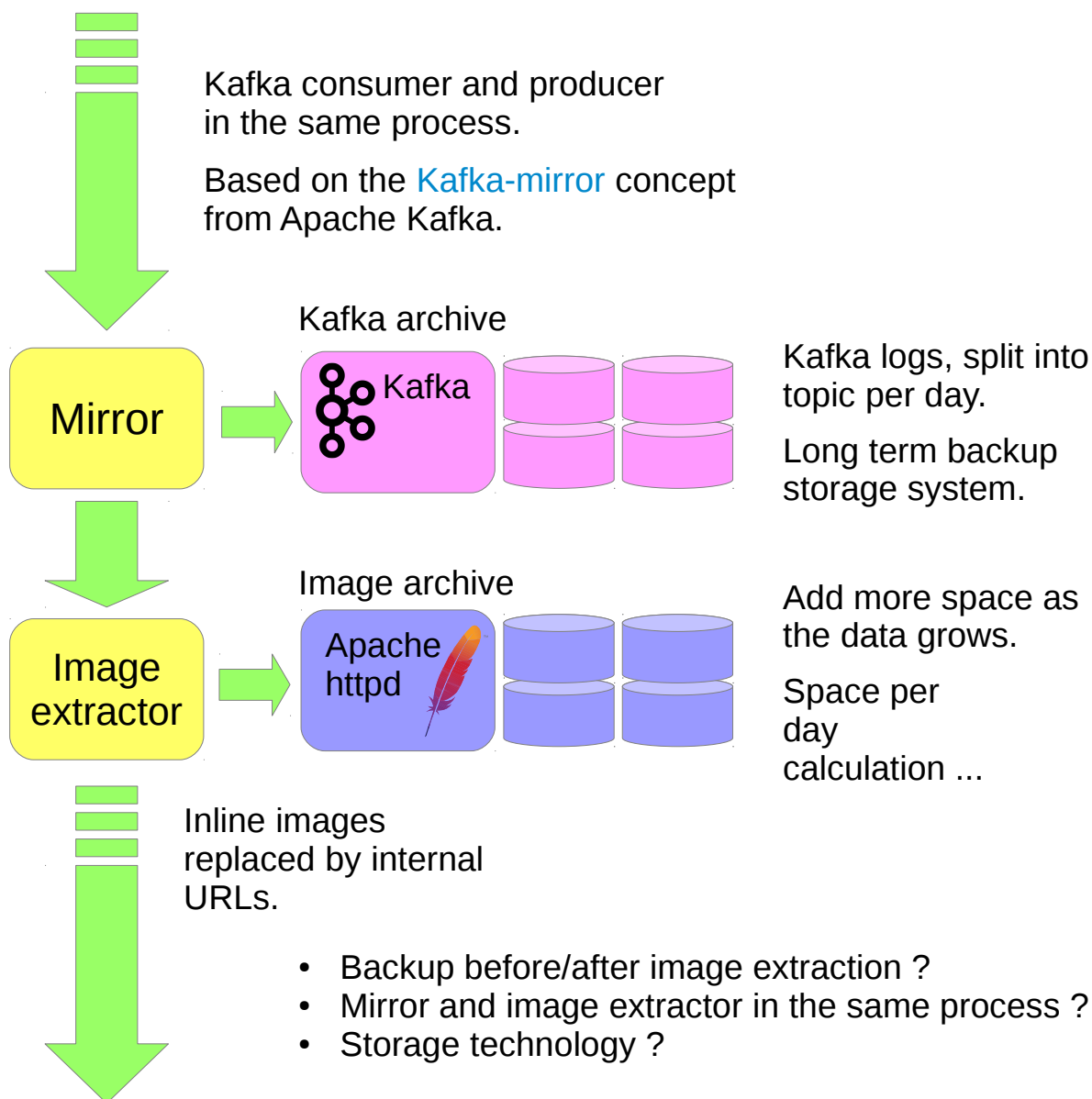
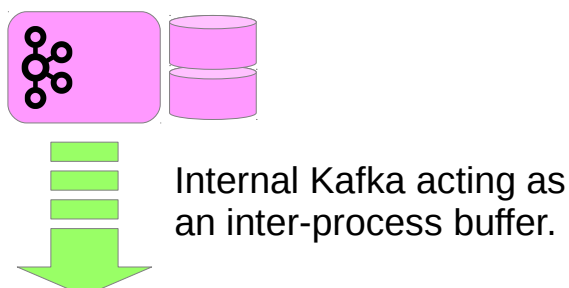


