

Hassane Moustapha

Whoami

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BANK OF AFRICA GROUP

https://goscreencasts.io

Twitter: @_hkairi



Agenda

- From monolith to micro-services
- From API to Message Broker
- Anatomy of Kafka (What, Why & How)
- Zookeeper
- Kafka use cases

My Internet Banking



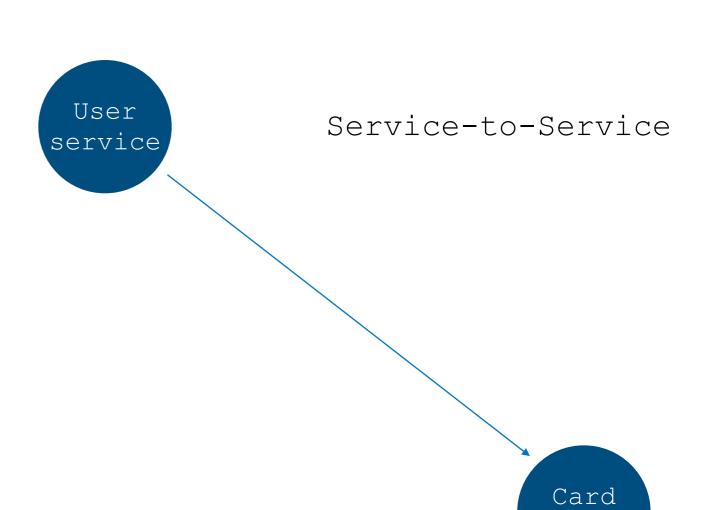












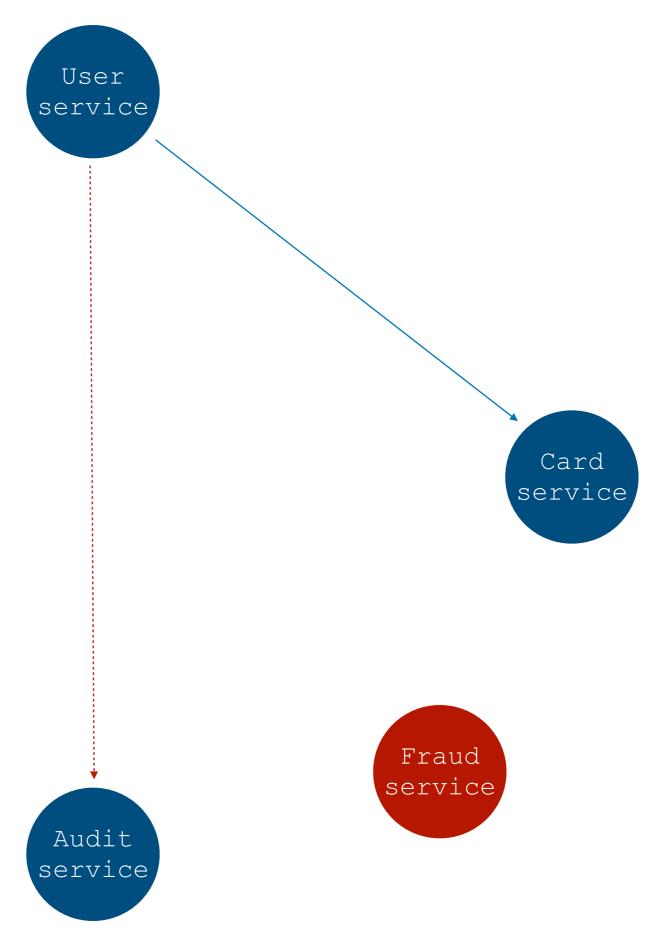






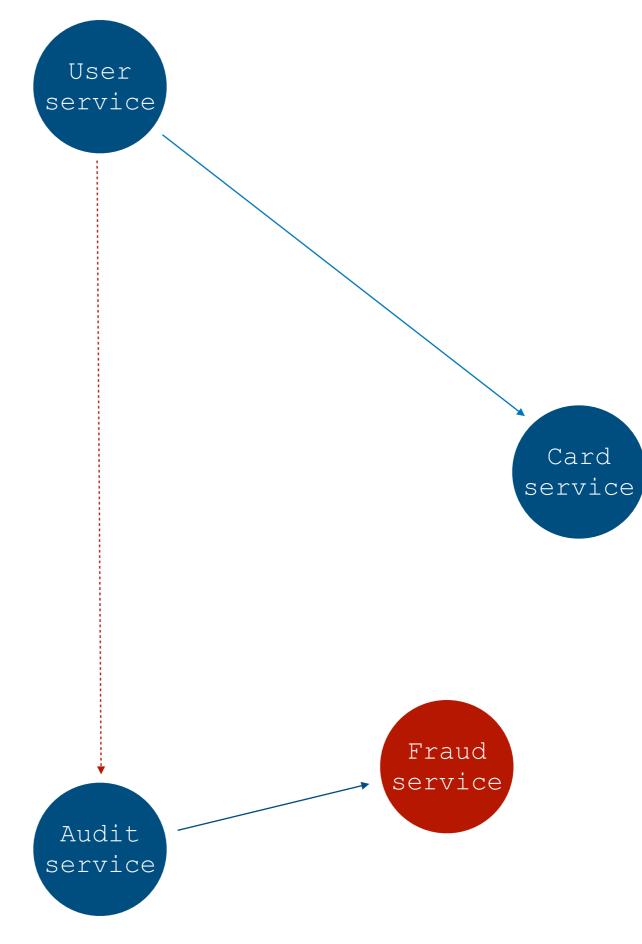


service



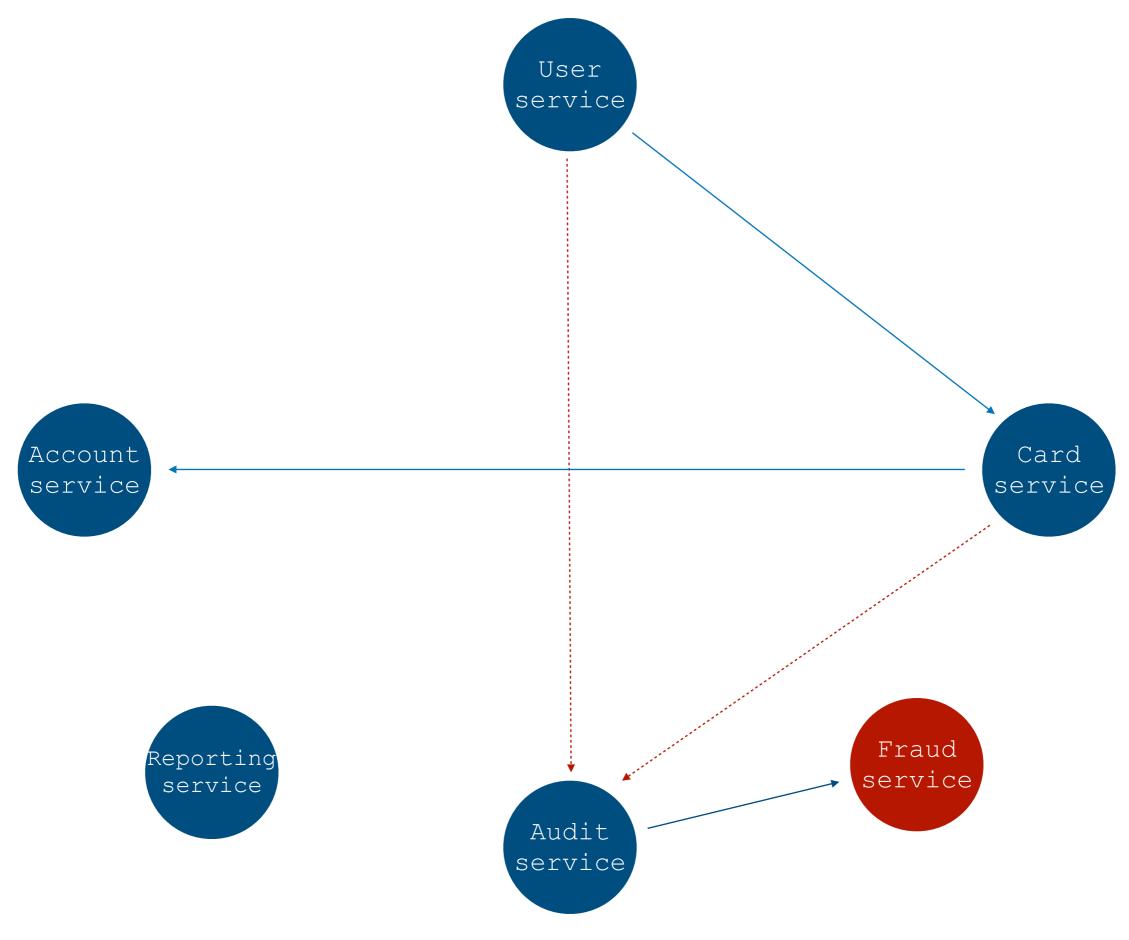


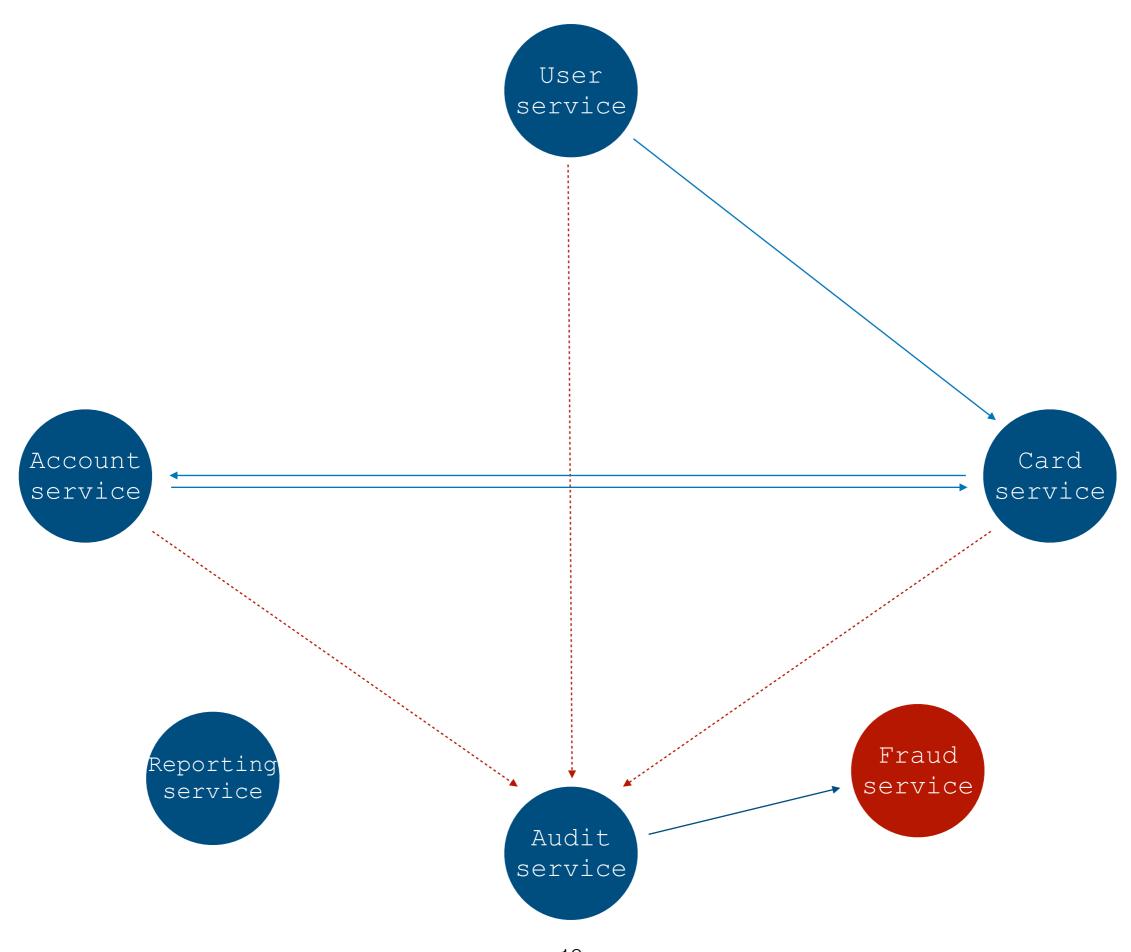


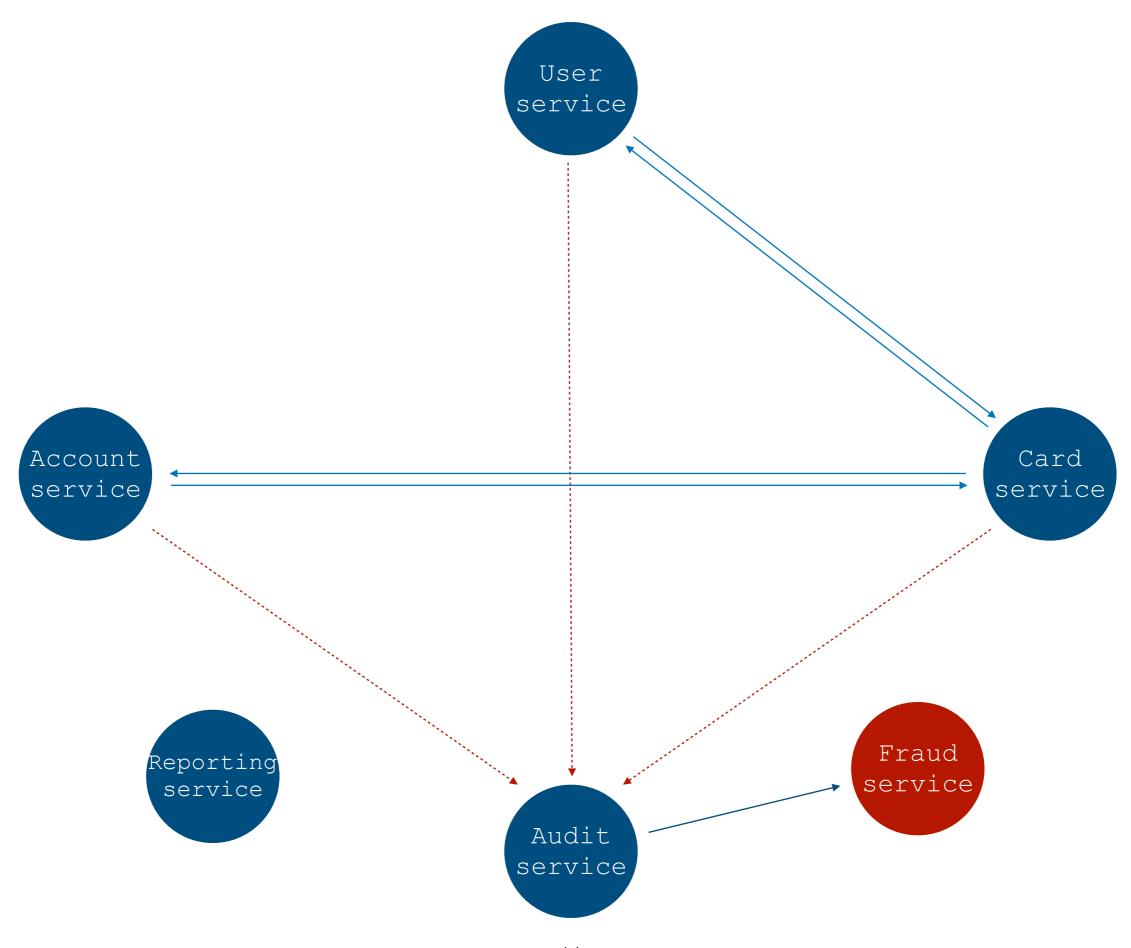


