IF YOU WANT TO GO FAR, GO TOGETHER!
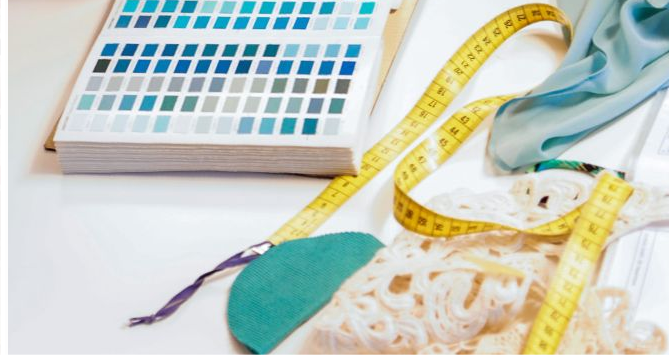
Zalando Kafka Meetup

NAKADI EVENT BROKER

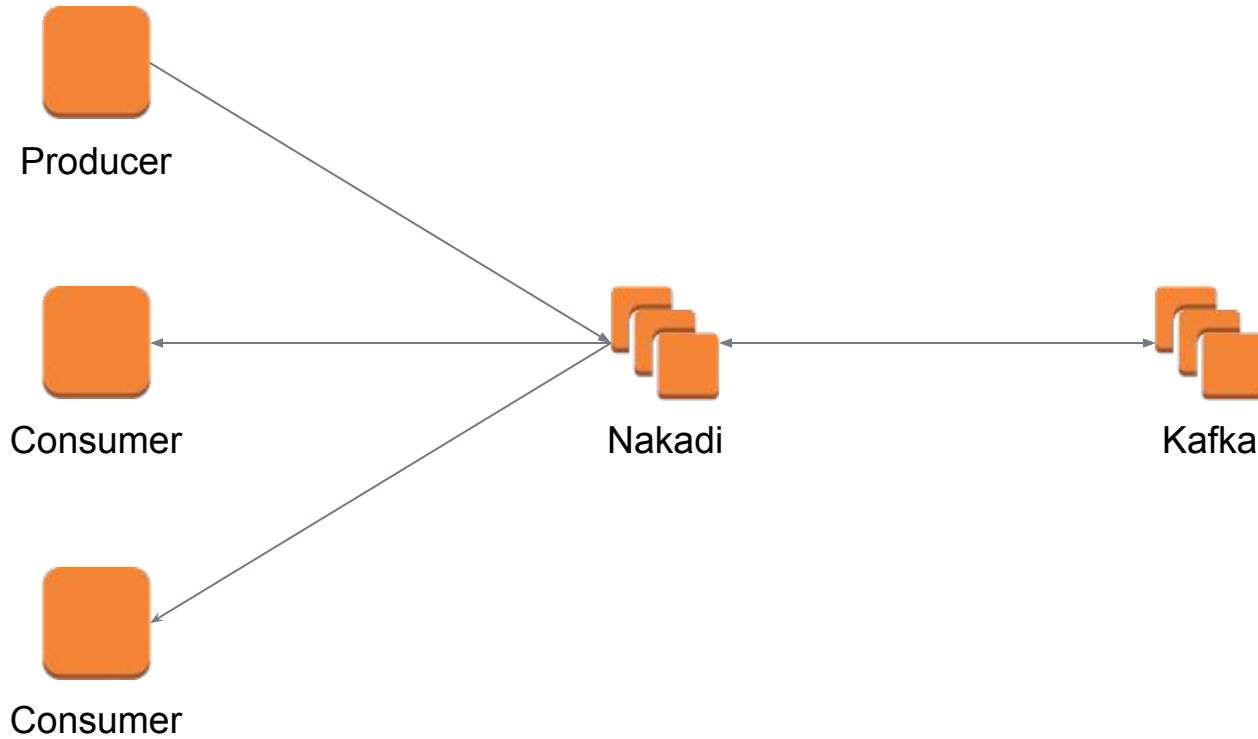LIONEL MONTRIEUX, DMITRY SOROKIN

11-04-2018

A RESTful API on top of Kafka-like queues

Nakadi
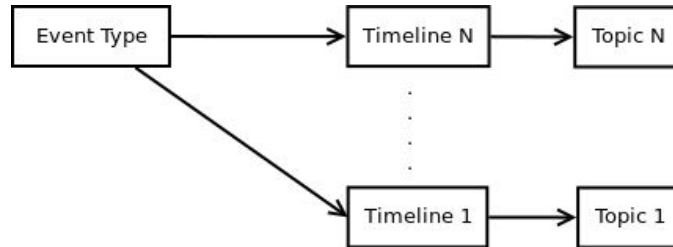

