

Kafka Streams, nightmare or sweet dream?



Ko Turk
Developer @ adesso



Kafka Streams nightmare or sweet dream?





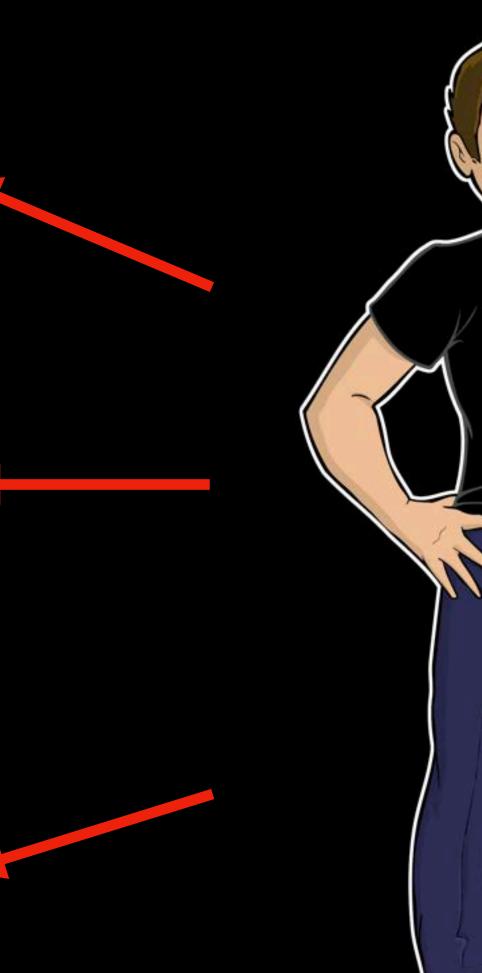
SO IT DEPENDS





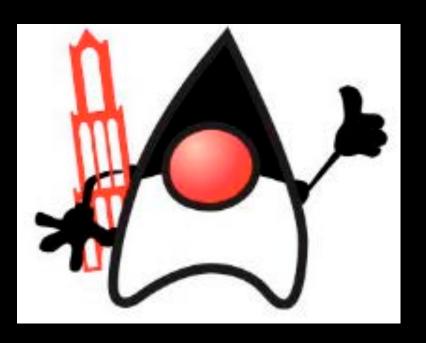


















You will learn

How to:

- Produce / consume messages
- Process big data
- Custom processing (with timing)
- Create proper monitoring