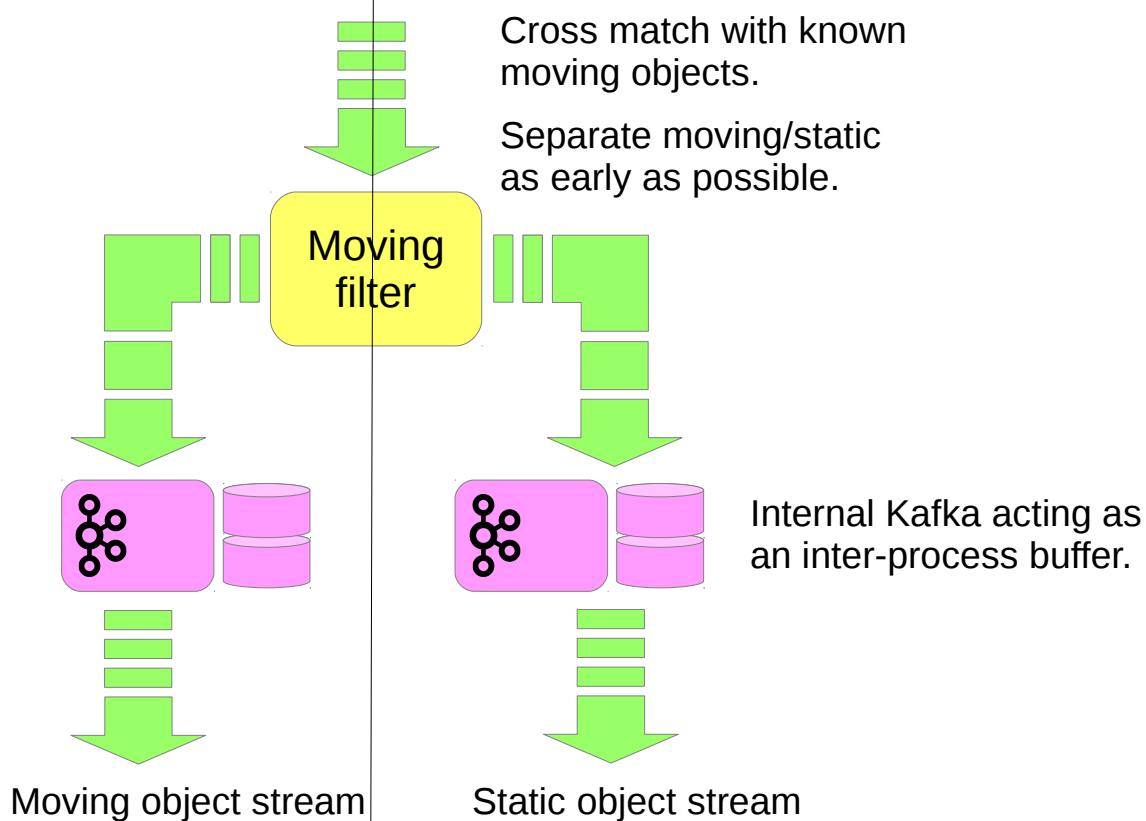
## External receiver



## Internal processing

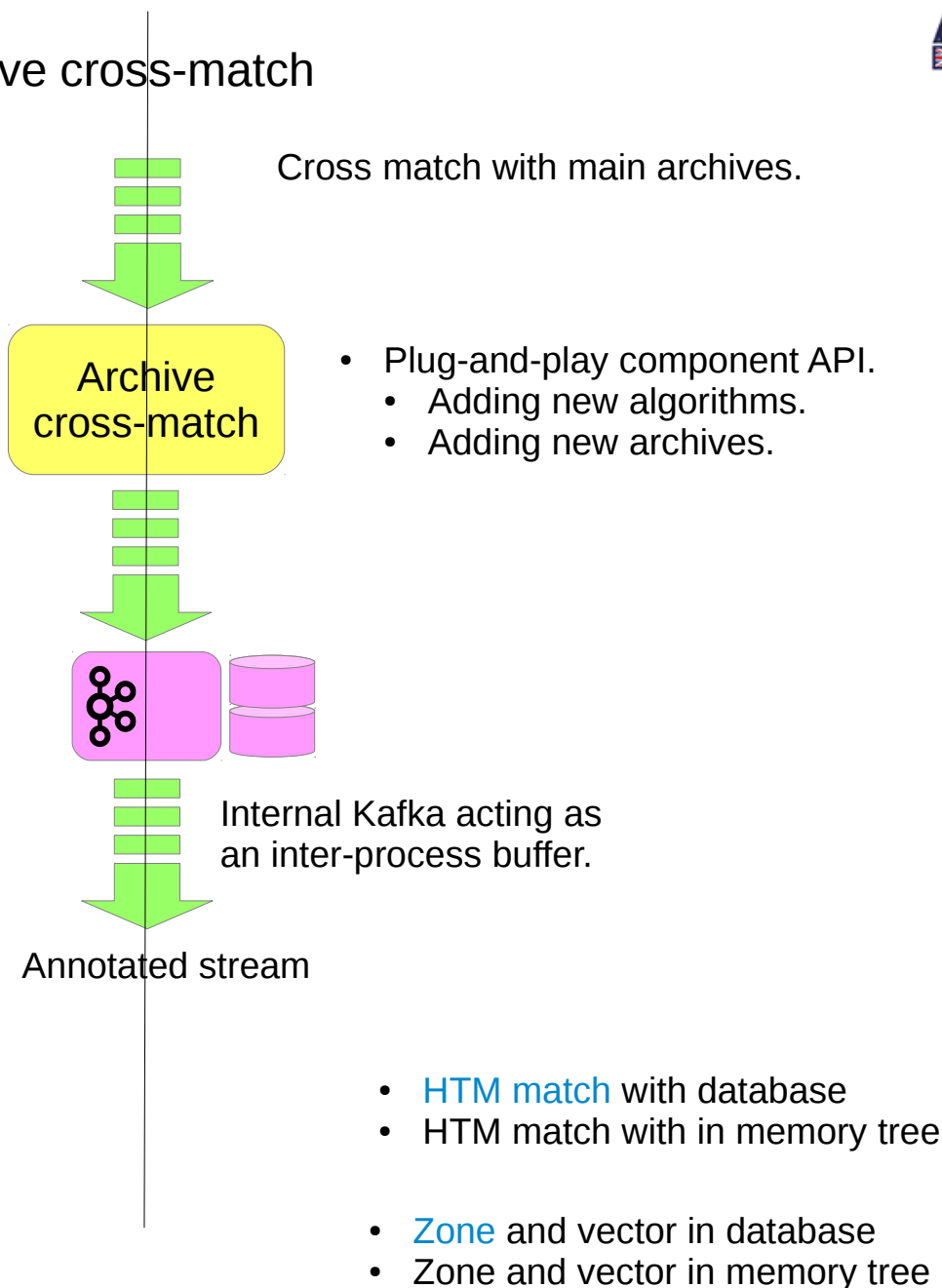