Producer

Consumer

Consumer

Nakadi

Kafka

zalando

Pros
- Unified interface for data (http)
- Injection point for data lake(s)
- Dedicated place for managing event type schemas
- Metrics exposure
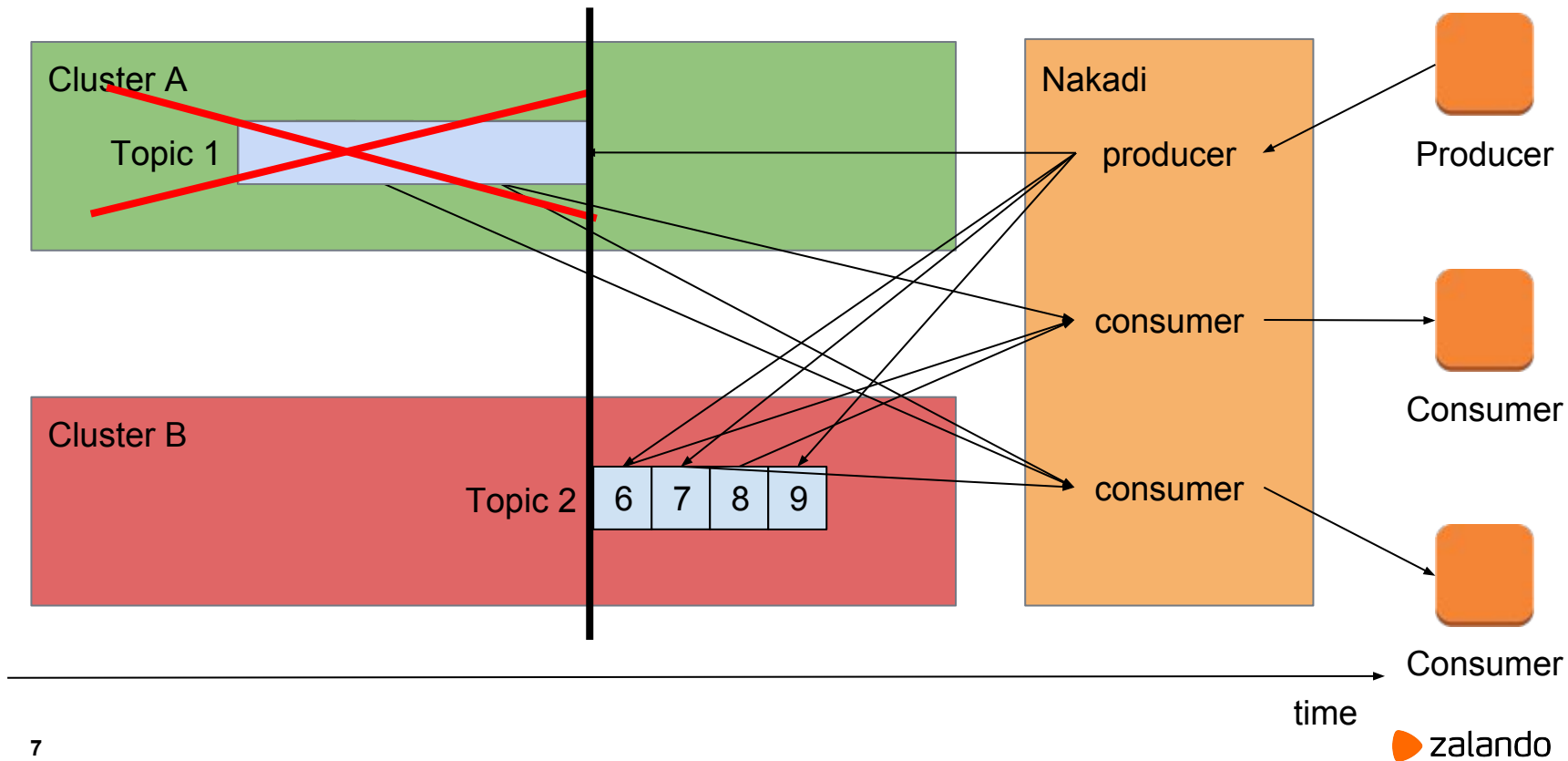- Dedicated people for managing kafka (or something else)

