

Kafka Streams

- Java DSL that exposes a functional programming paradigm on top of Kafka
 - map/filter/reduce
- An abstraction that builds on top of raw Kafka consumer/producers
- Stateful
 - Aggregating some inputs into a key/value store (KTable)
 - Joining together different streams/stores
 - In-memory RocksDB database during runtime
 - Persisted as an internal changelog topic for durability

Example code

```
(-> (stream "payments")  
    (filter (fn [key request]  
              (> (:amount request) 10M)))  
    (mapValues (fn [request]  
                  (assoc request :block? true))))
```
