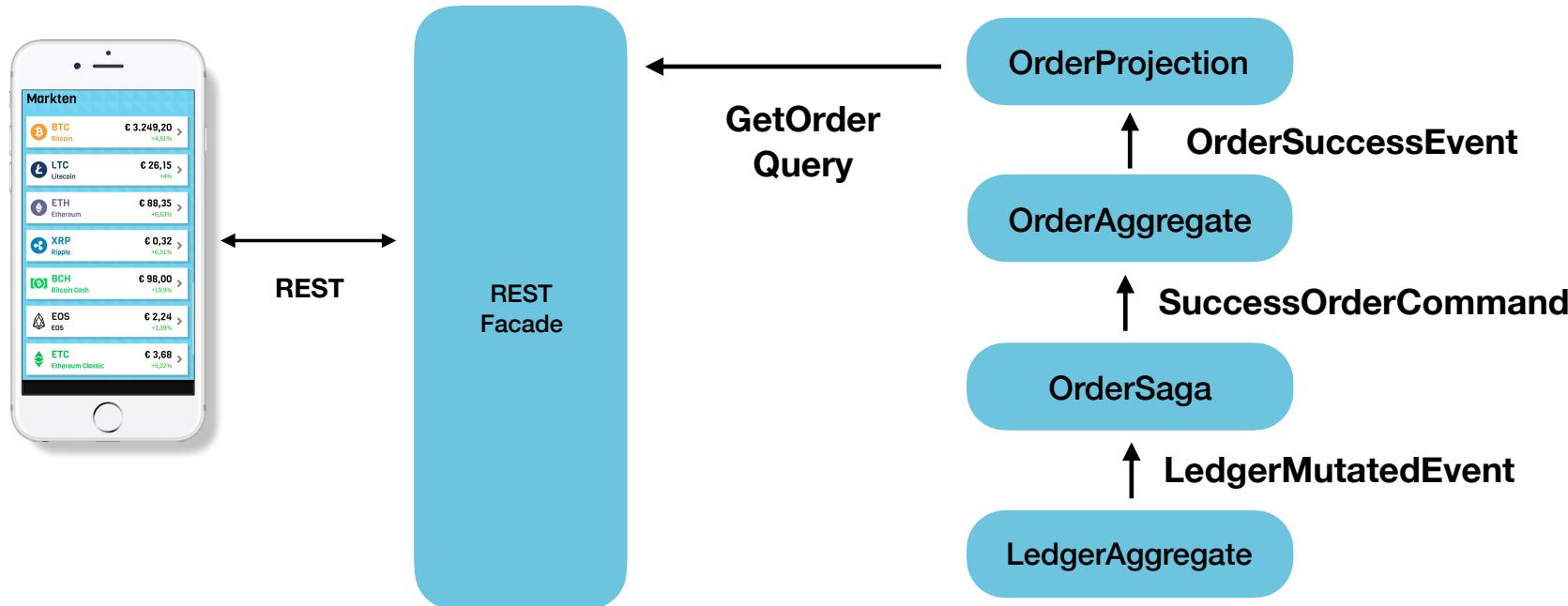
Event Sourcing & CQRS



Event Sourcing & CQRS



Event Sourcing & CQRS



Demo

Architecture

Reactive Programming

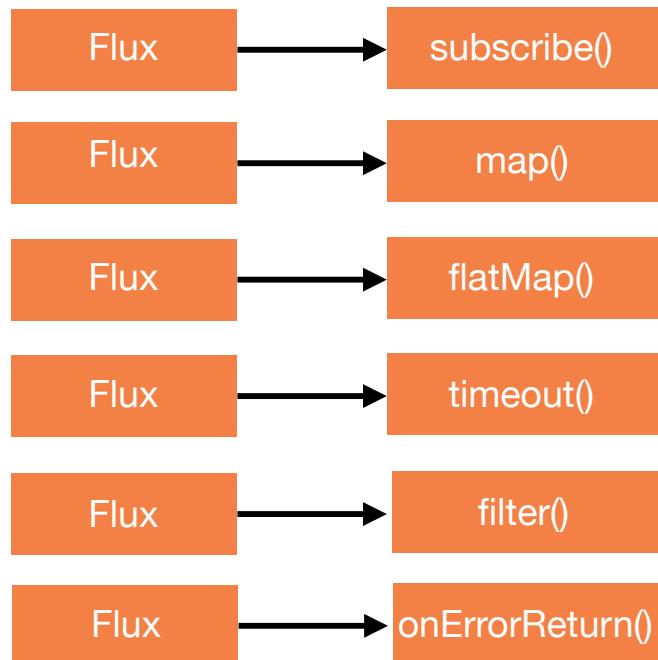
ES/CQRS

Workshop

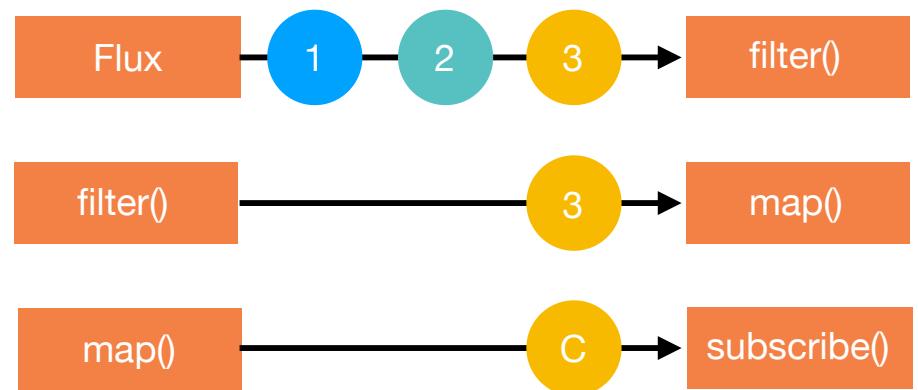
Evaluation

Workshop

Part 1



Part 2



Workshop - Part 1

Mono

Source of 0 or 1 items

Flux

Source of 0 or N items

subscribe()

Active reactive chain en create a subscription

map()

Transform using a synchronous function