# Moving objects

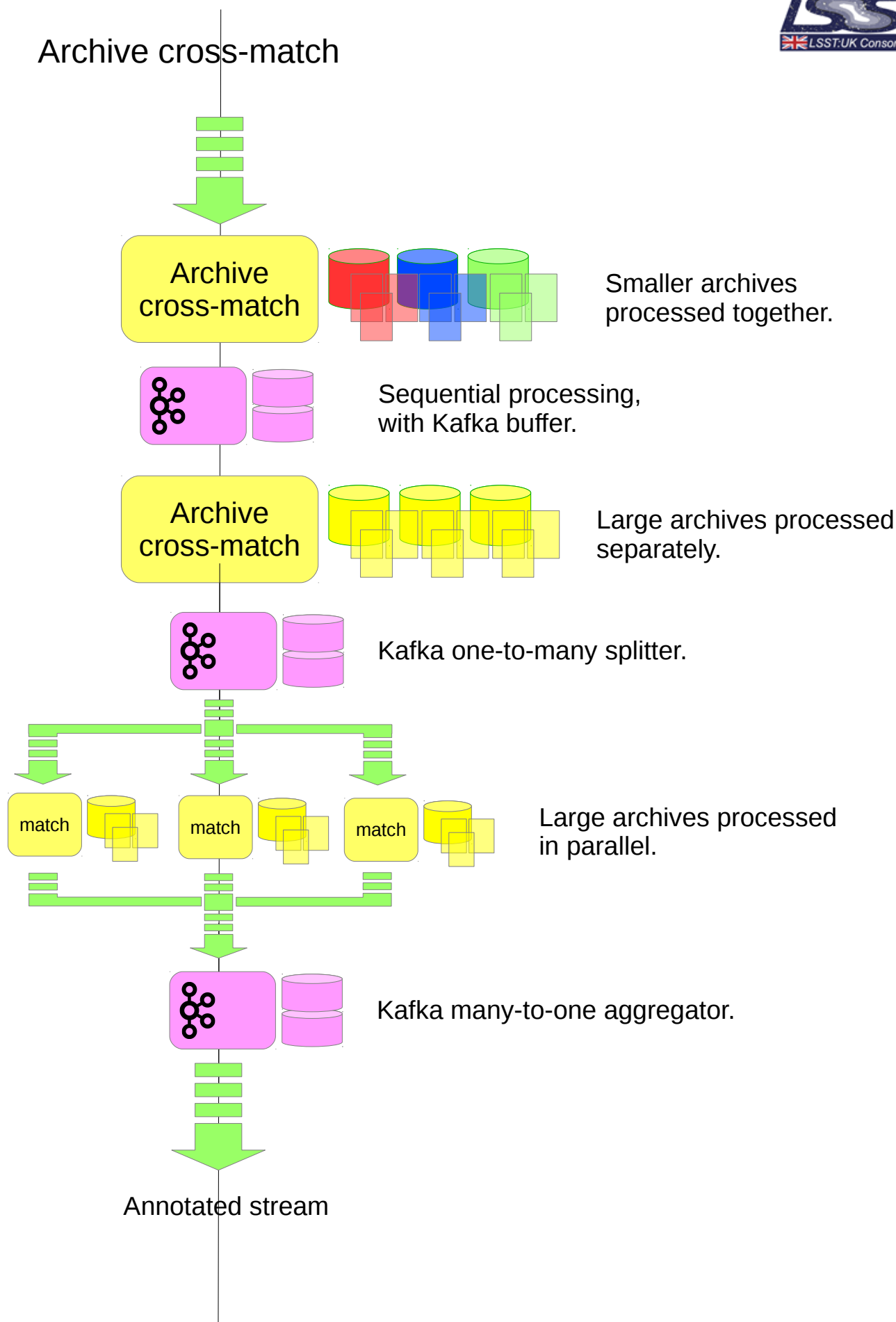


- Can we do this at the required data rate ?
- Are moving and non-moving objects handled separately ?
- Does it make sense to skip cross-match with static archives for moving objects ?