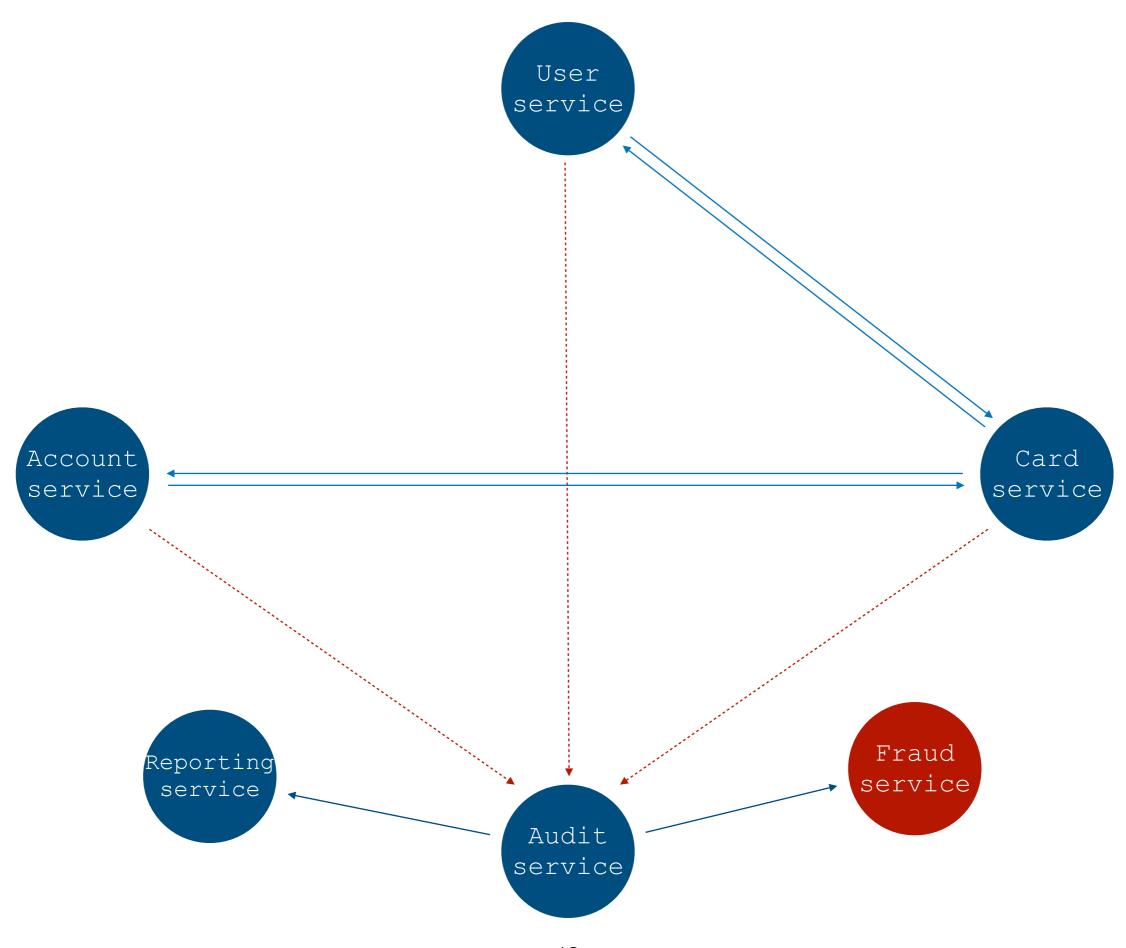


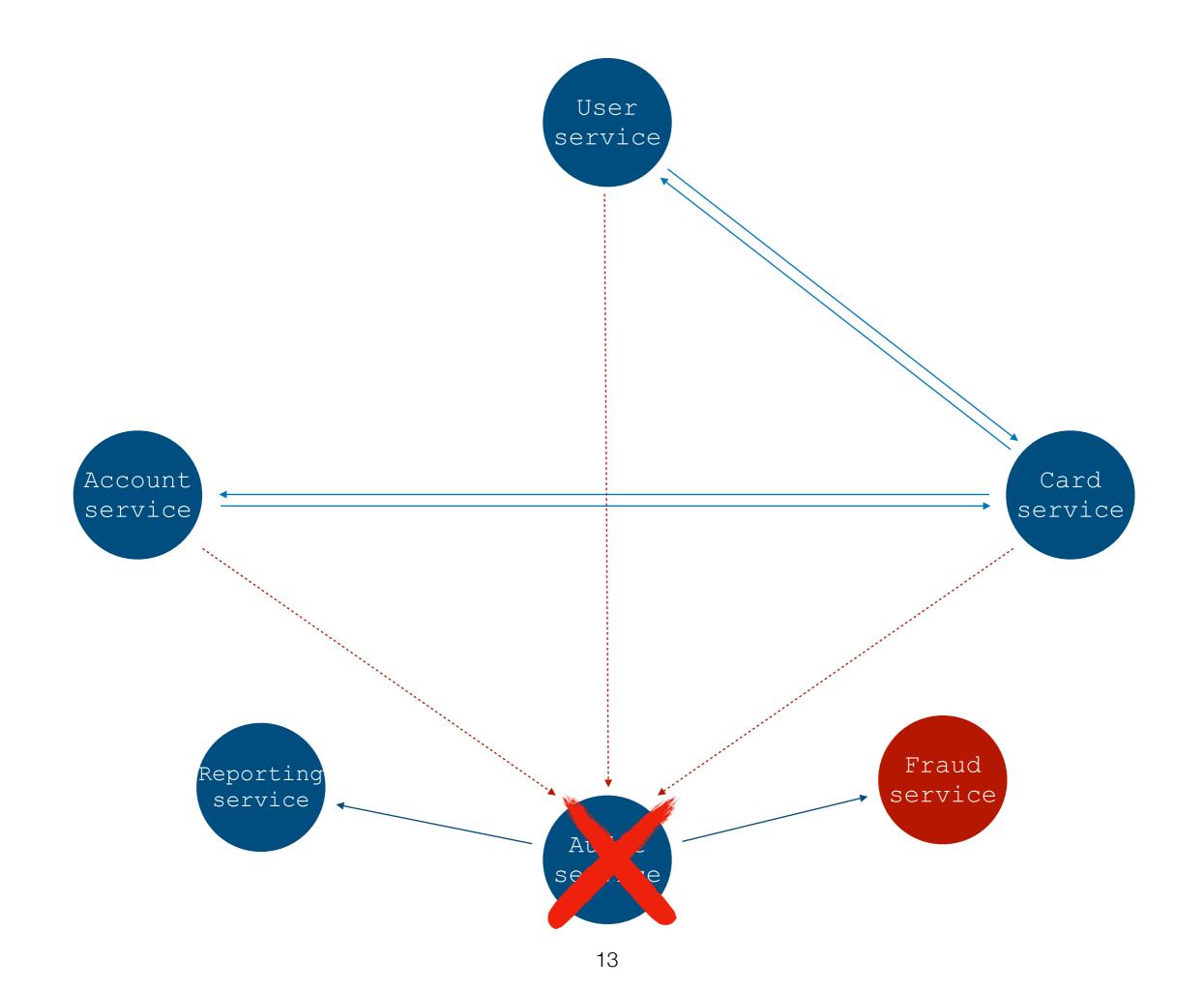
Reporting service

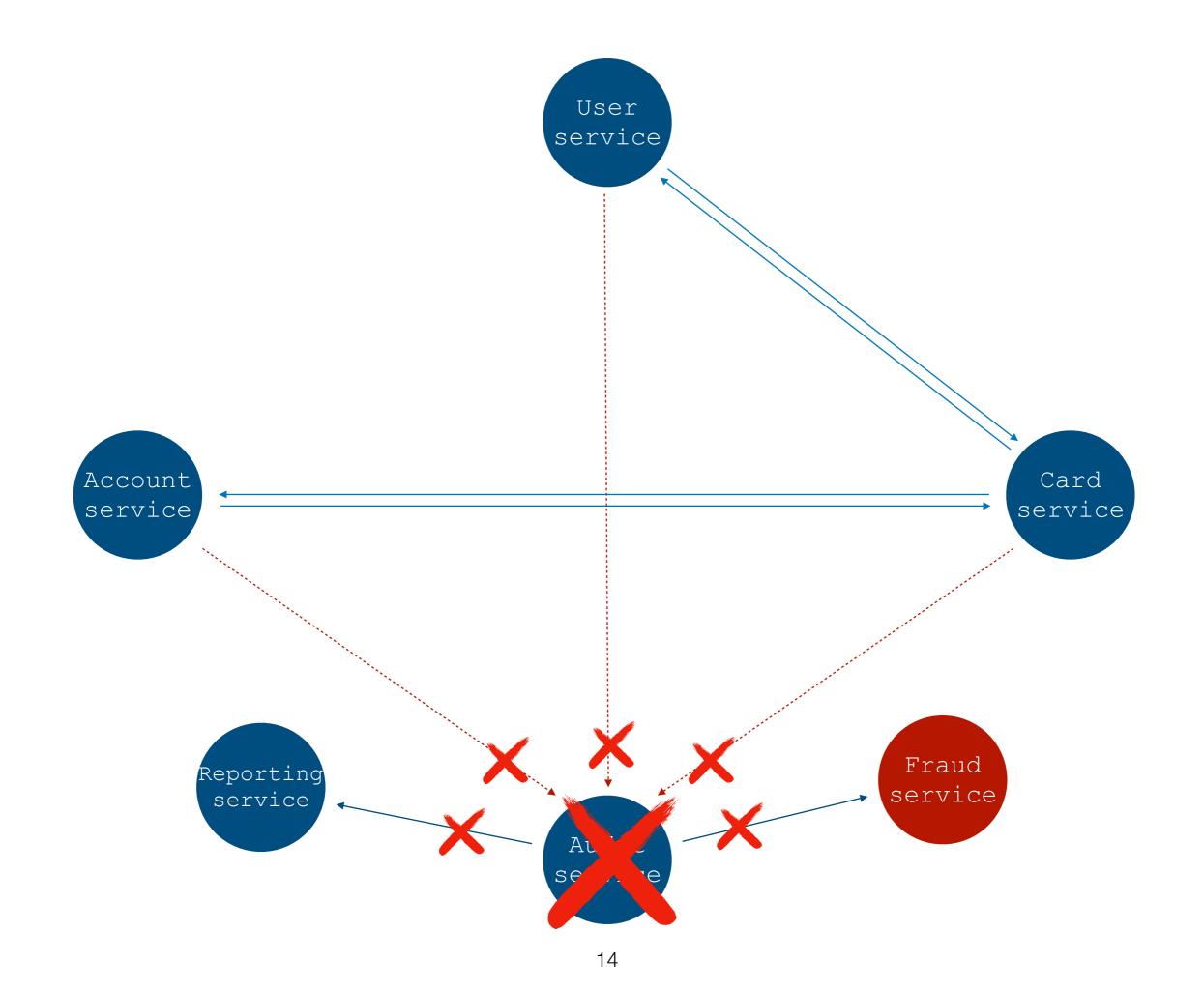


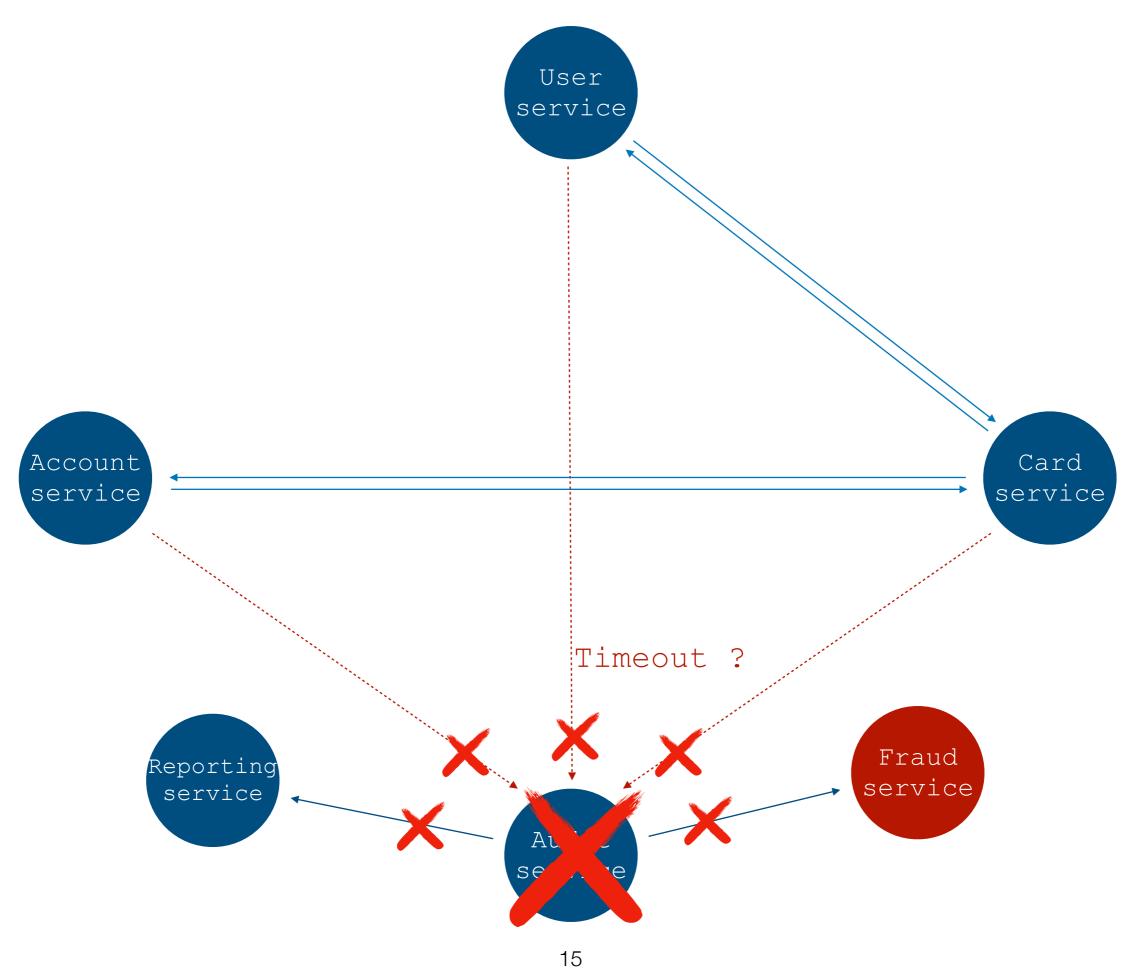


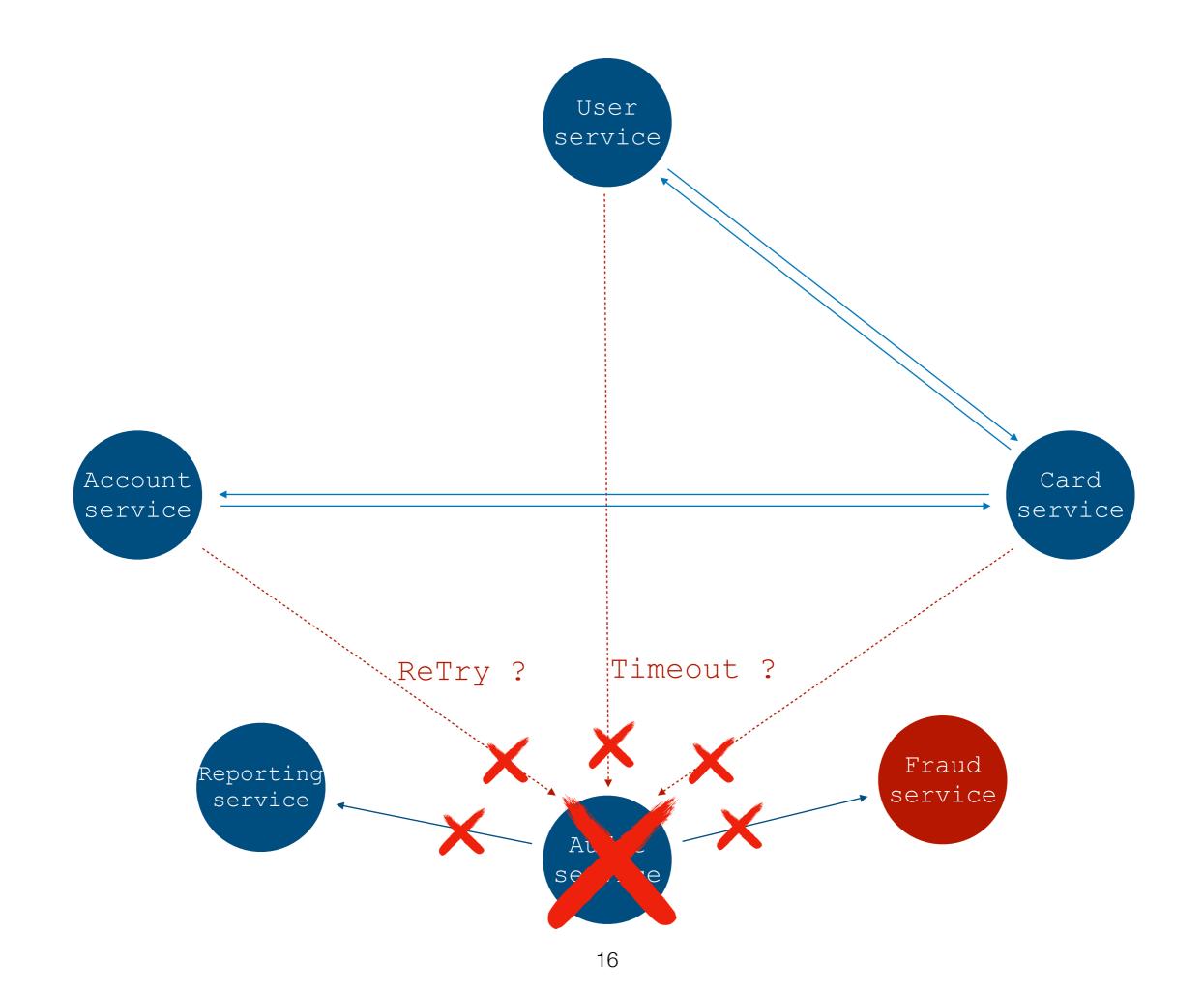


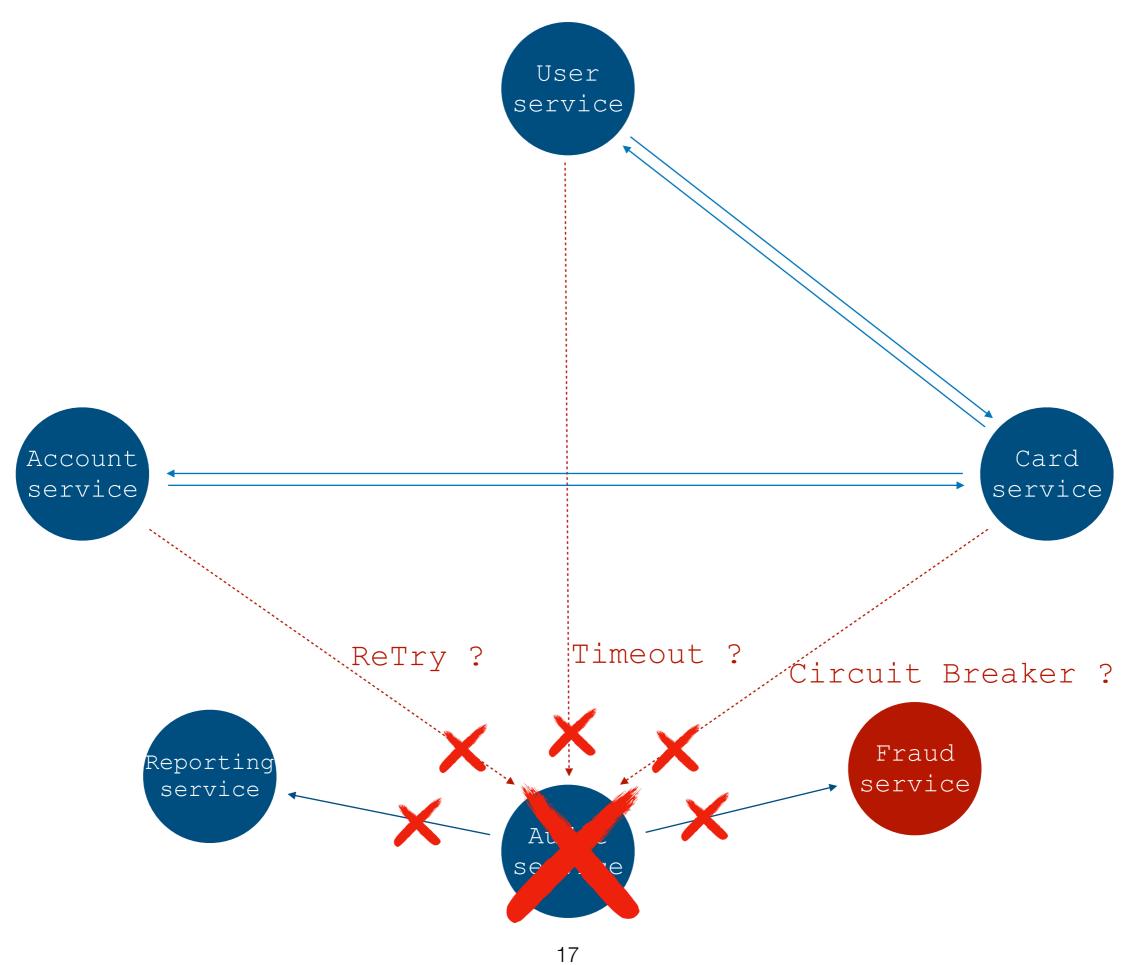


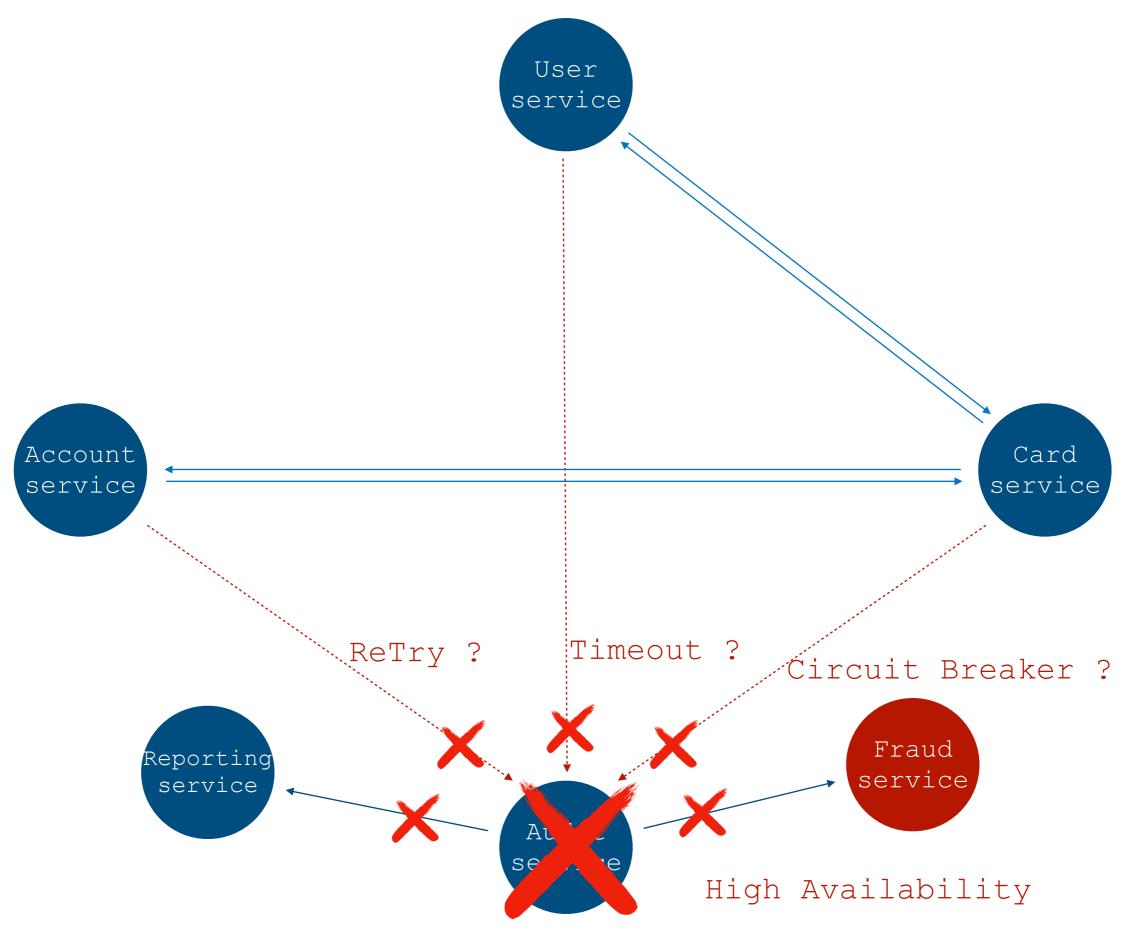


