

Event streaming applications
With Kafka Streams, Spring Kafka and Actuator



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You will learn

How to:

- Produce / consume messages
- Process big data
- Create proper monitoring

- --> spring-kafka
- --> kafka-streams
- --> actuator

MARNING

This meeting will contain live coding, so everything could (potentially) go wrong.



The story....











but it's slow....



Let' Apache Kafka! With Apache async

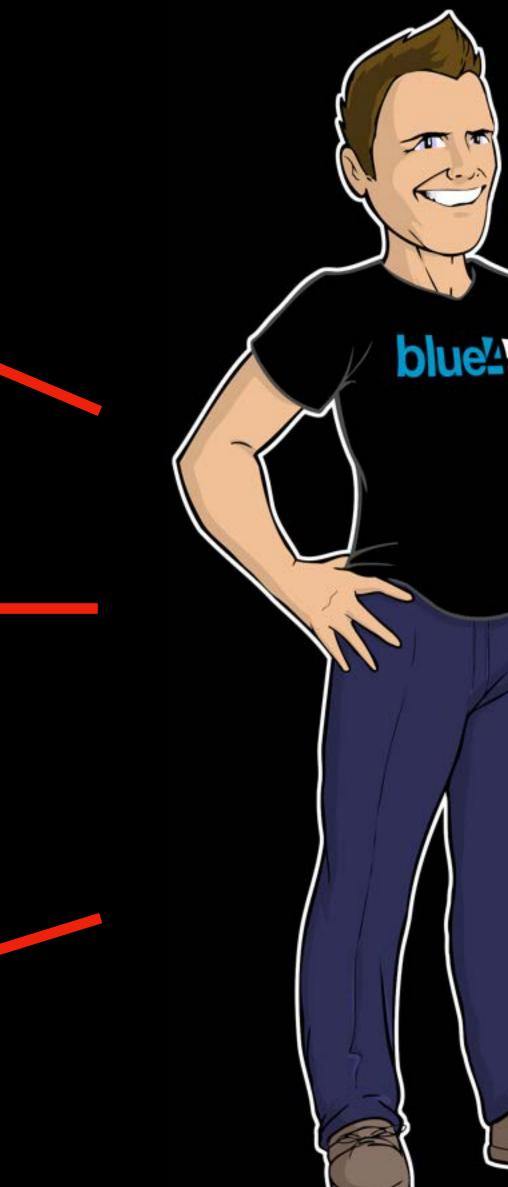
EVENT STREAMING APPLICATIONS

With Kafka Streams, Spring Kafka and Actuator



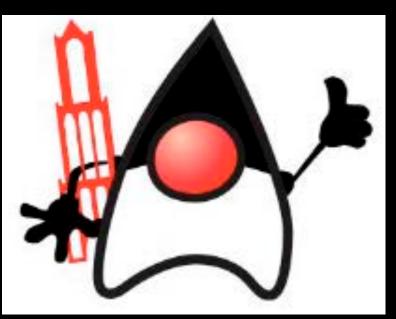


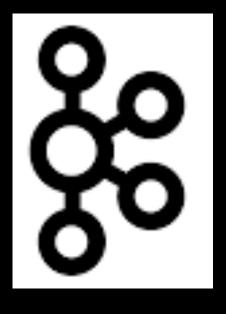














@KOTURK777

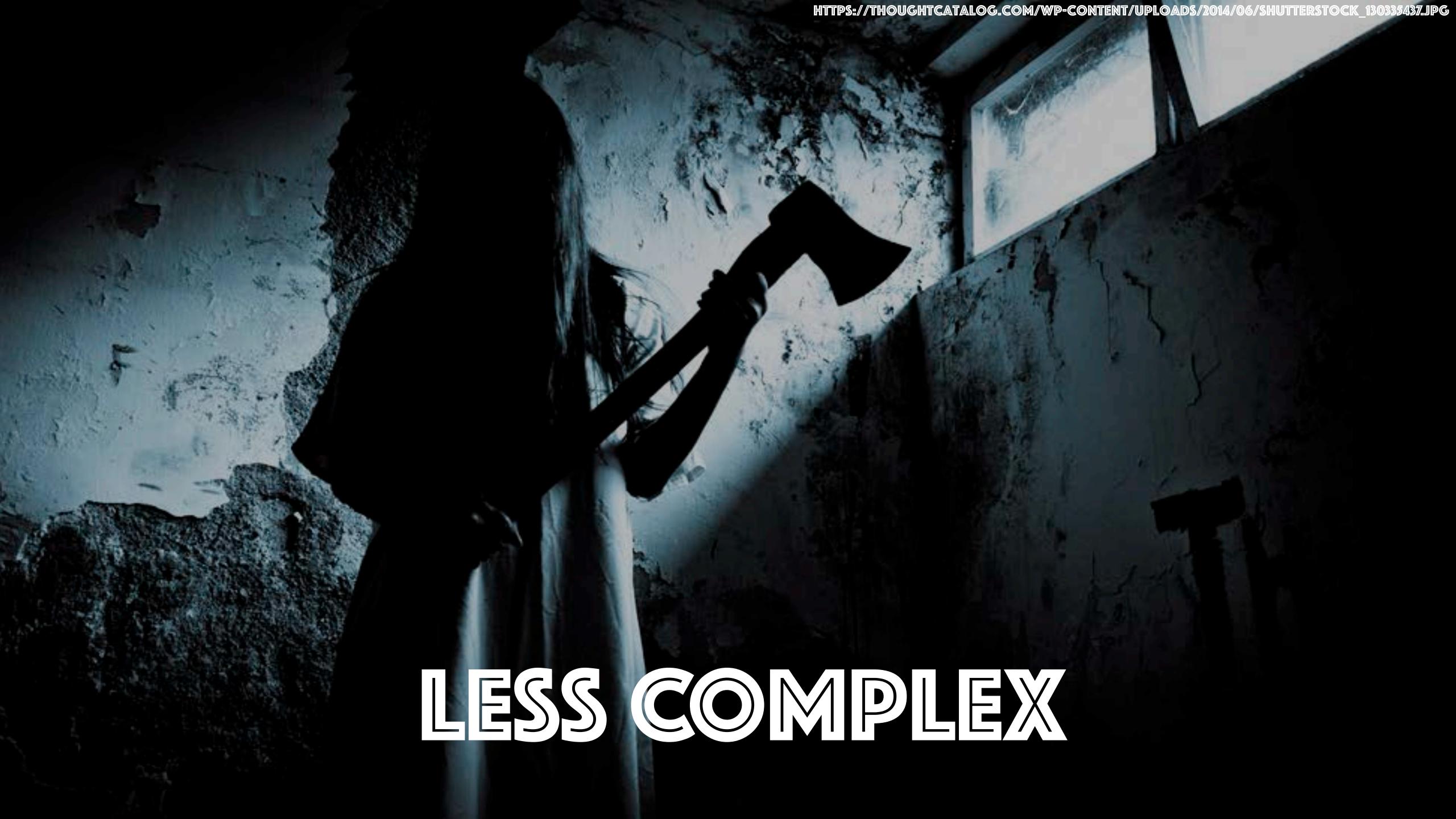
Who is already using

Kafka?