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



https://github.com/KoTurk/Kafka/tree/main/ VoxxedTicino

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

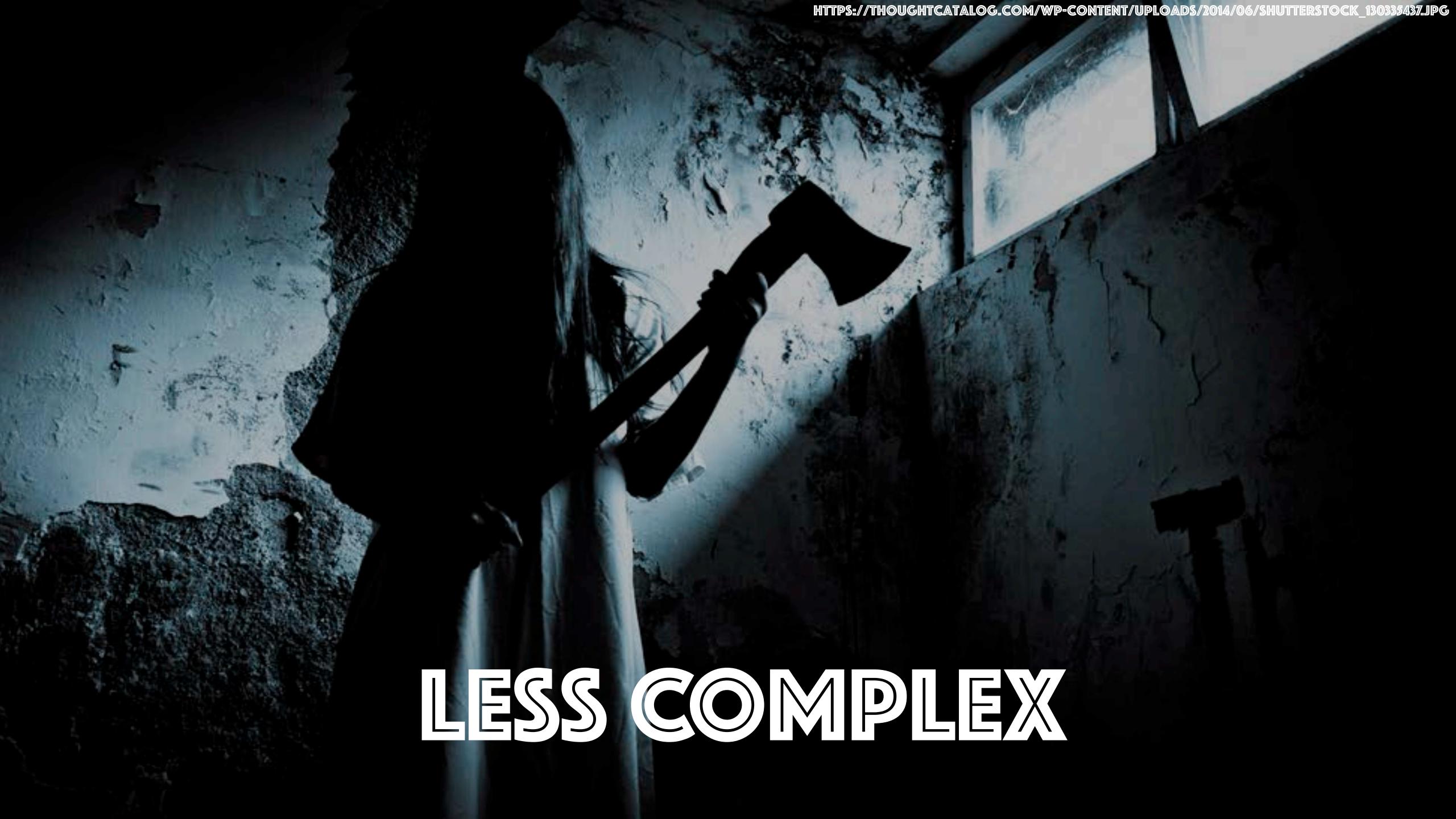