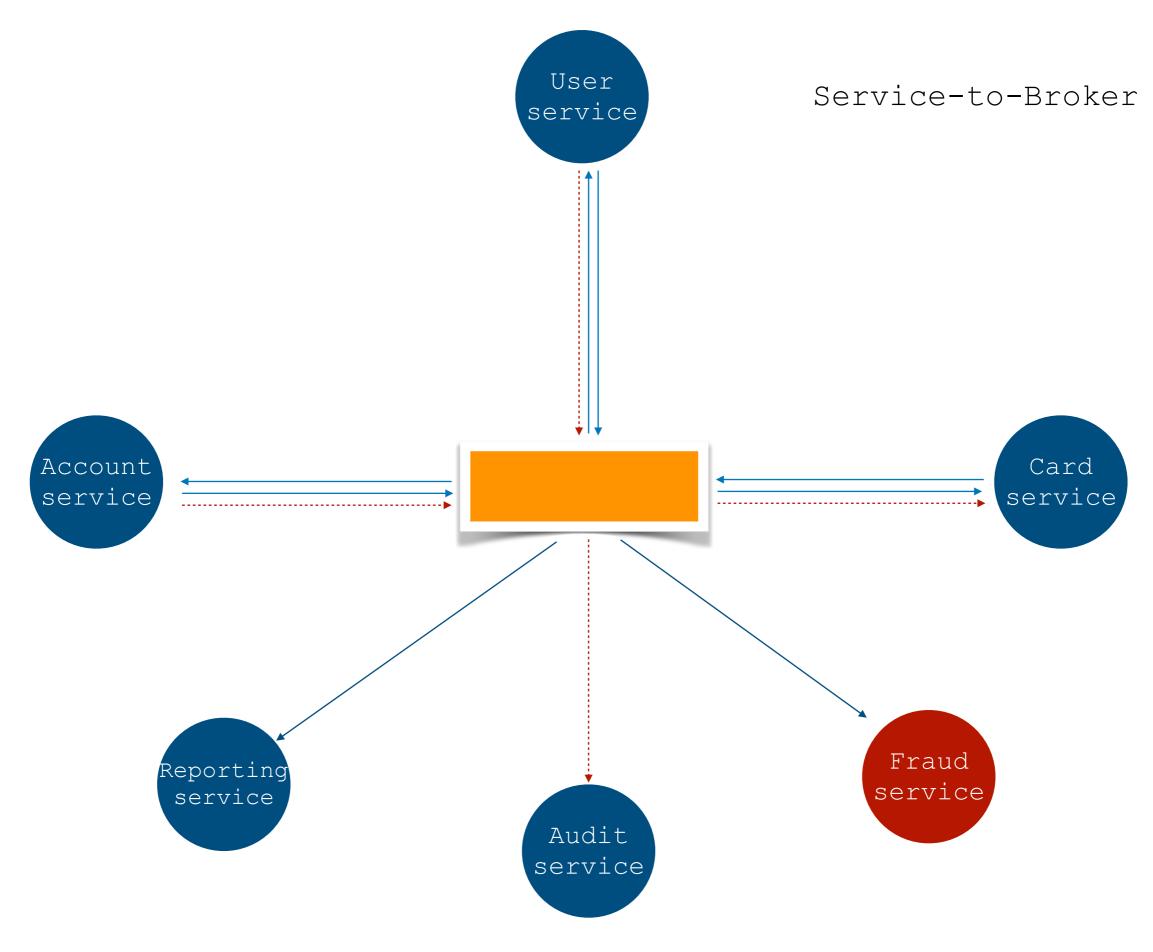


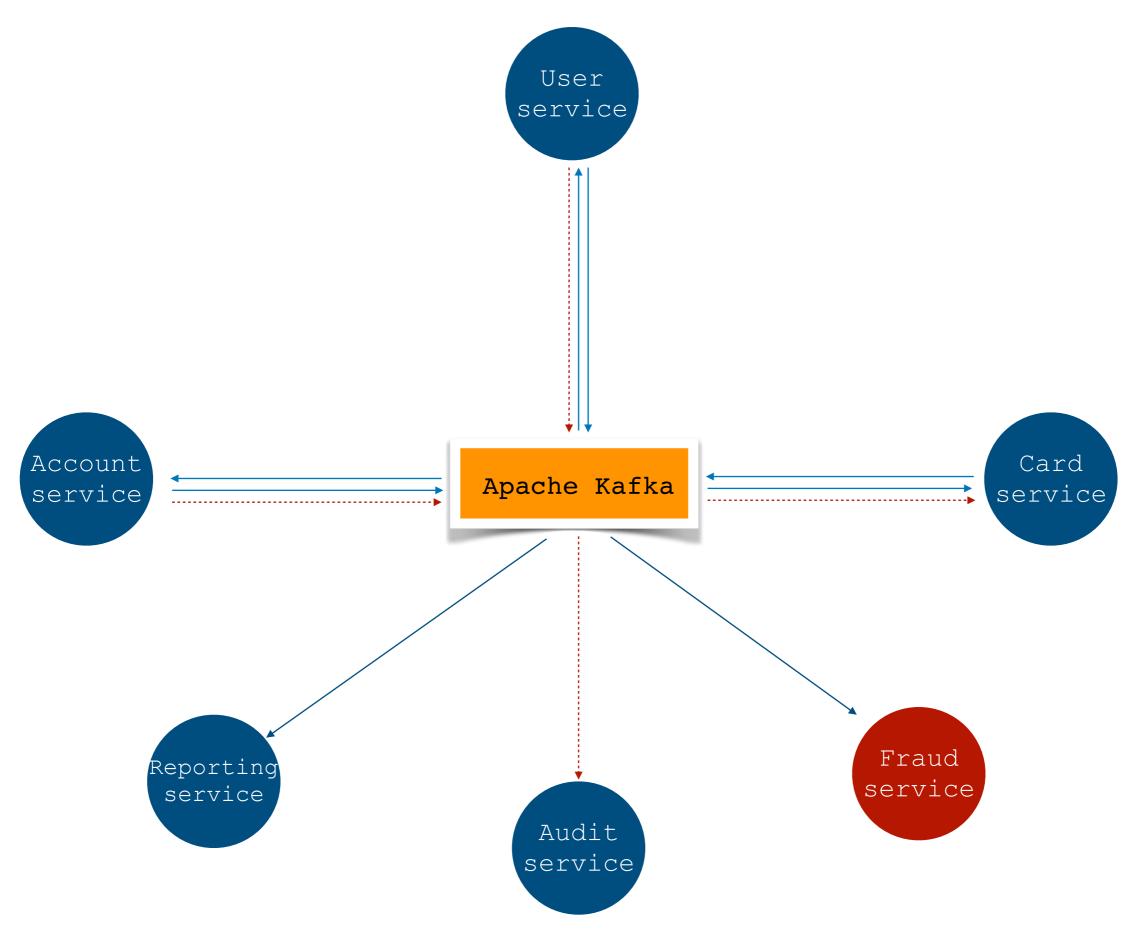








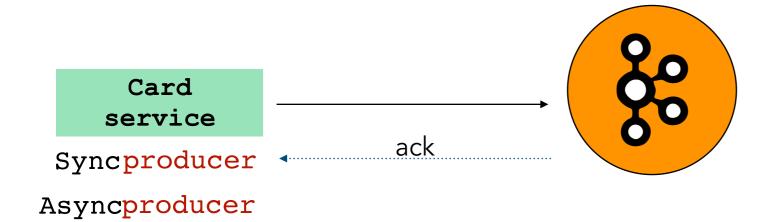


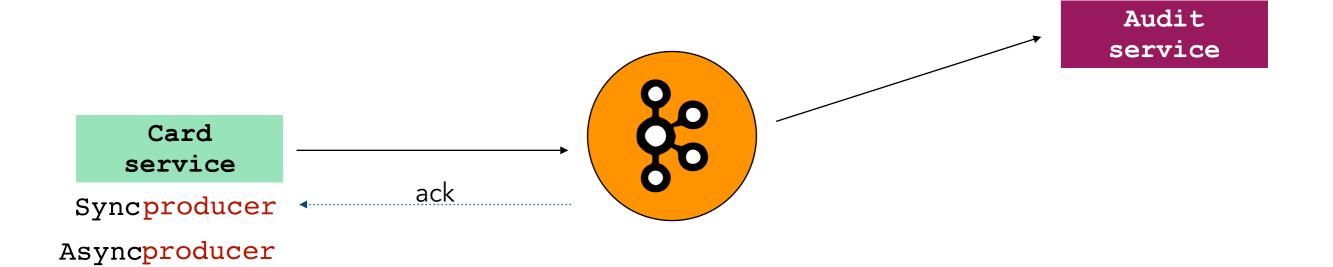


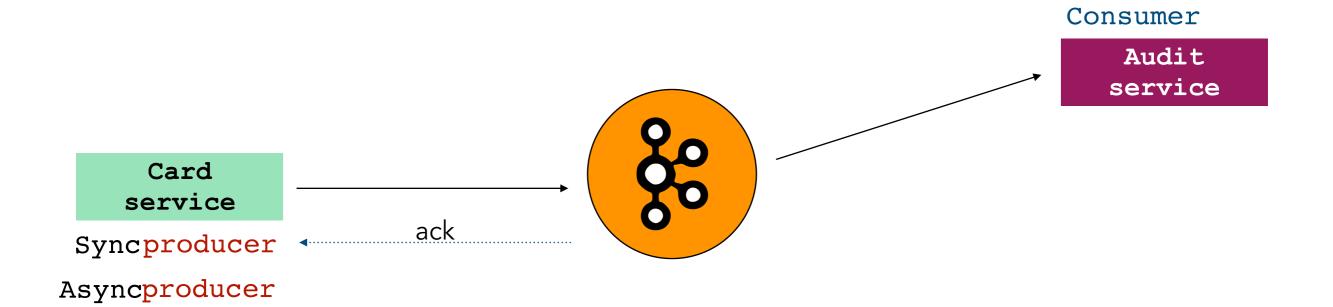


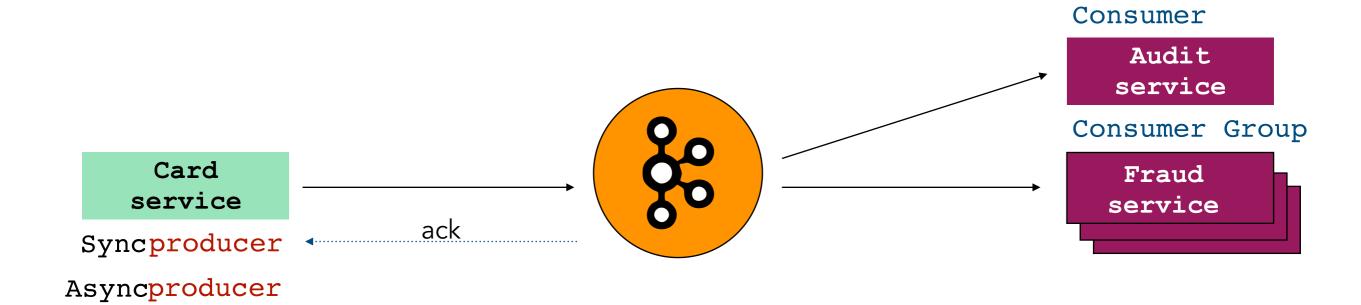


