

Kafka connect

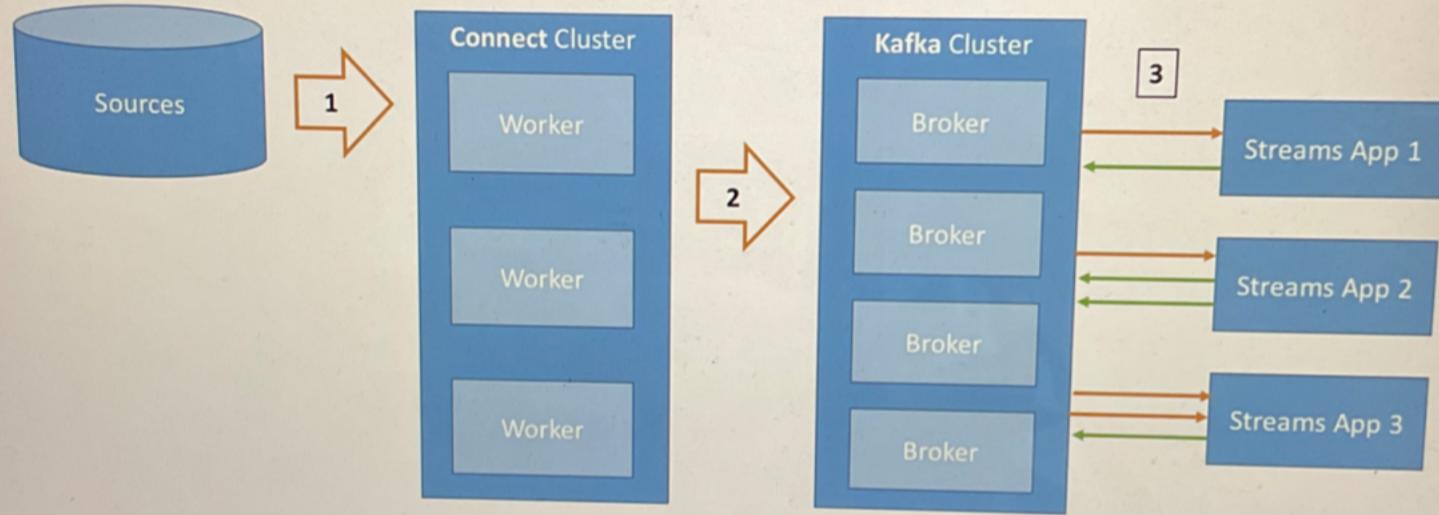
- all about code and connector reuse.
- simplify and improve getting data in and out of kafka

four common use cases:

Source => Kafka	Producer API	→ Kafka Connect Source
Kafka => Kafka	consumer API, Producer API	→ Kafka Streams
Kafka => Sink	consumer API	→ Kafka Connect Sink
Kafka => App	consumer API	→ — a —

- simplifies transforming data within kafka without relying on libraries

Kafka Connect and Streams Architecture Design



And then when we're ready,

3:45 / 4:47

1.5x CC ⚙️ 🔍 +

MacBook Air

Kafka Stream

- Easy data processing and transformations library within Kafka.

Kafka Schema Registry

- Kafka takes bytes as input and publishes them
- there is no data verification.

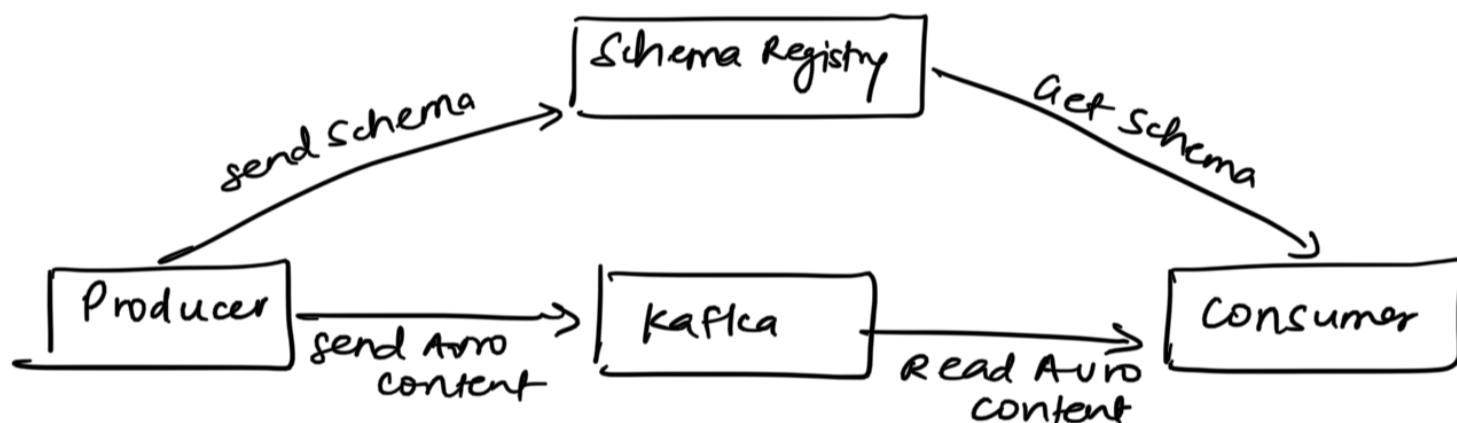
what if data format changes , producer sends bad data?
↓

CONSUMERS BREAK!

- so we need data to be self describable, move data without breaking down consumers

- Therefore we need schemas and schema registry.

Confluent Schema Registry (Apache Avro data format)



- Takes time to set up, but it's worth & beneficial.
- ensures forward, backward & full compatibility on your topics.