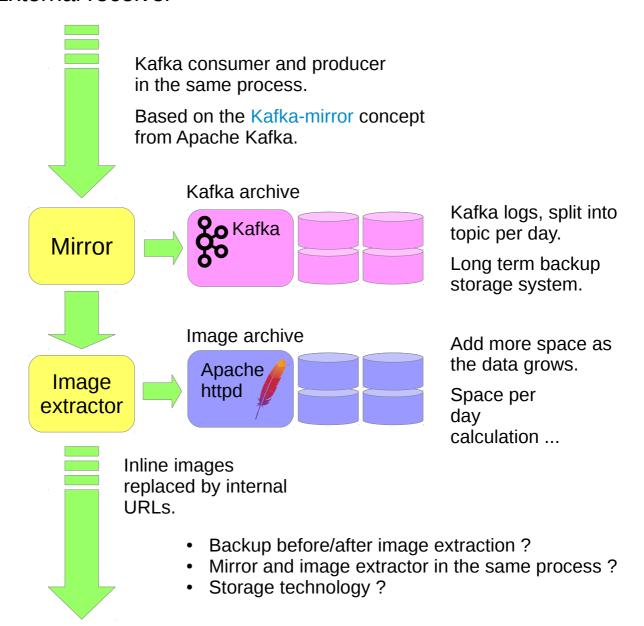


External receiver



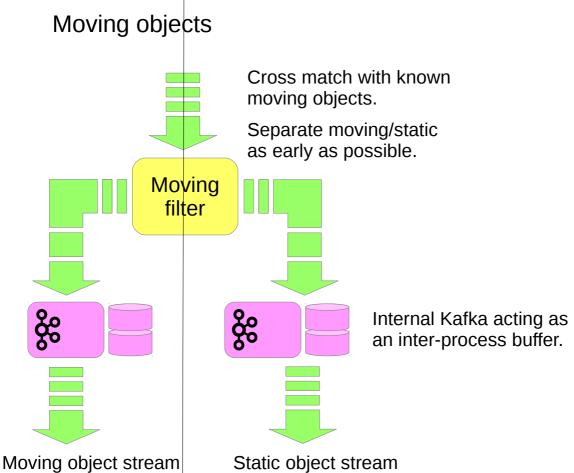
Internal processing











- 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

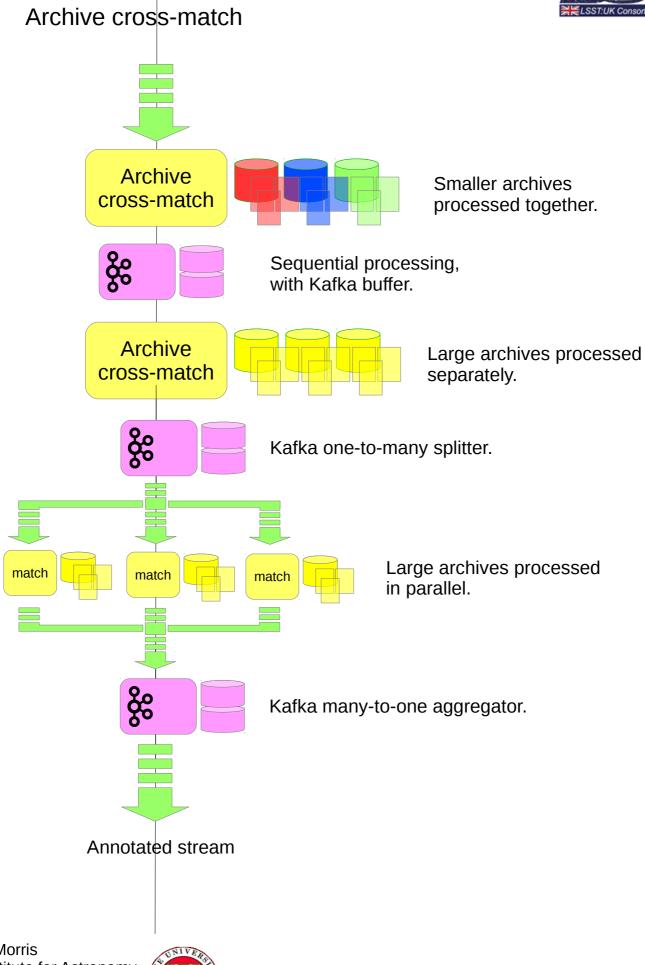
Plug-and-play component API.
Adding new algorithms.
Adding new archives.

Internal Kafka acting as an inter-process buffer.

Annotated stream

- HTM match with database
- · HTM match with in memory tree
- Zone and vector in database
- Zone and vector in memory tree

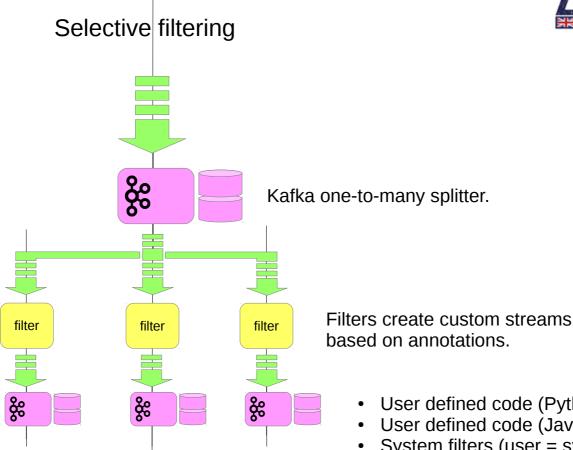




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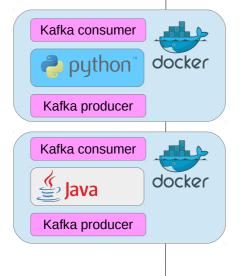




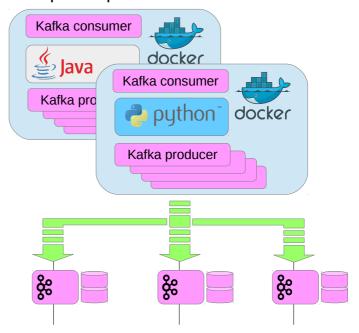


- User defined code (Python).
- User defined code (Java).
- System filters (user = system).





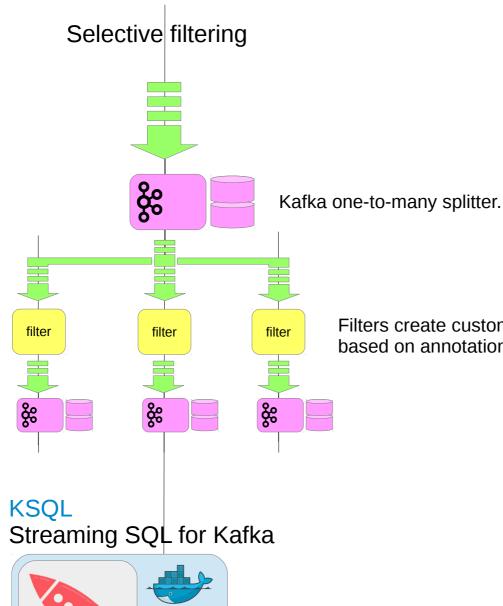
Multiple output filters



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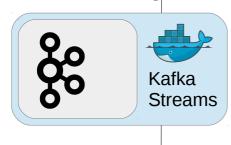


Filters create custom streams based on annotations.



Kafka Streams

Data streaming with Kafka



Kafka Connect

Connecting Kafka to things



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