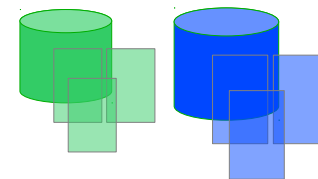
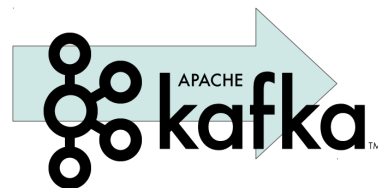
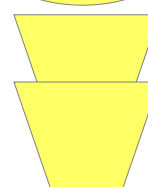


High data rate ($> 10^3$ Hz)

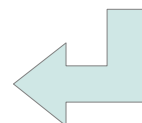
Kafka/Avro VOEvent



crossmatch
characterization
annotation



Filtering

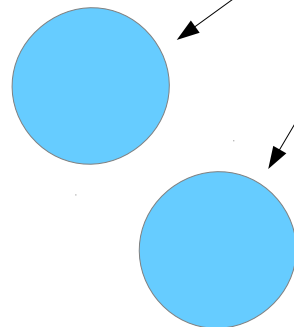


Broadcast as VOEvent
Low data rate (< 10 Hz)

VOEvent Transport Protocol (VTP)

Rabbit MQ

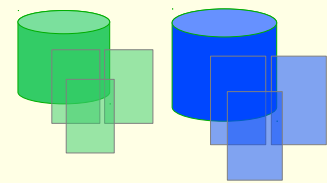
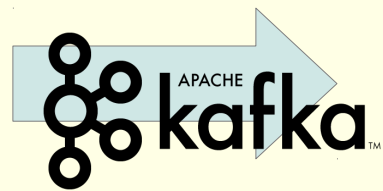
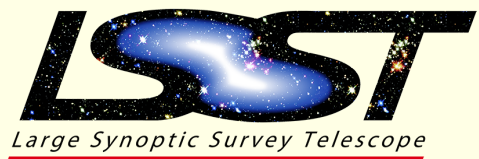
Apache Kafka



Existing VOEvent
infrastructure
and community



Kafka/Avro VOEvent



crossmatch
characterization
annotation

Filtering

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

New experiments - 2020+

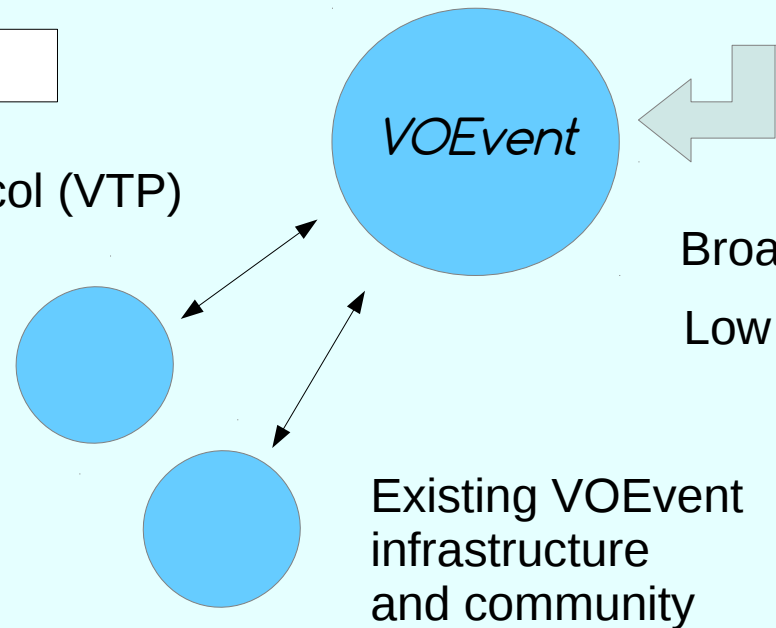
VOEvent 3.x ?

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