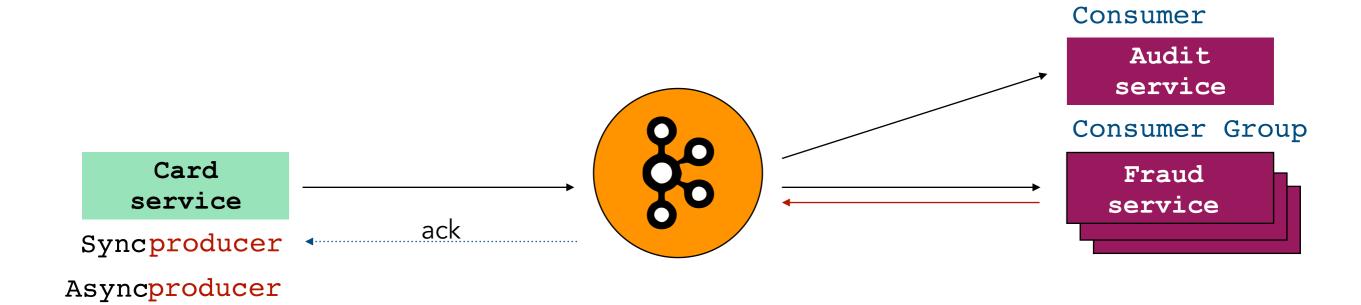


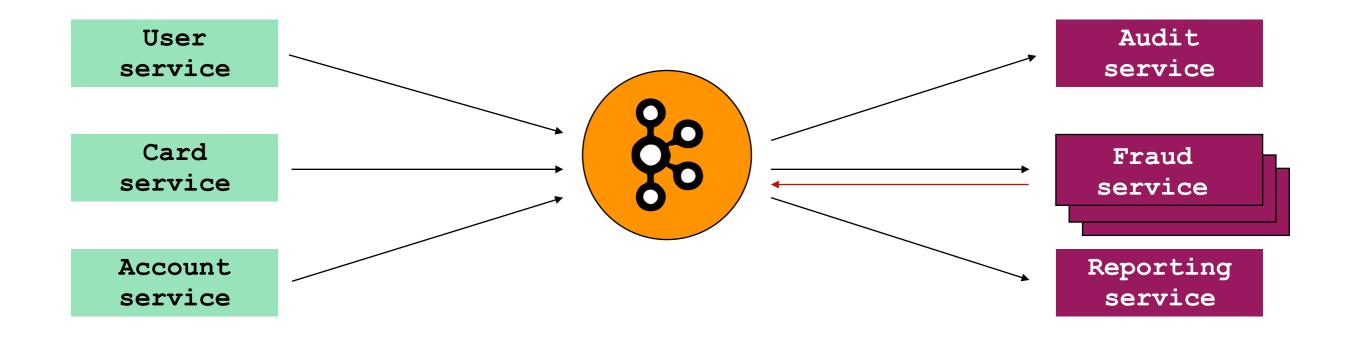


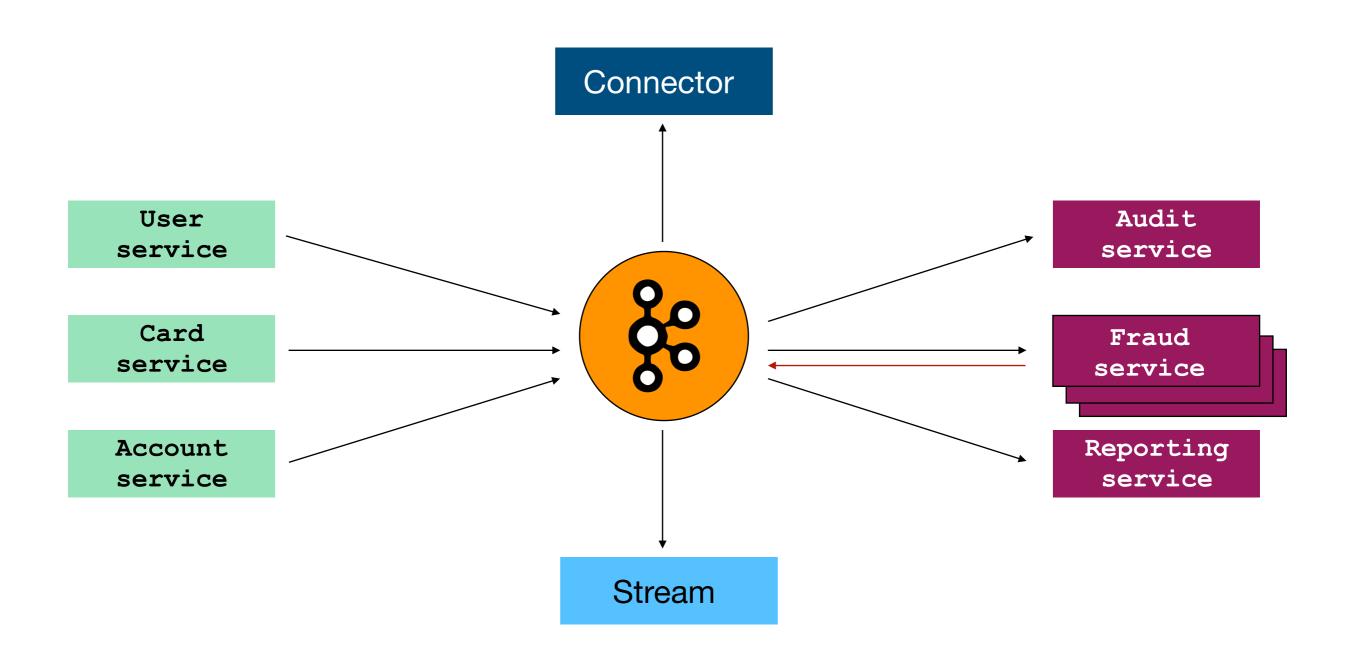


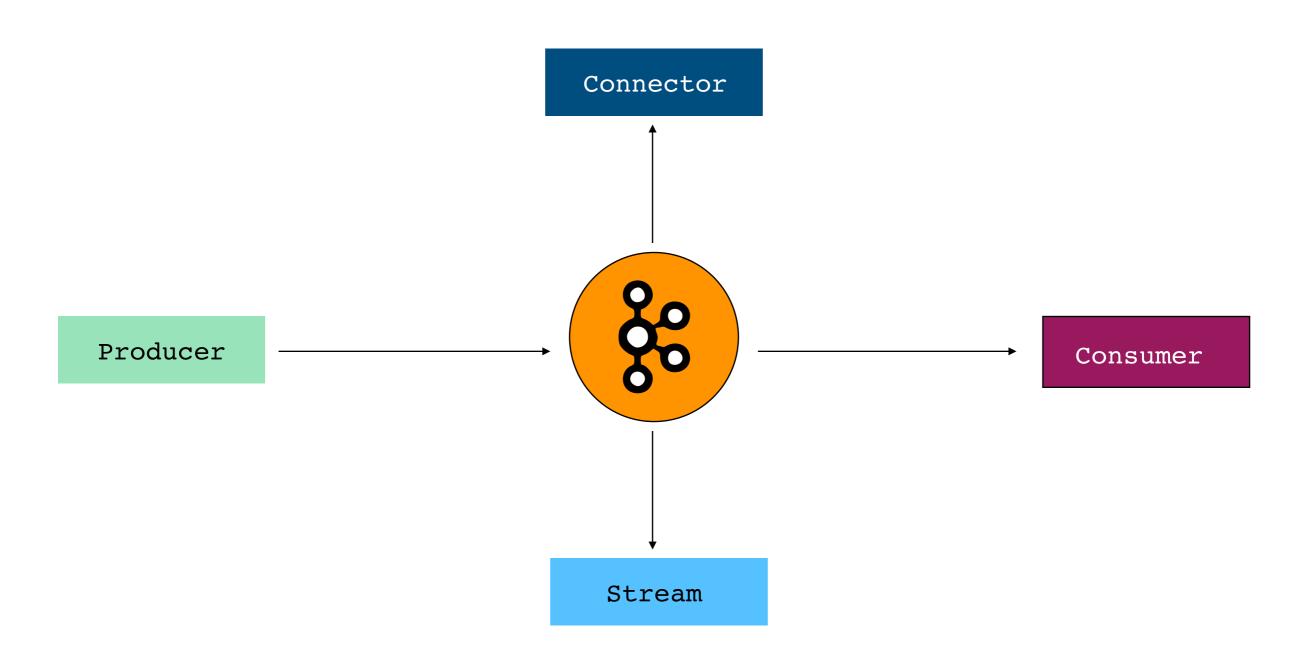


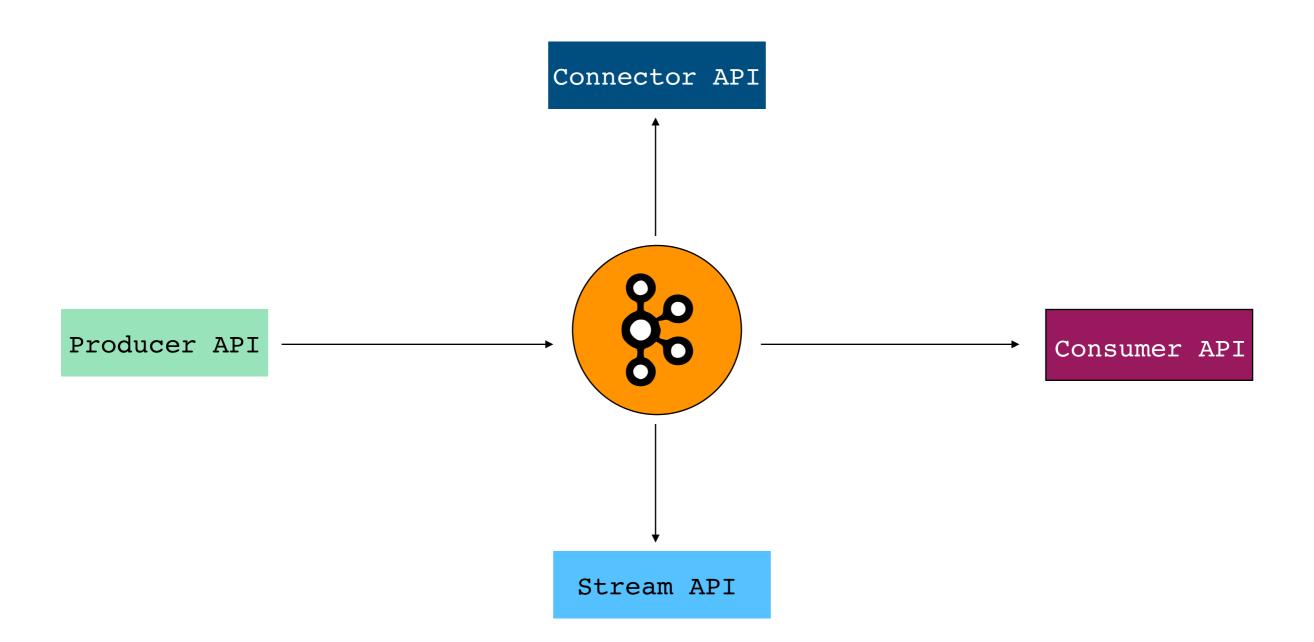


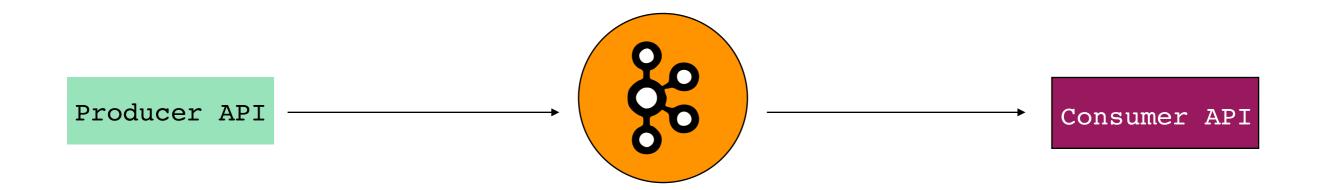


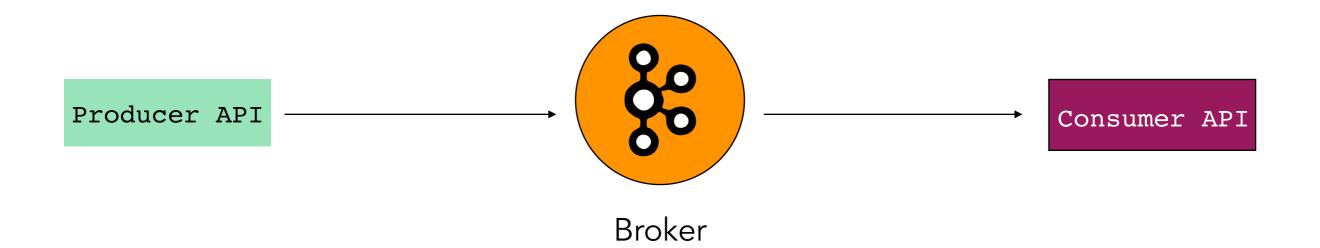


