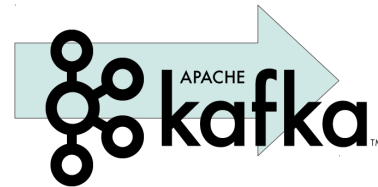
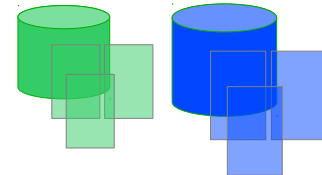


High data rate ($> 10^3$ Hz)

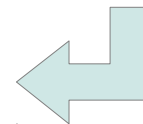


Kafka/Avro VOEvent



crossmatch
characterization
annotation

Filtering

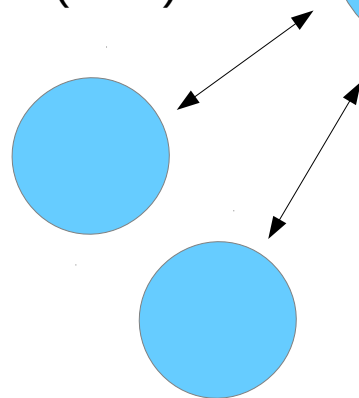


Broadcast as VOEvent
Low data rate (< 10 Hz)

VOEvent Transport Protocol (VTP)

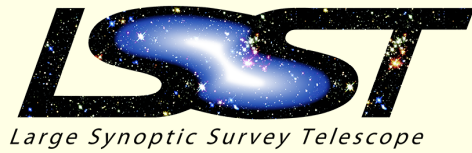
Rabbit MQ

Apache Kafka



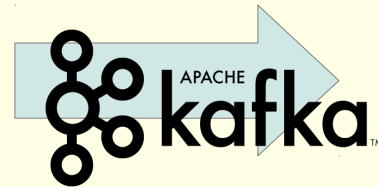
Existing VOEvent
infrastructure
and community



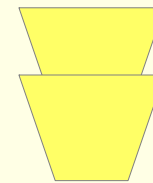


High data rate ($> 10^3$ Hz)

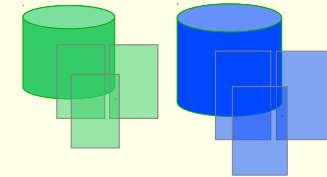
New experiments - 2020+



Kafka/Avro VOEvent



Filtering



crossmatch
characterization
annotation

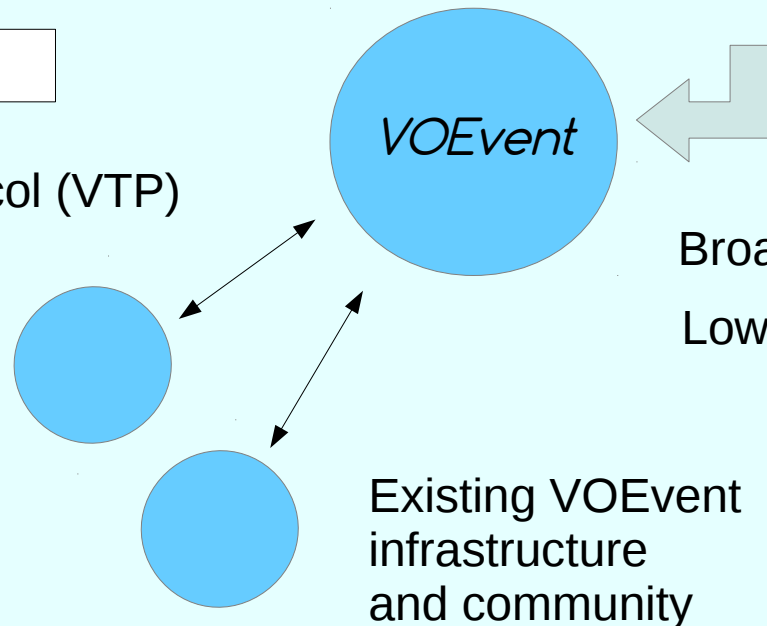


VOEvent 2.x standard

VOEvent Transport Protocol (VTP)

Rabbit MQ

Apache Kafka



Broadcast as VOEvent

Low data rate (< 10 Hz)

Existing VOEvent
infrastructure
and community

