Service Blueprint w/ Tech Stack

Command Side

Query Side

Web Mobile API IoT

Web **Mobile** **API** **IoT**

Actor

UI from JSON / BSON

MS Excel

Actor

UI from JSON / BSON

MS Excel

Terndermint

❌

BFT

Projection / Business Service

Clojure Script / KTor / Vertx

REST CONTROLLER

CS / KTor / Vertx

REST CONTROLLER

Other Projections / Business Services

JSON / BSON

CS / KTor / Vertx

REST CONTROLLER

Dart / Java / Kotlin / JavaScript

Command

IMQ / RB Command Bus

ReApply

Projection / Business Logic

Aggregate

Command Handler

Entity

Entity

Entity

Events

Dart / Java / Kotlin / JavaScript

Aggregate

Command Handler

IMQ / RB Command Bus

Command

Events

Events

Dart / Java / Kotlin / JavaScript

Query Service

Query Subscriber Query Controller

Dart / Java / Kotlin / JavaScript

Replay Service / Time Machine

Read

Events

Events

Events

NATS / Kafka Streams -->> ArrangoDB / Rethink DB

Event Bus

Subscribe / Read

ArrangoDB / Rethink DB

Event Store / Sink

Events / Snapshots

Event Handler

Event Handler n...

Dart / Java / Kotlin / JavaScript

Terndermint

❌

BFT

Subscribe / Read

Read Only View

Save / Update View

Save / Update View

JSON / BSON

NATS / Kafka Streams -->> ArrangoDB / Rethink DB

Subscription Topics / Sinks

VIEW /PROJECTIONS/ DATA GRAPH / DISTRIBUTED LEDGER

ArrangoDB / Rethink DB / BigChain DB

VIEW

Document n ...

Document 2

Document 1

--

--

Devrim Aksakal / Q2 2016