flatMap()

Transform using an asynchronous function

timeout()

Throw error if item doesn't arrive in time

filter()

Only allows items which match predicate to pass

onErrorReturn()

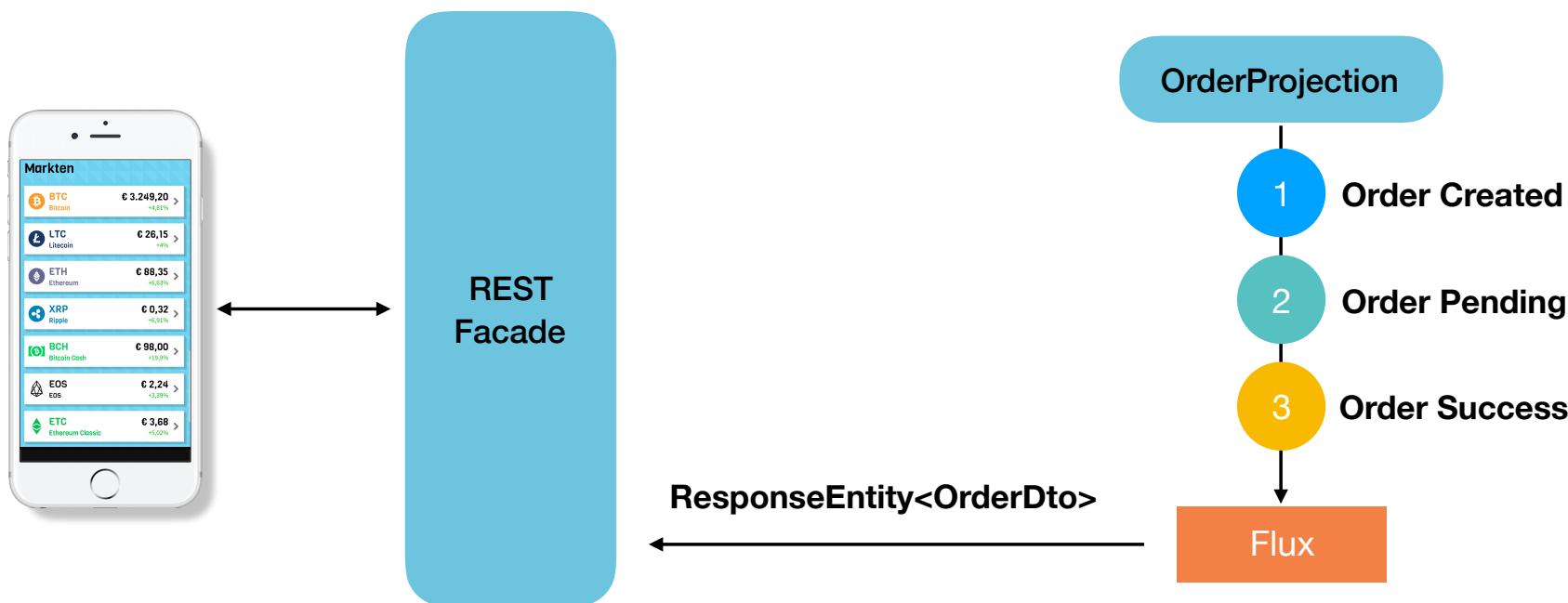
Return a value on Exception

Workshop

trifork-workspace.slack.com

github.com/erwindeg/eventdriven-examples

Workshop - Part 2



Evaluation

Architecture

Reactive Programming

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Workshop

Evaluation