but first, why?? event streaming









FAULT TOLERANT



REPLAYABILITY

For that we have

8 kafka

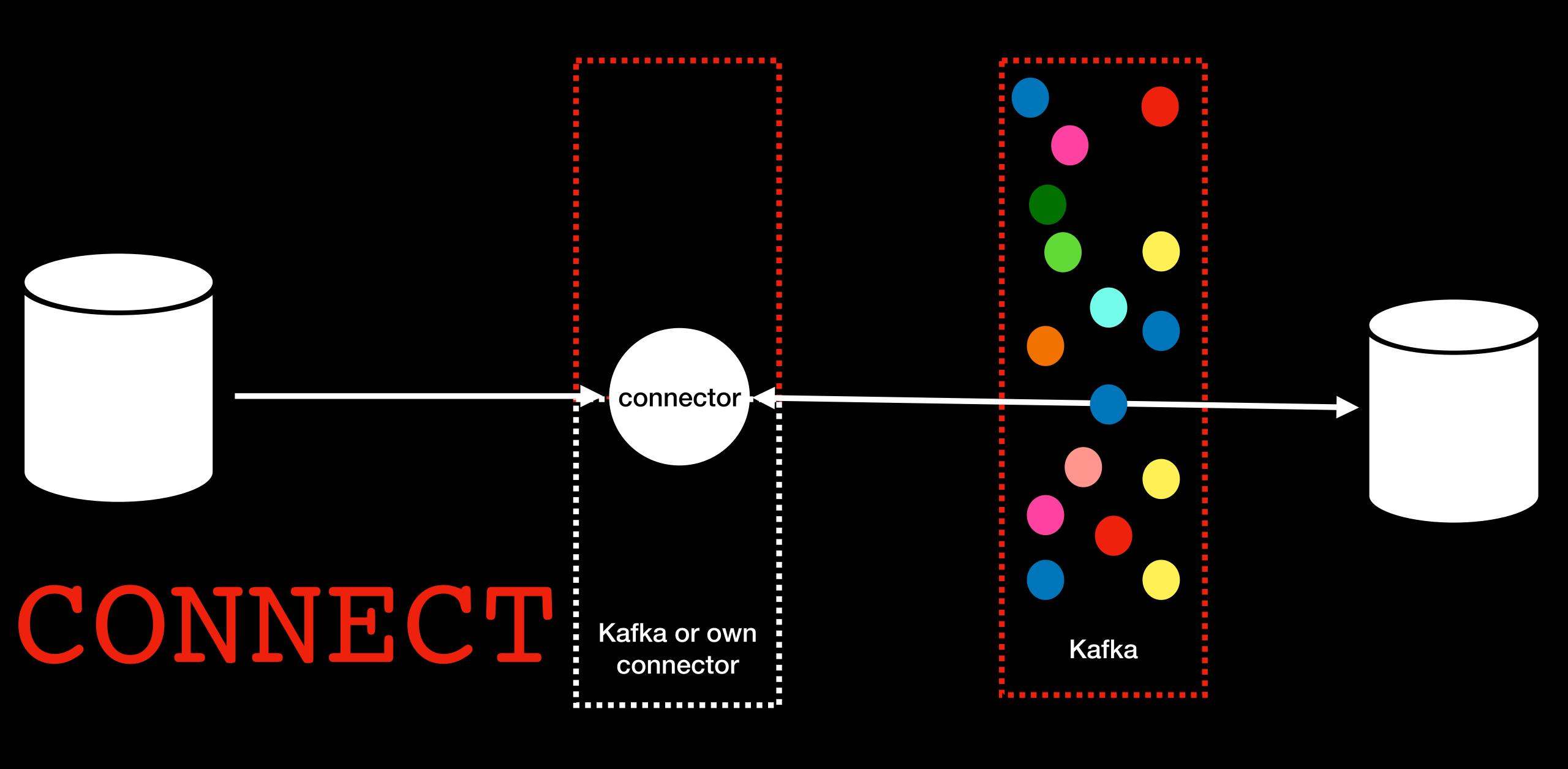






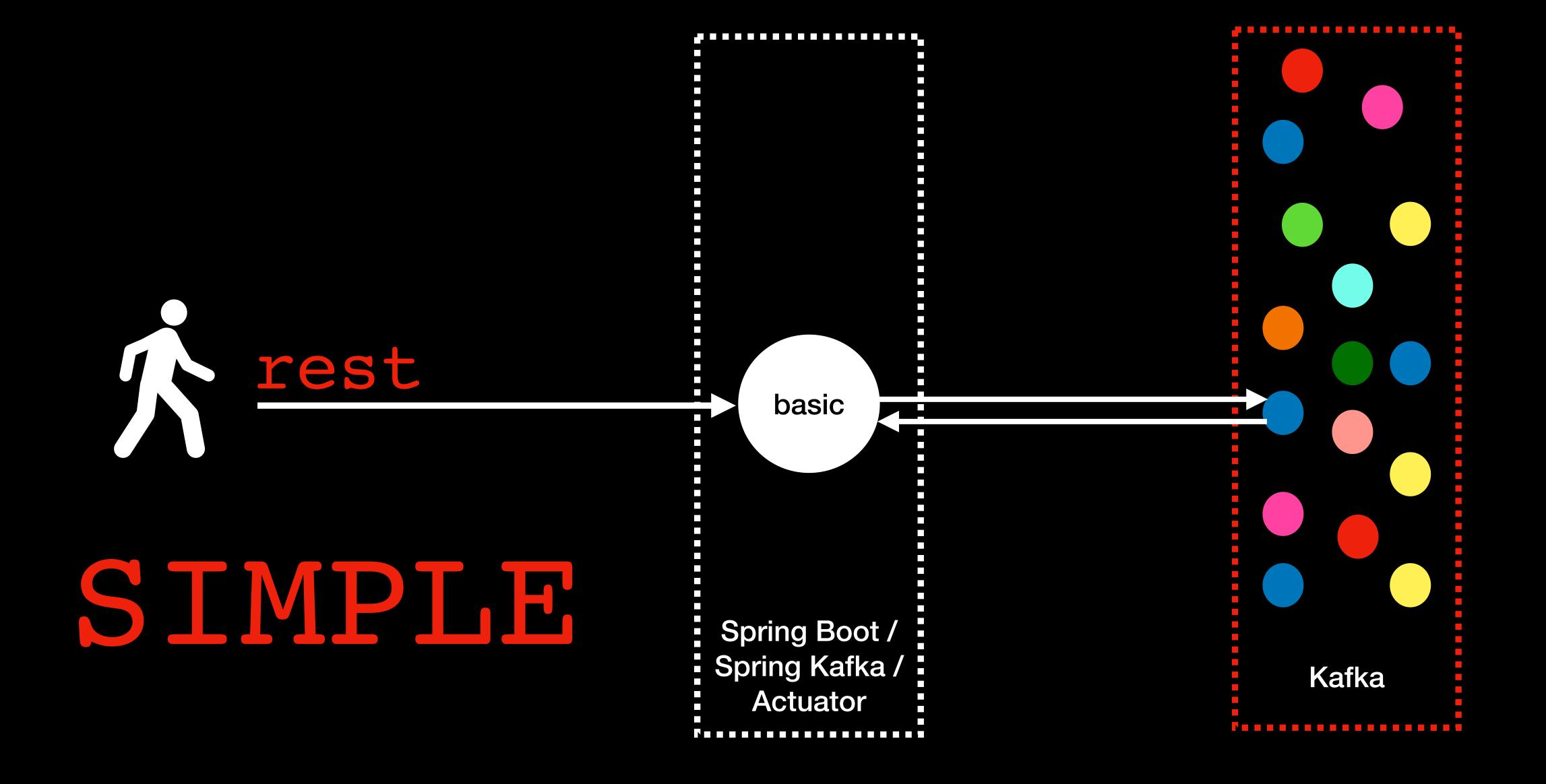