Cons
- Amount of event types is increasing
- Event type schemas should be updatable with forward/backward guarantees
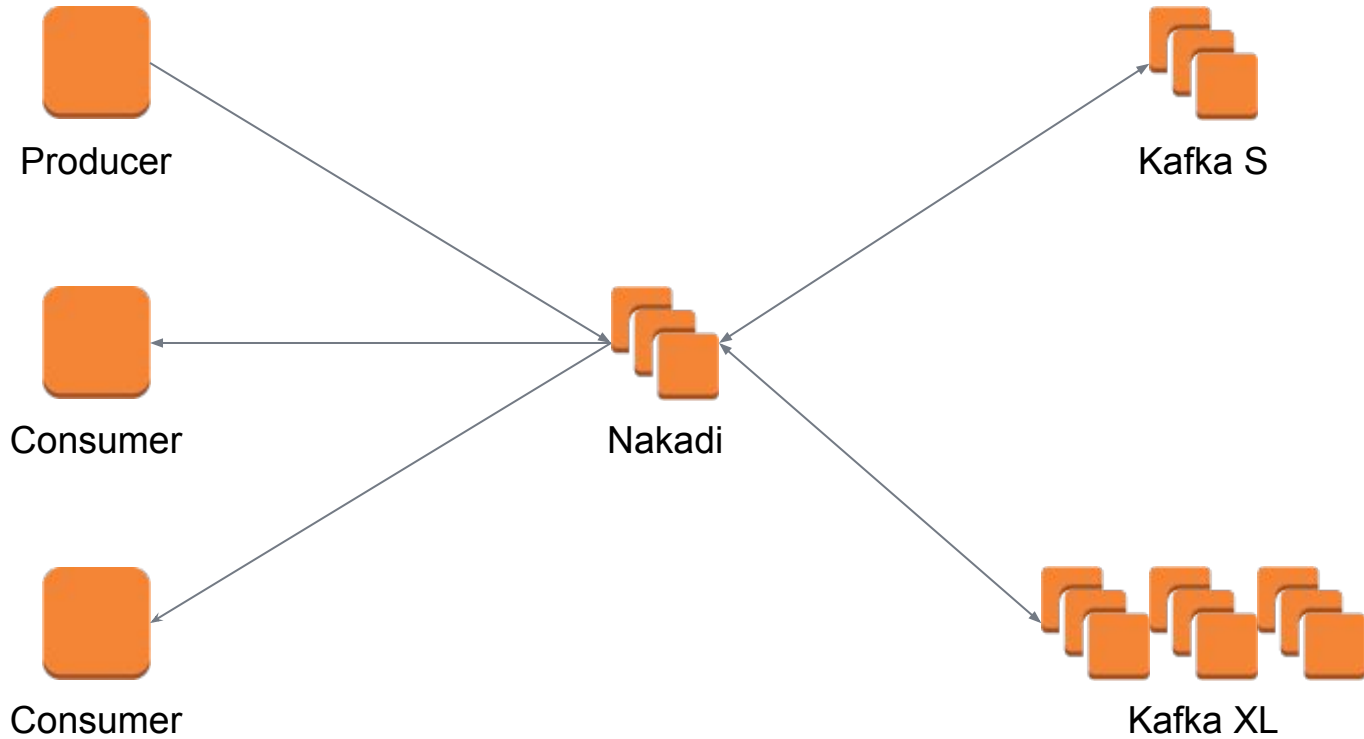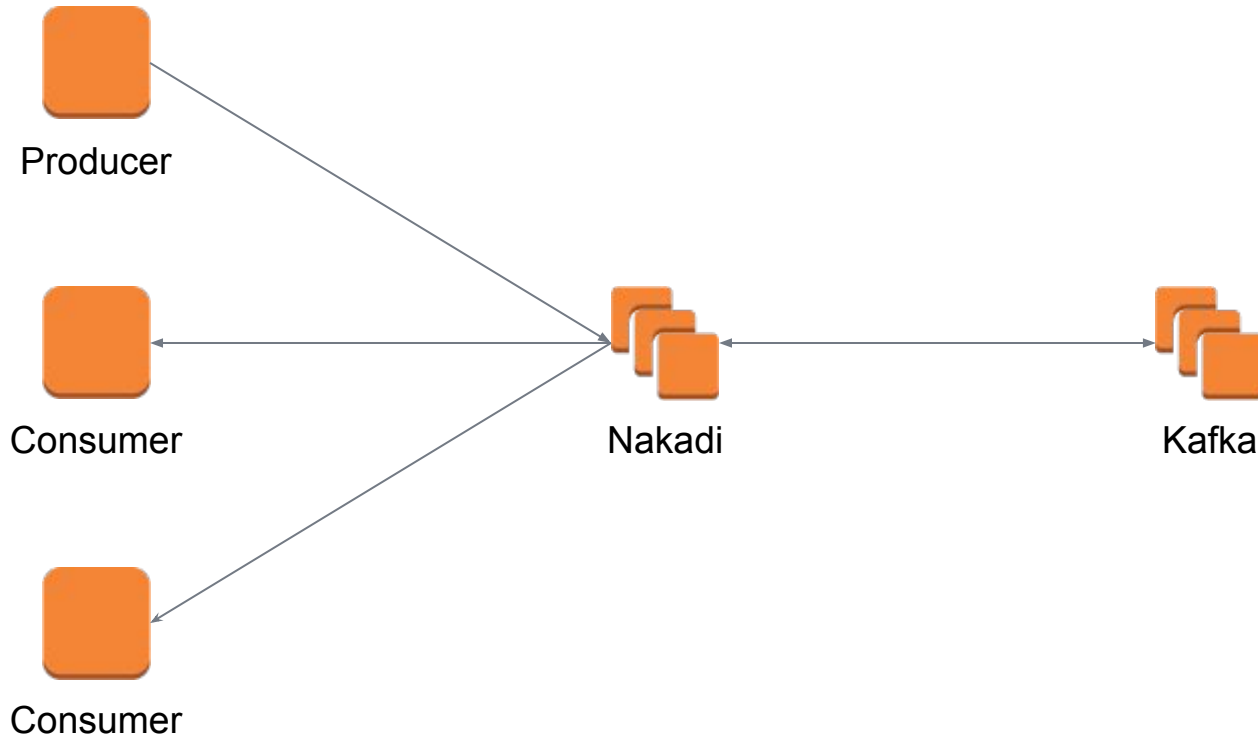- **Scaling**

