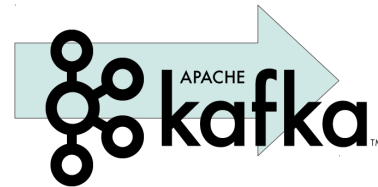
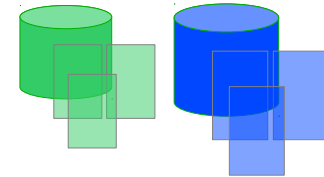


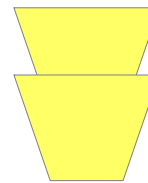
High data rate ($> 10^3$ Hz)



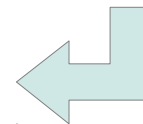
Kafka/Avro VOEvent



crossmatch
characterization
annotation



Filtering



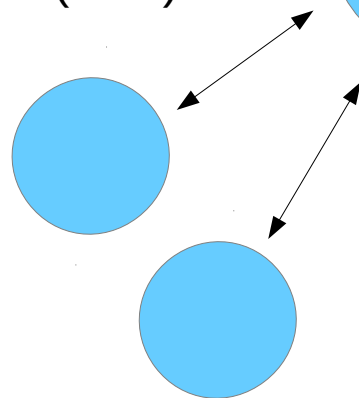
Broadcast as VOEvent

Low data rate (< 10 Hz)

VOEvent Transport Protocol (VTP)

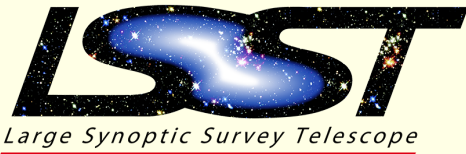
Rabbit MQ

Apache Kafka



Existing VOEvent
infrastructure
and community

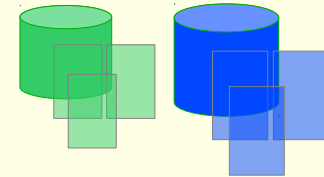
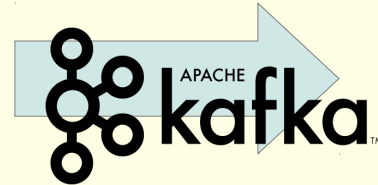




High data rate ($> 10^3$ Hz)

New experiments - 2020+

Kafka/Avro VOEvent



crossmatch
characterization
annotation



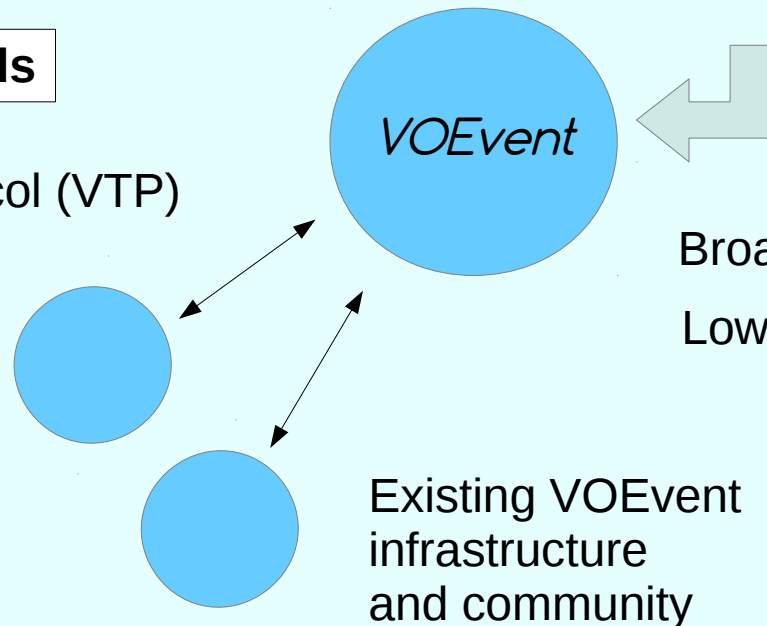
Filtering

IVOA VOEvent standards

VOEvent Transport Protocol (VTP)

Rabbit MQ

Apache Kafka



Broadcast as VOEvent

Low data rate (< 10 Hz)

Existing VOEvent
infrastructure
and community