but first, why?? event streaming









FAULT TOLERANT



REPLAYABILITY

For that we have

8 kafka

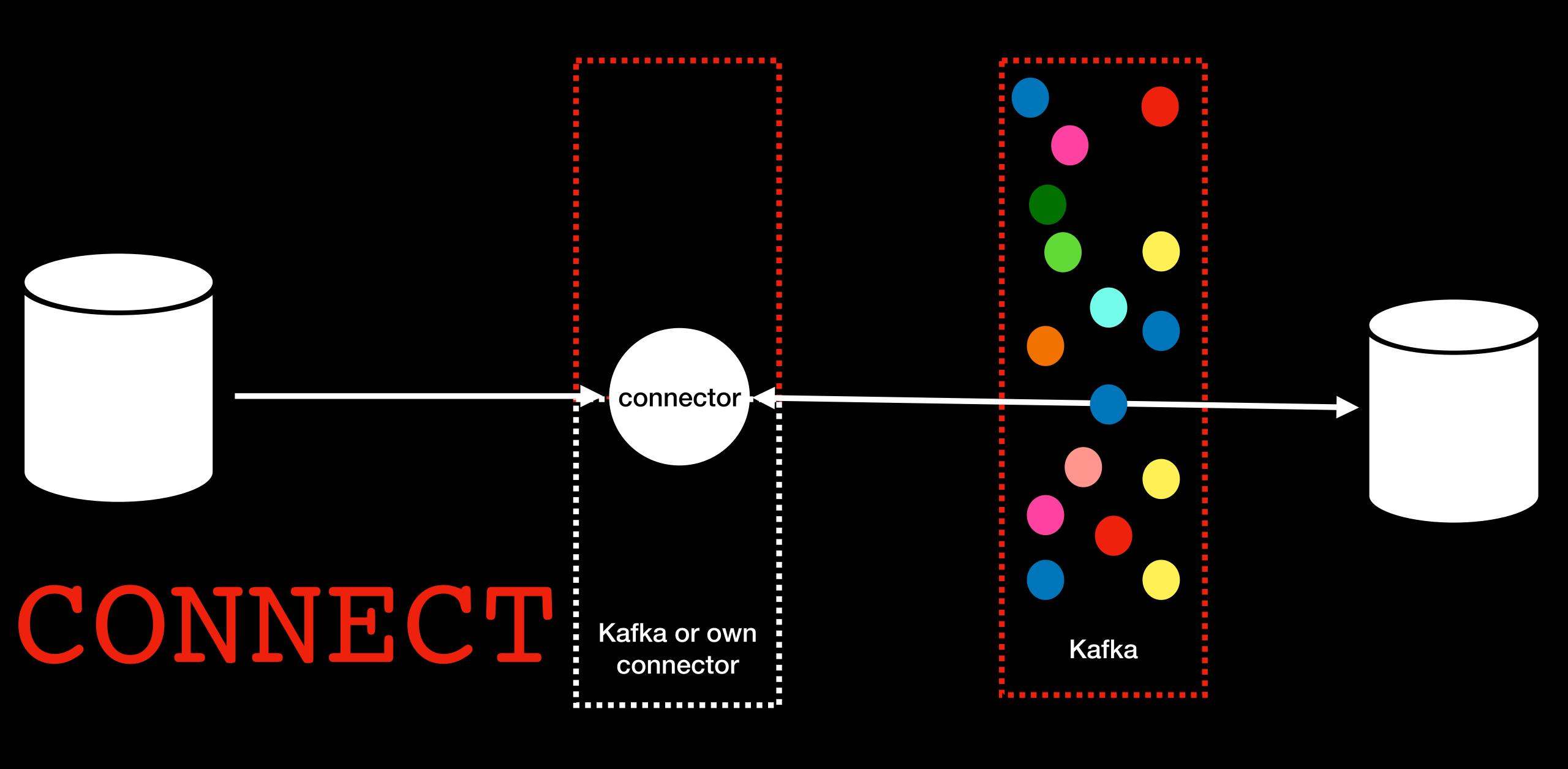


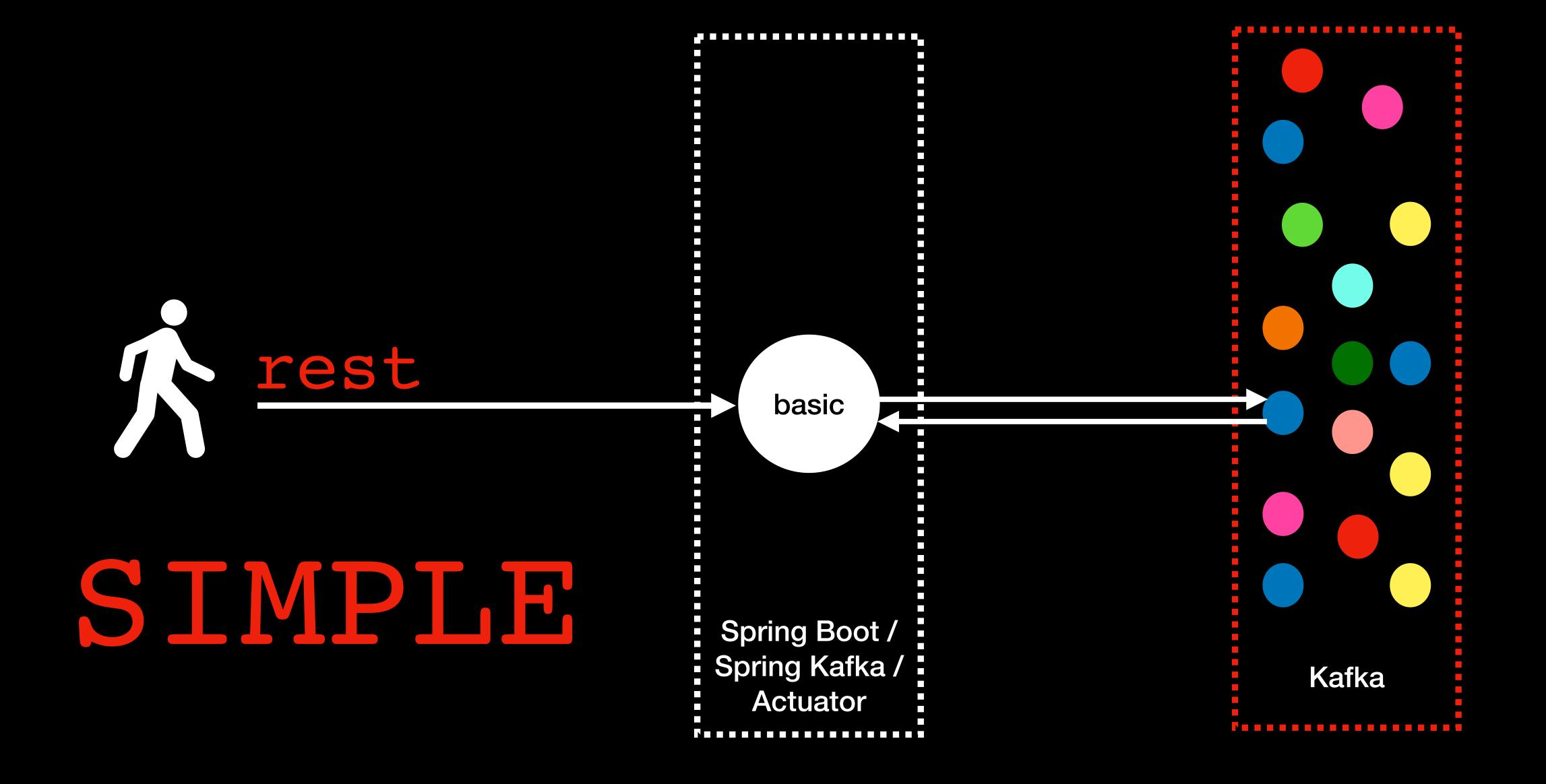