Timelines

Timelines - Move to a New Cluster

zalando

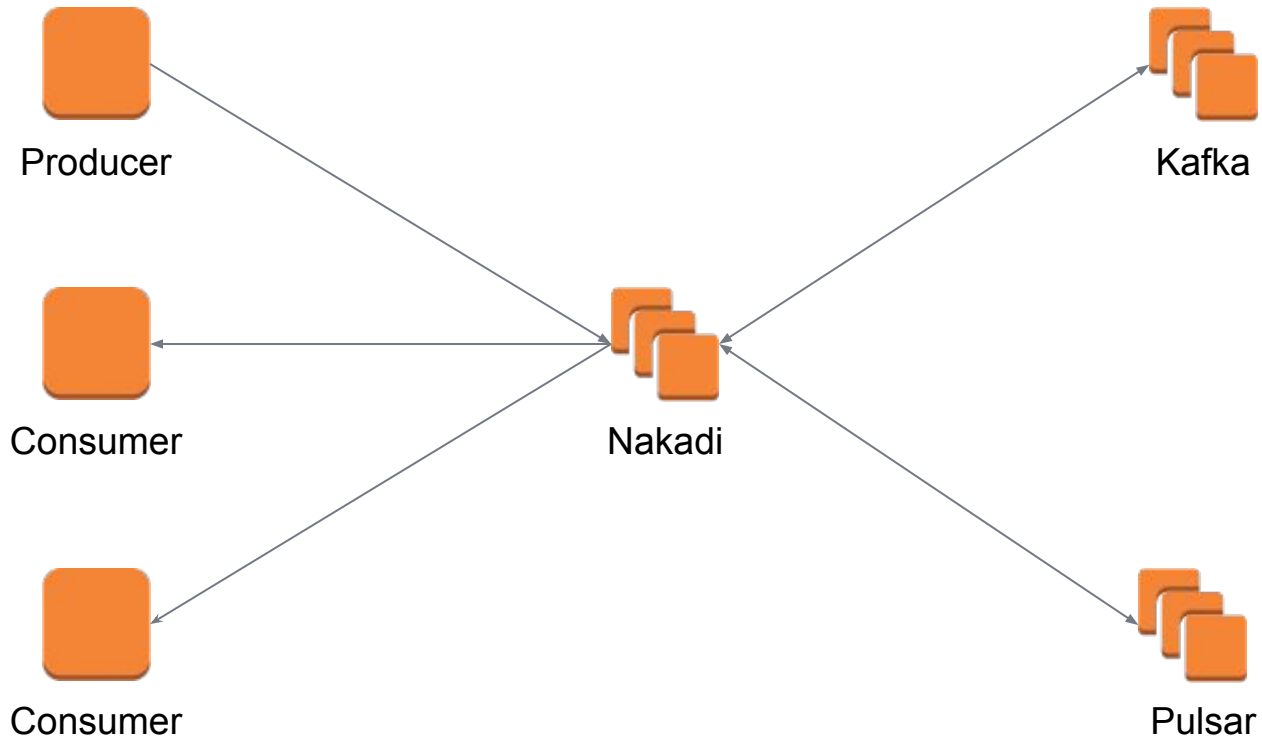# Timelines - Expand / Shrink Cluster

Producer

Consumer

Consumer

Nakadi

Kafka S

Kafka XL

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Timelines - Repartition

Producer

Consumer

Nakadi

Kafka

Consumer

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Timelines - It's not Just Kafka

Producer

Consumer

Consumer

Nakadi

Kafka

Pulsar

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http://nakadi.io

https://github.com/zalando-nakadi/

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Thank you

We look forward to your Pull Requests!

Nakadi: http://nakadi.io

<lionel.montrieux@zalando.de>
with small contribution from
<dmitriy.sorokin@zalando.de>