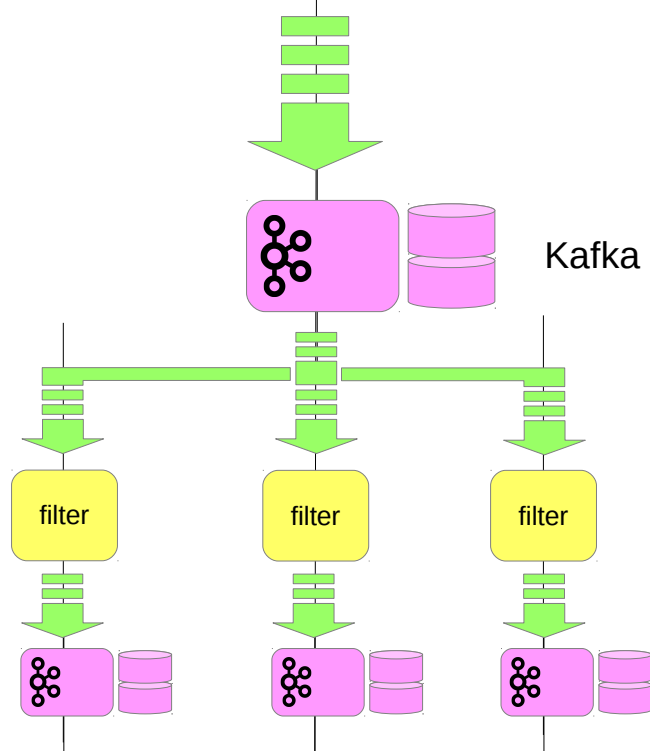
## Archive cross-match



# Archive cross-match



# Selective filtering

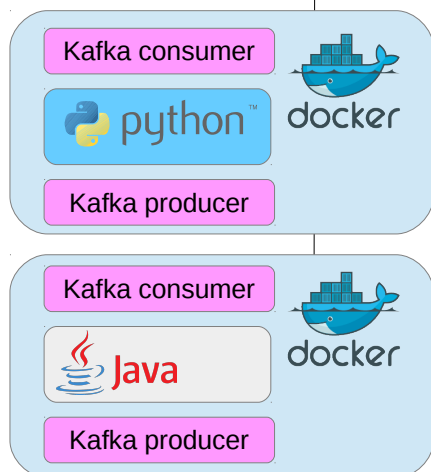


Kafka one-to-many splitter.

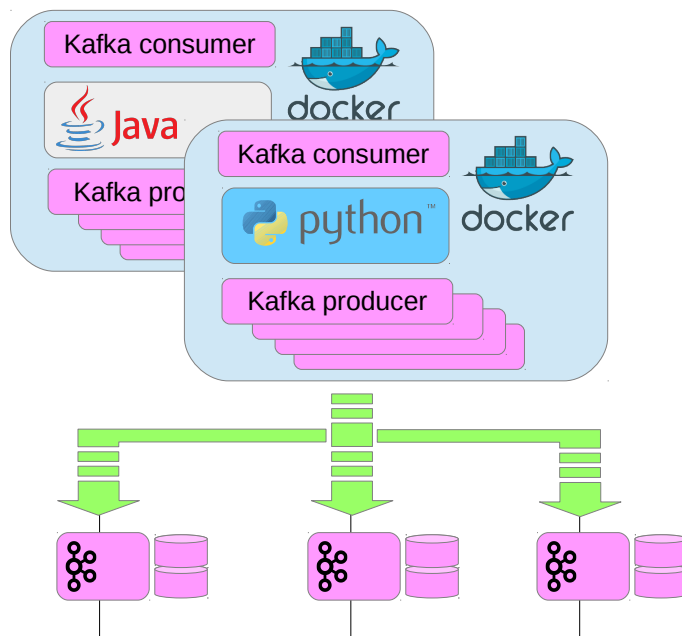
Filters create custom streams based on annotations.

- User defined code (Python).
- User defined code (Java).
- System filters (user = system).

