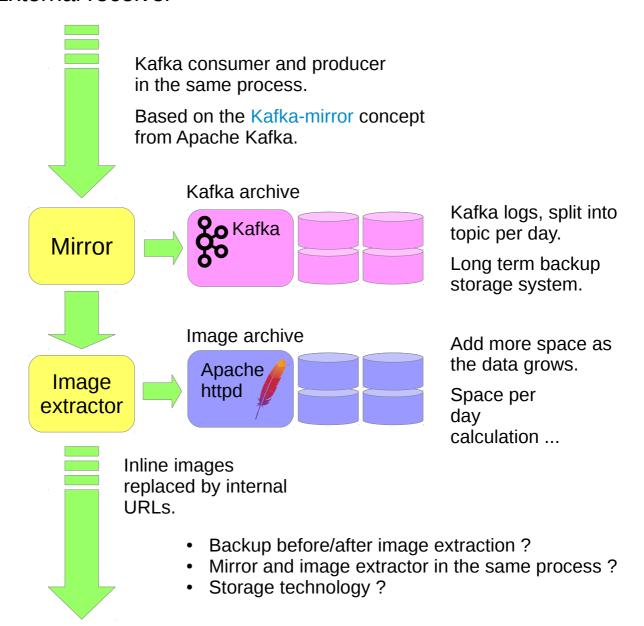


External receiver



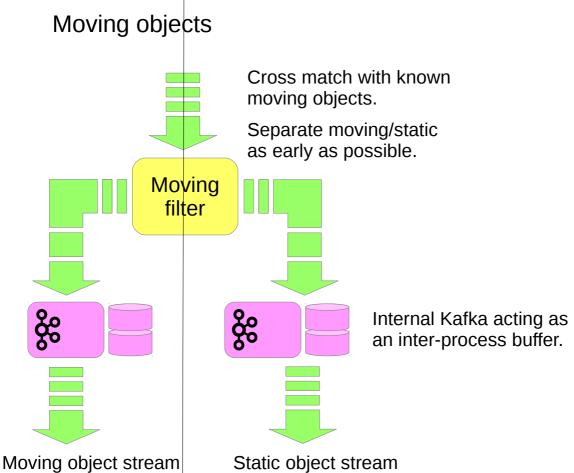
Internal processing











- 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

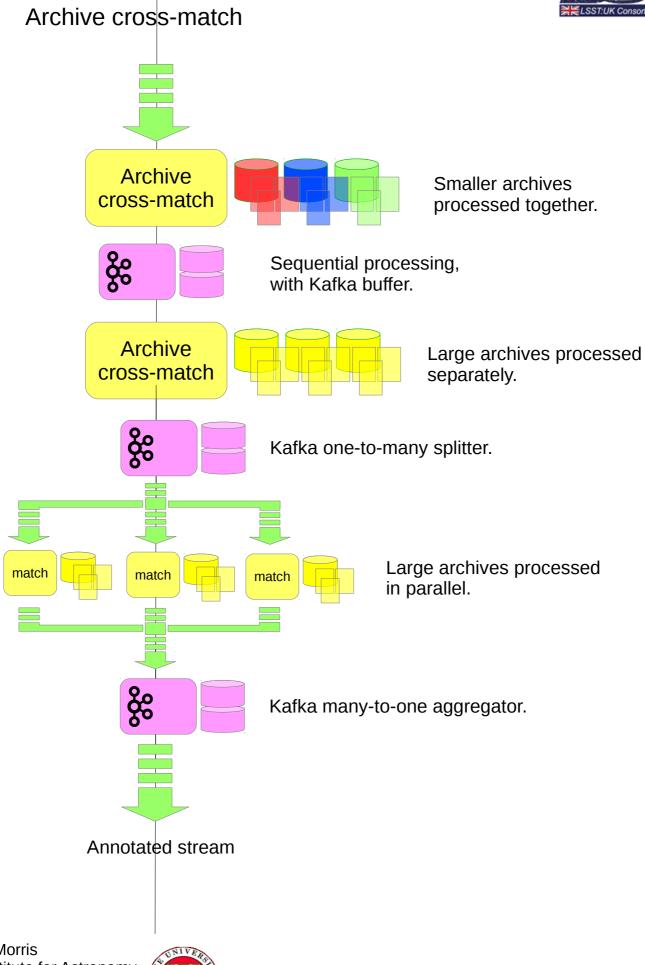
Plug-and-play component API.
Adding new algorithms.
Adding new archives.

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





D.Morris Institute for Astronomy, Edinburgh University May 2018