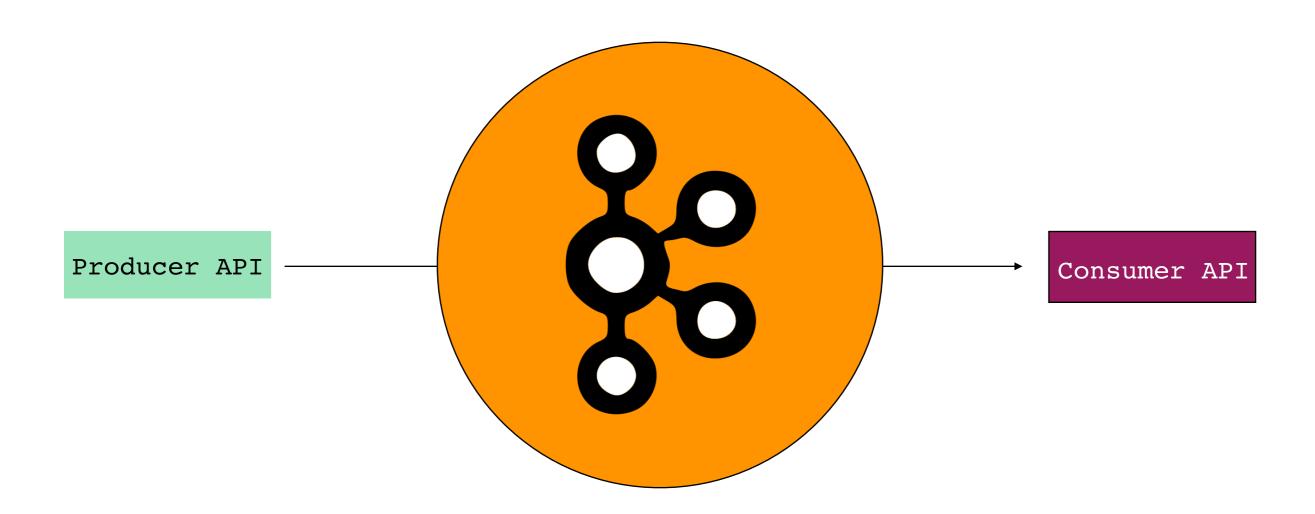




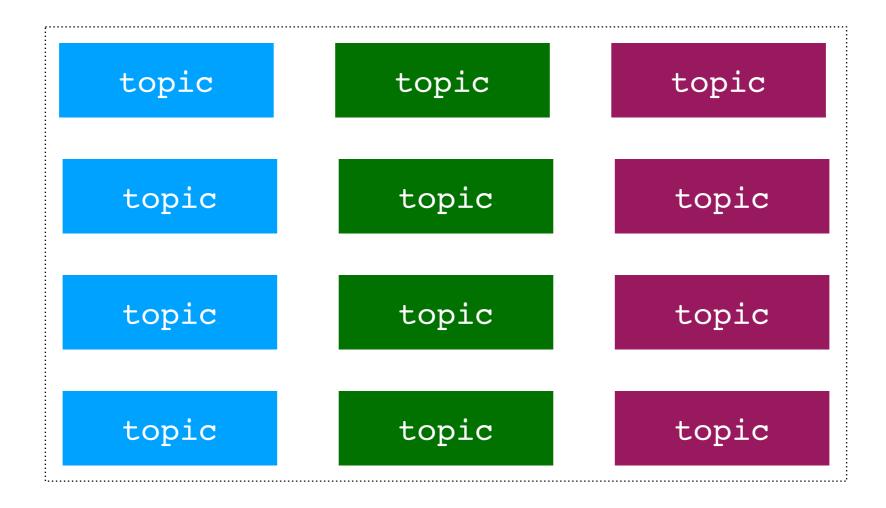




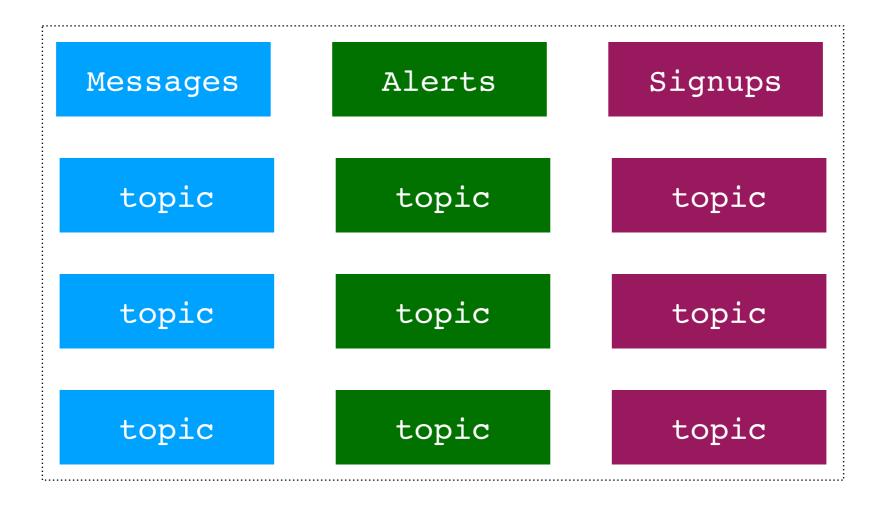


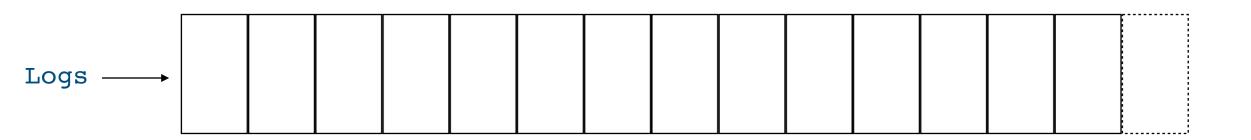


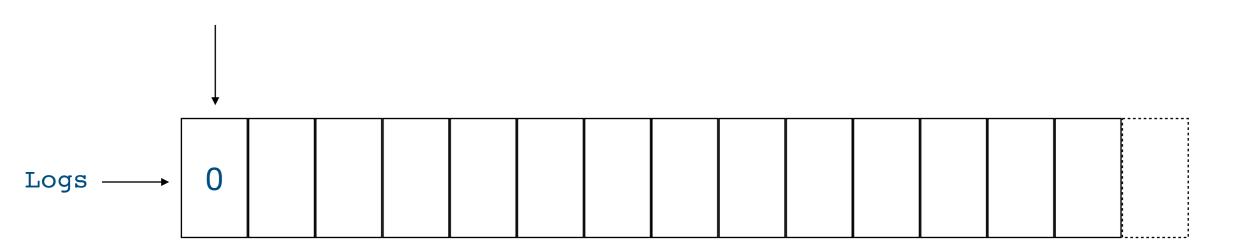
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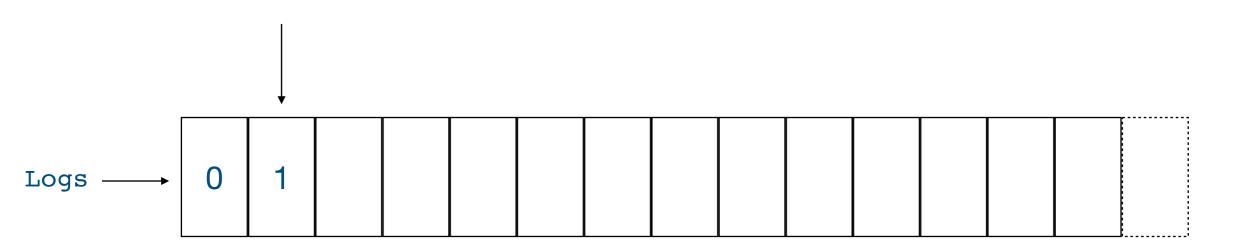