KAFKA is most useful with BIG DATA



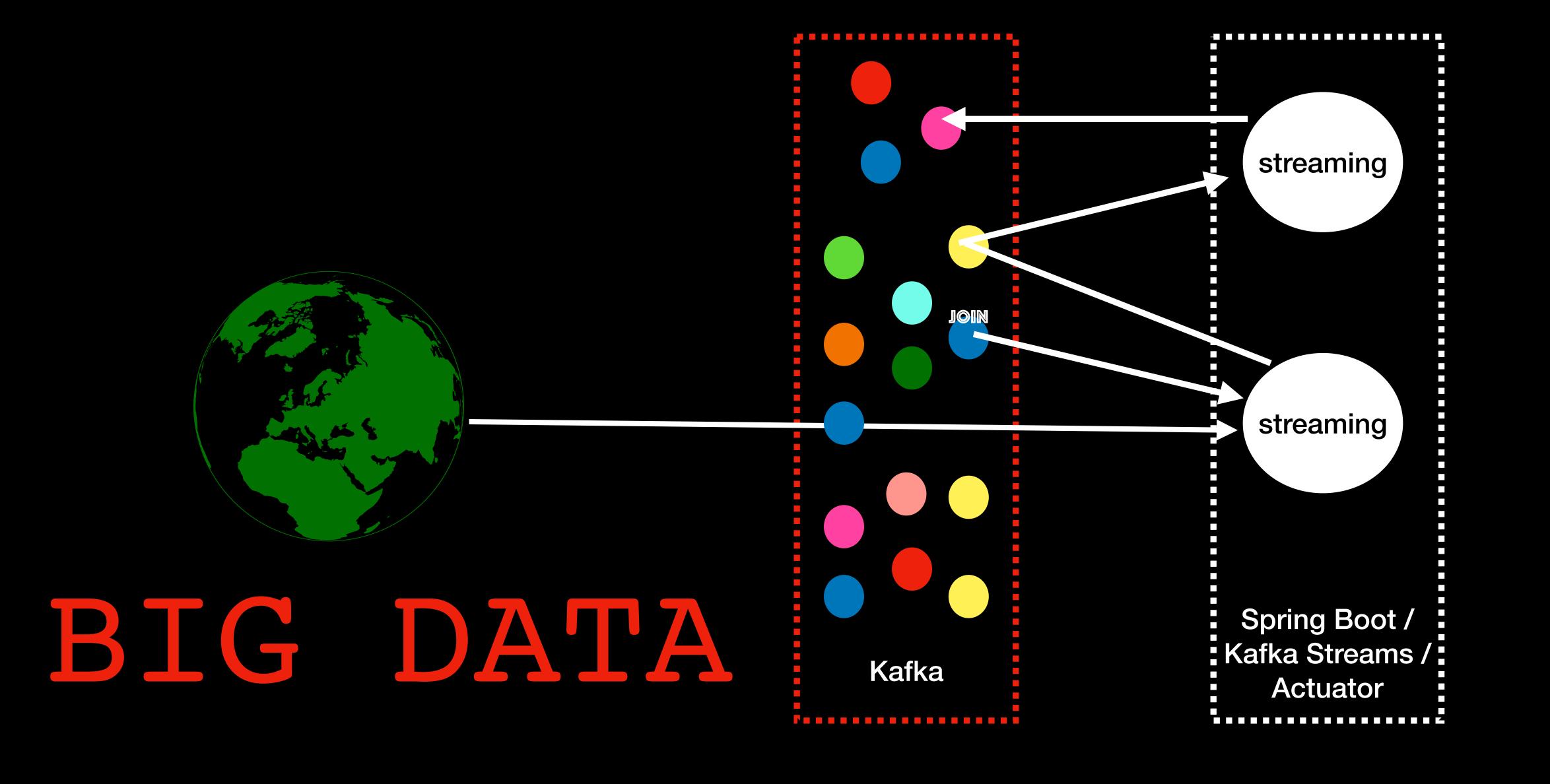


NIGHMARE

But when configured, 1t runs smoothly



SWEET DREAM



SWEET DREAMS? LET'S DISCOVER TOGETHER