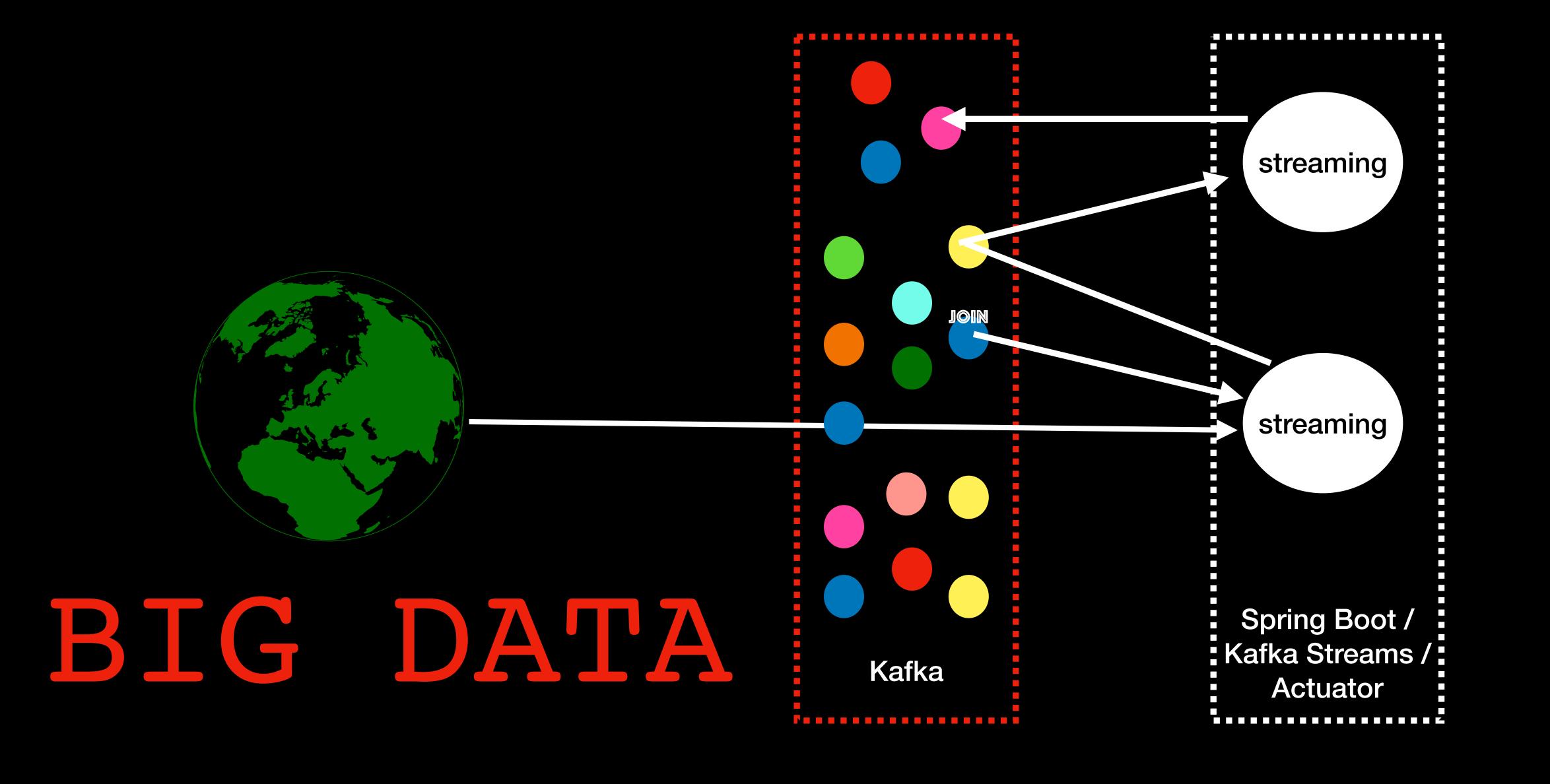














You learned

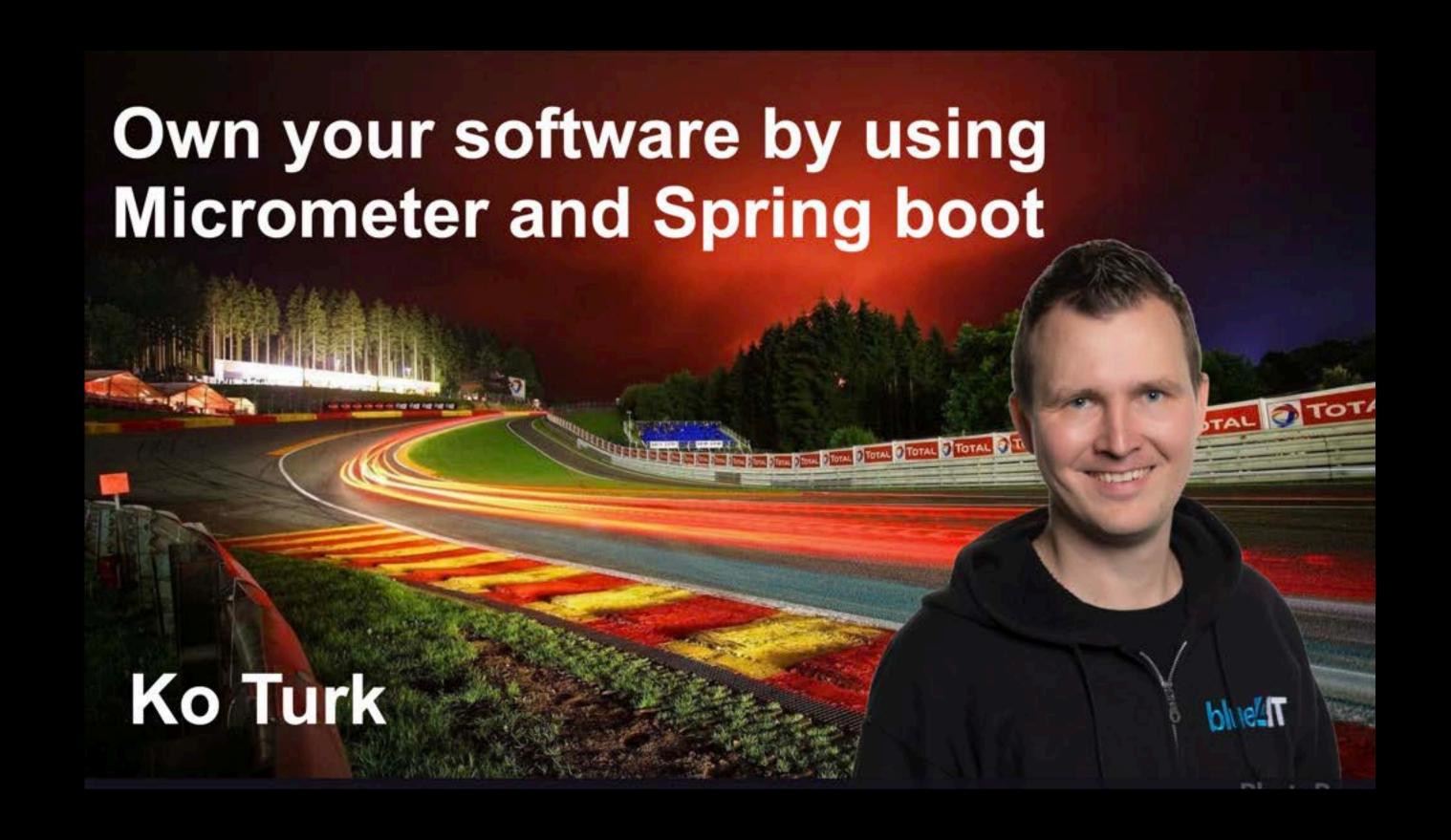
How to use:

- Consumer
- Producer
- Streams

- -> @KafkaListener
- -> Kafkatemplate
- -> Streamsbuilder

Learn to create metrics (actuator)!!

HTTPS://YOUTU_BE/UNSZKYPAMZC?T=688





MONITORING

REFERENCES

for more fun

- spring kafka https://docs.spring.io/spring-kafka/docs/current/reference/html/#preface
- streams (more tutorials)
 https://developer.confluent.io/tutorials/



Thank

Slides + code (branch 'solution'): https://github.com/KoTurk/Kafka/tree/main/Jetbrains Follow me at Twitter: @KoTurk77