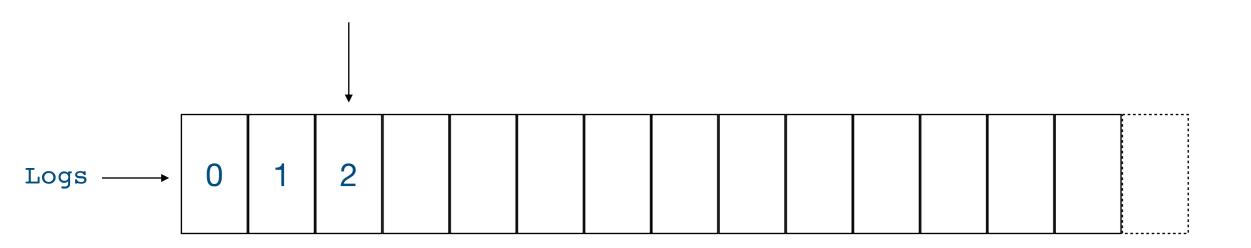
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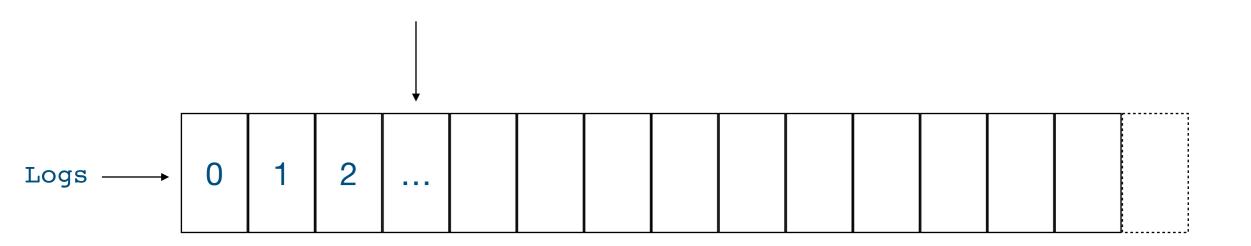


