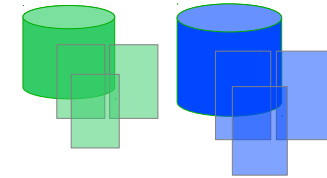
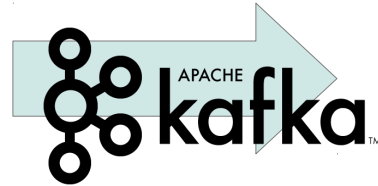


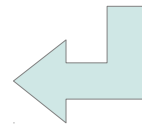
High data rate ($> 10^3$ Hz)

Kafka/Avro VOEvent



crossmatch
characterization
annotation

Filtering

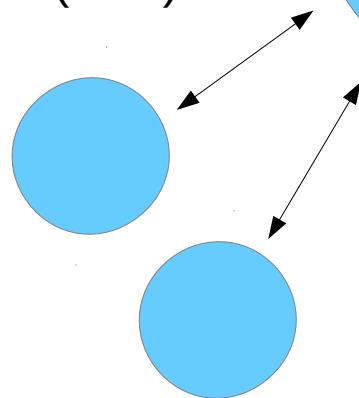


Broadcast as VOEvent
Low data rate (< 10 Hz)

VOEvent Transport Protocol (VTP)

Rabbit MQ

Apache Kafka

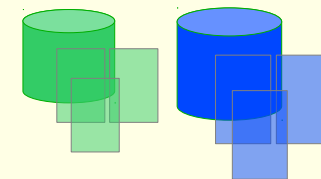
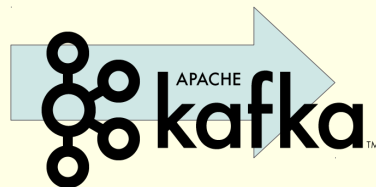
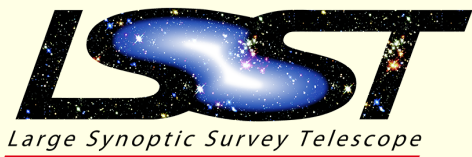


Existing VOEvent
infrastructure
and community





Kafka/Avro VOEvent



crossmatch
characterization
annotation

Filtering

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

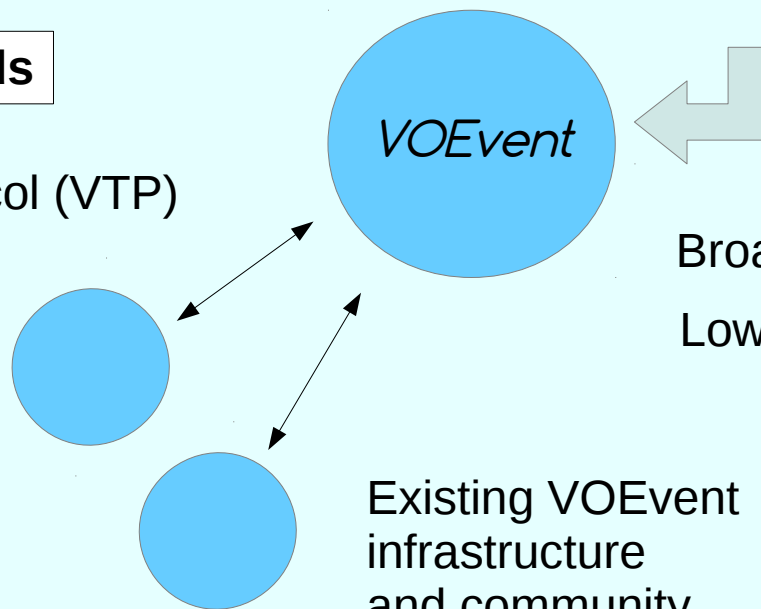
New experiments - 2020+

IVOA VOEvent standards

VOEvent Transport Protocol (VTP)

Rabbit MQ

Apache Kafka



Broadcast as VOEvent

Low data rate (< 10 Hz)

Existing VOEvent
infrastructure
and community