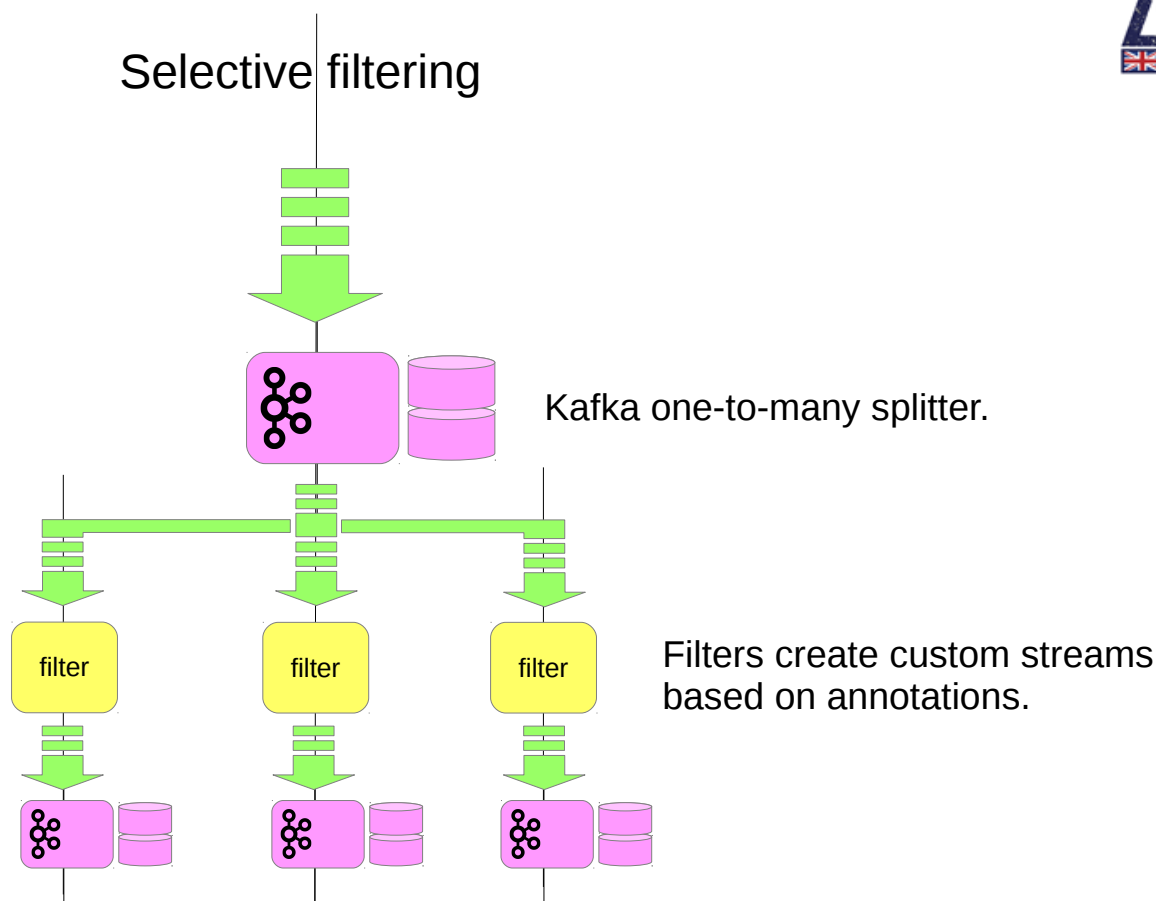
## Standard Docker containers



## Multiple output filters

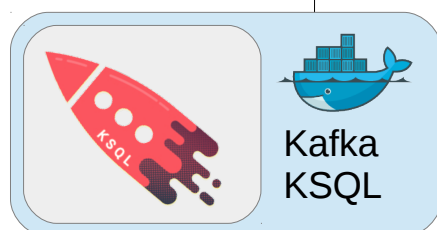


## Selective filtering



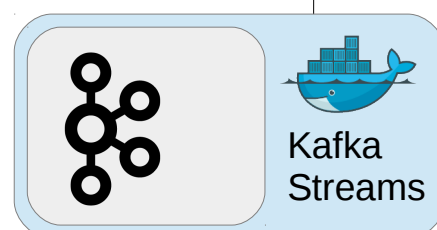
## KSQL

Streaming SQL for Kafka



## Kafka Streams

Data streaming with Kafka



## Kafka Connect

Connecting Kafka to things