You learned

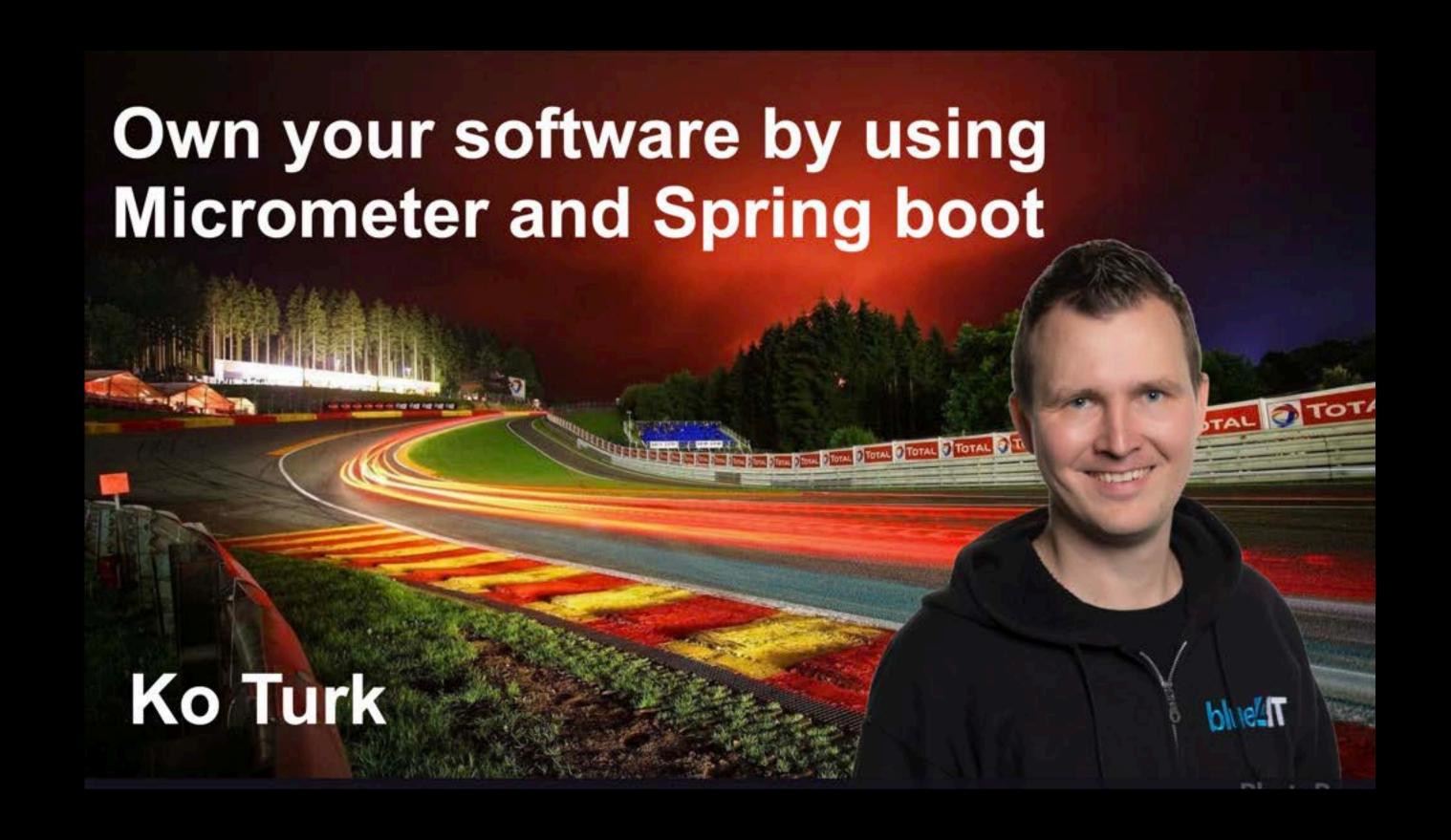
How to use:

- 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/



Slides + code (branch 'solution')
Follow me at Twitter: @KoTurk77