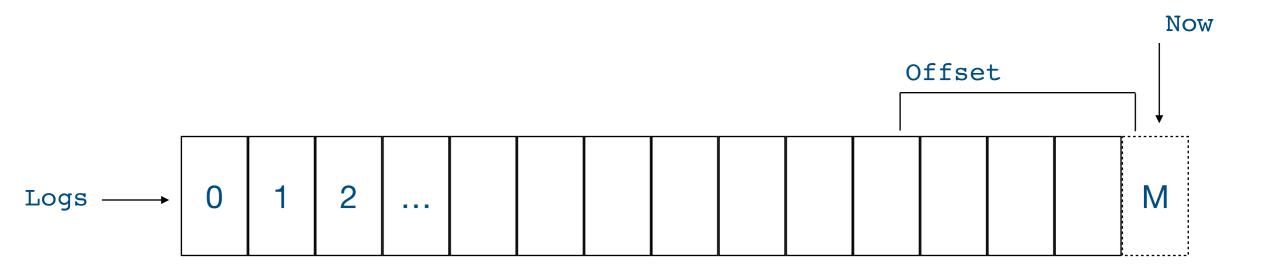


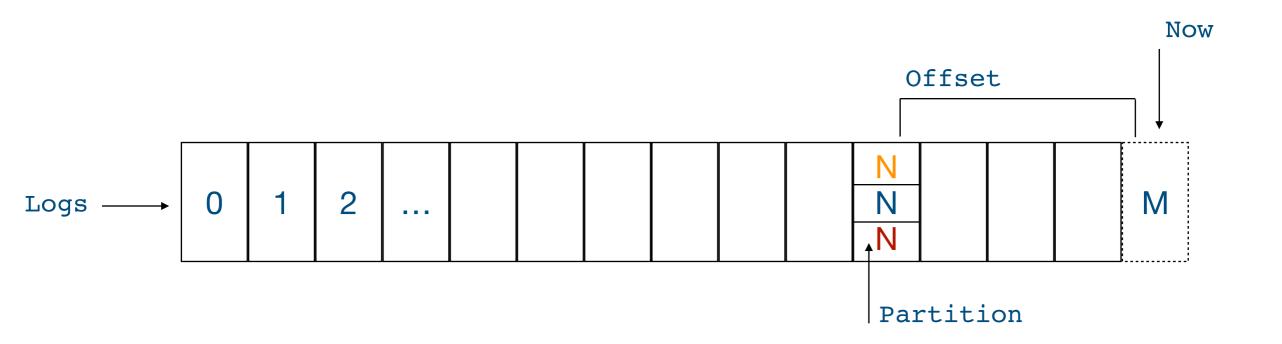


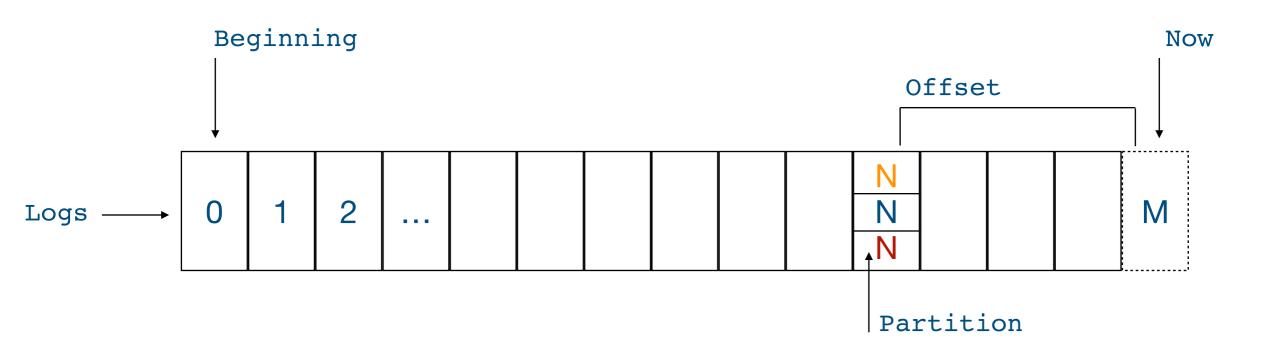


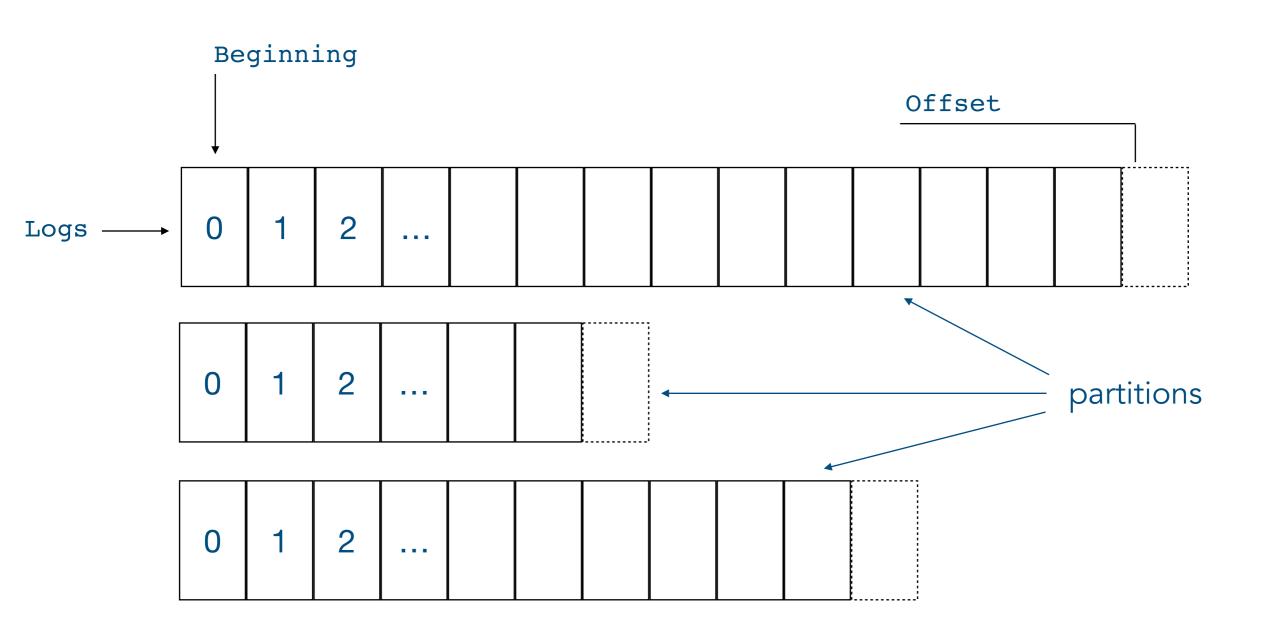


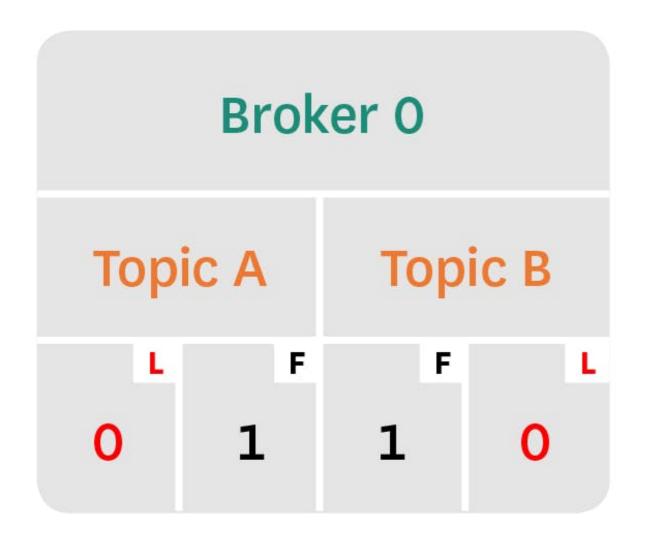


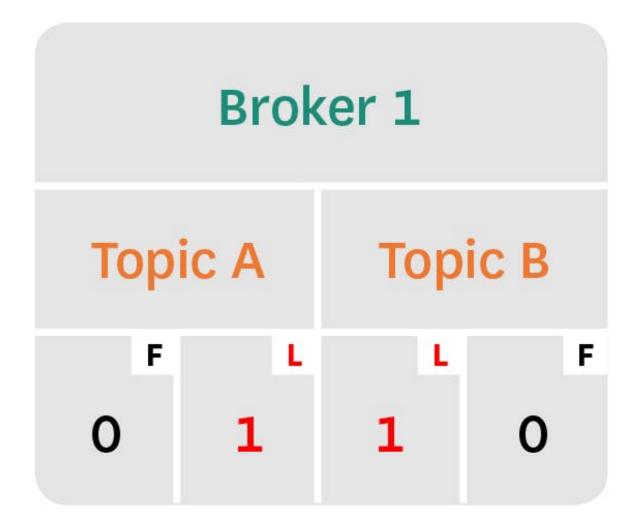






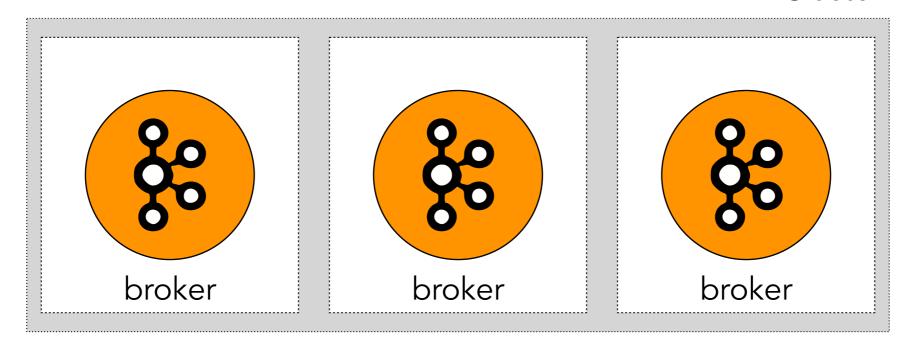




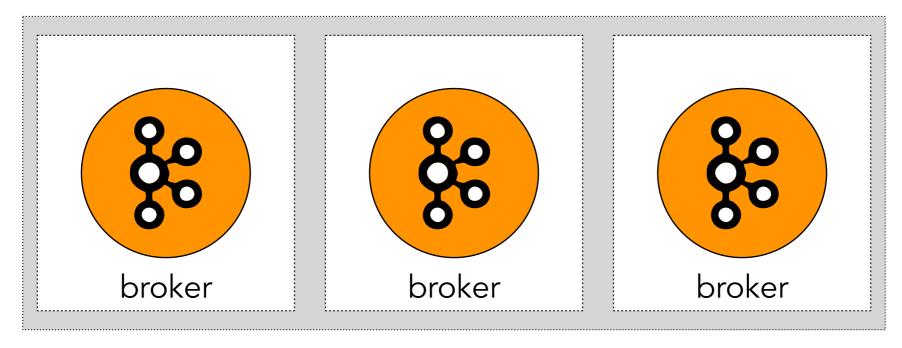


Leader F Follower

Cluster

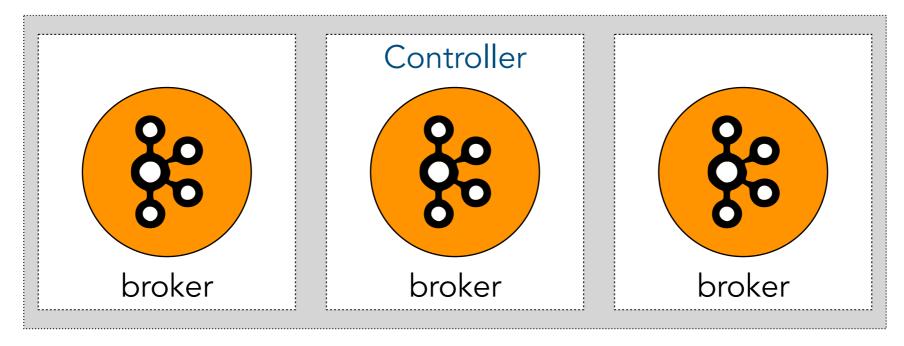


Cluster



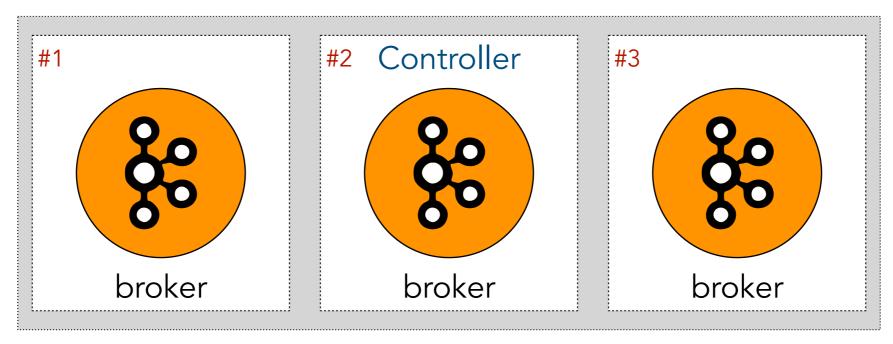


Cluster





Cluster

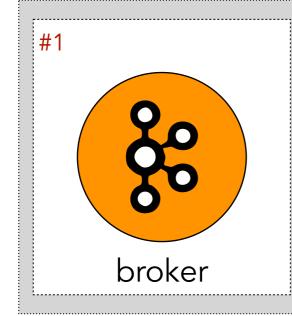


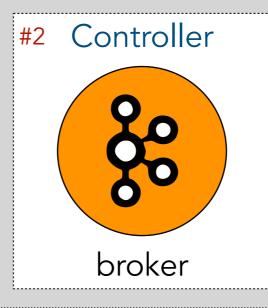


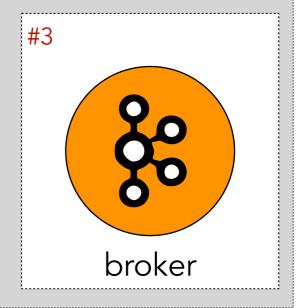
Cluster

ID

PORT 9092







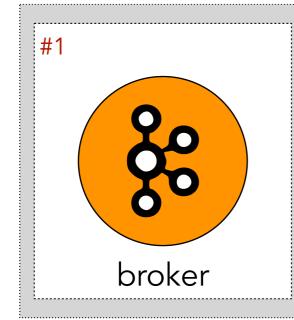


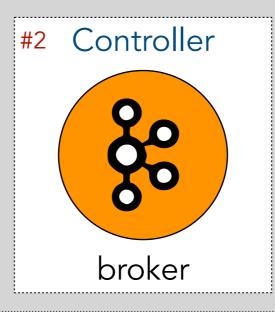
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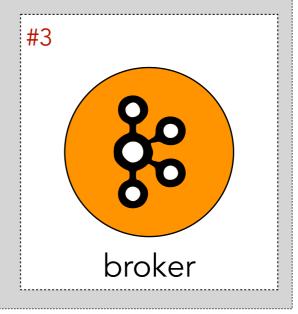
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PORT 9092

ADVERTISED_LISTENER









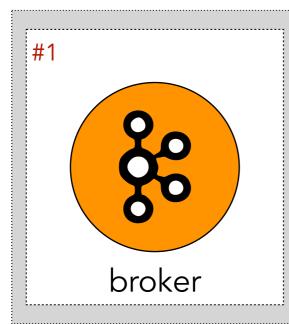
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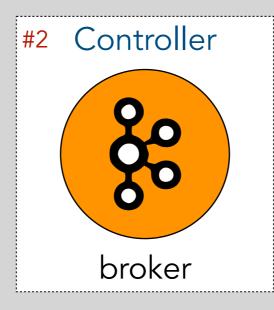
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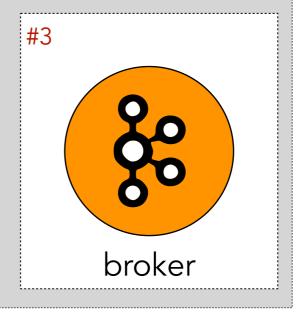
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ADVERTISED_LISTENER

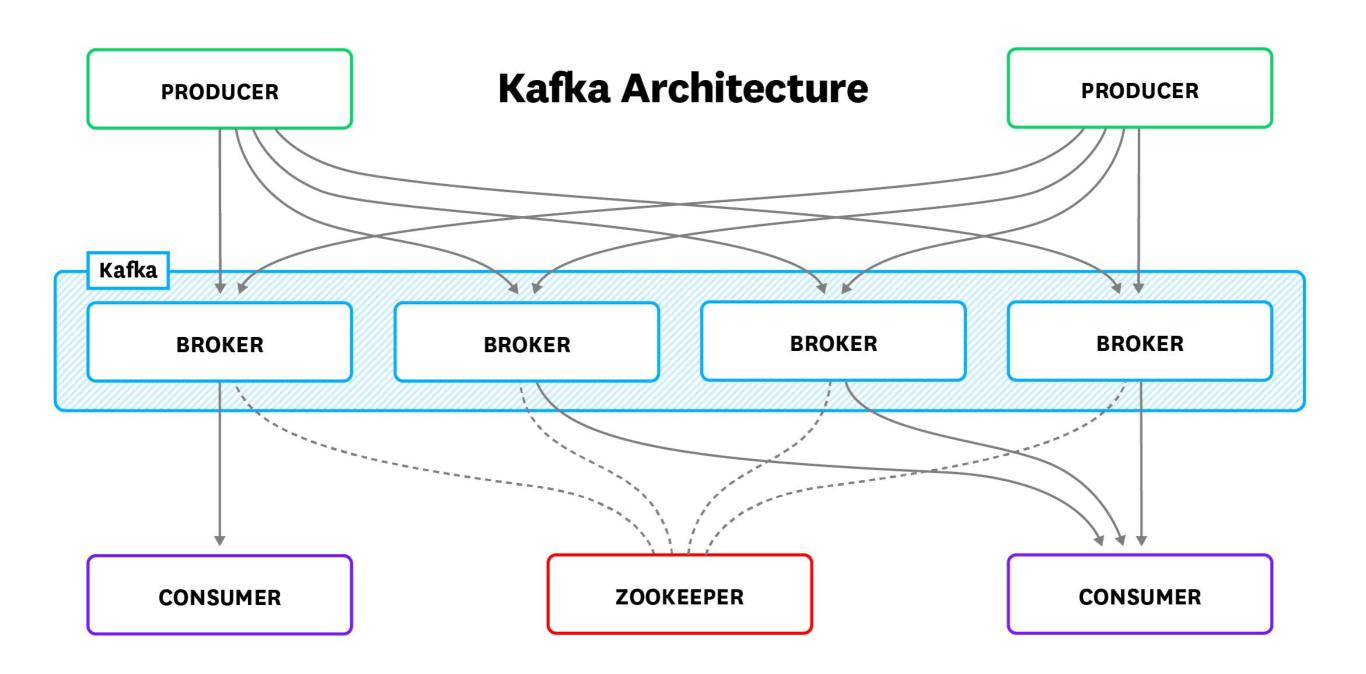
ZOOKEEPER_CONNECT











---- COORDINATES CLUSTER MEMBERSHIP

Zookeeper





Zookeeper

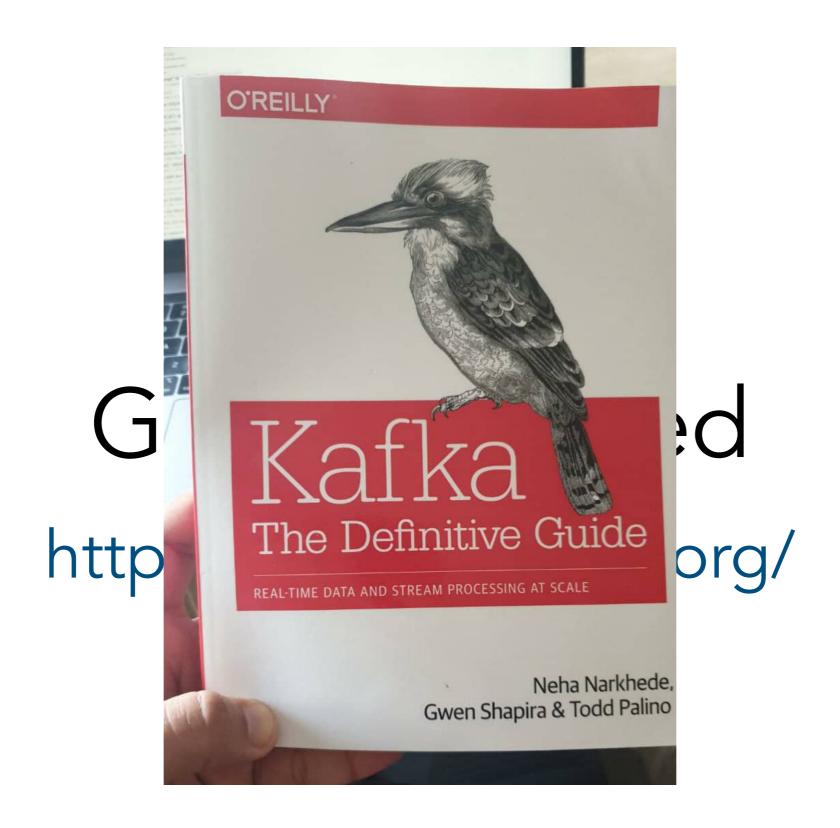
- Leader Election
- Controller Election
- Partition + OffSet storage
- Discovery
- High Availability

Use cases

- Messaging
- Website Activity Tracking
- Metrics
- Log Aggregation
- Stream Processing
- Event Sourcing
- Commit Log

Getting started

https://kafka.apache.org/



Merci

https://www.goscreencasts.io | https://bit.ly/32kFbp1