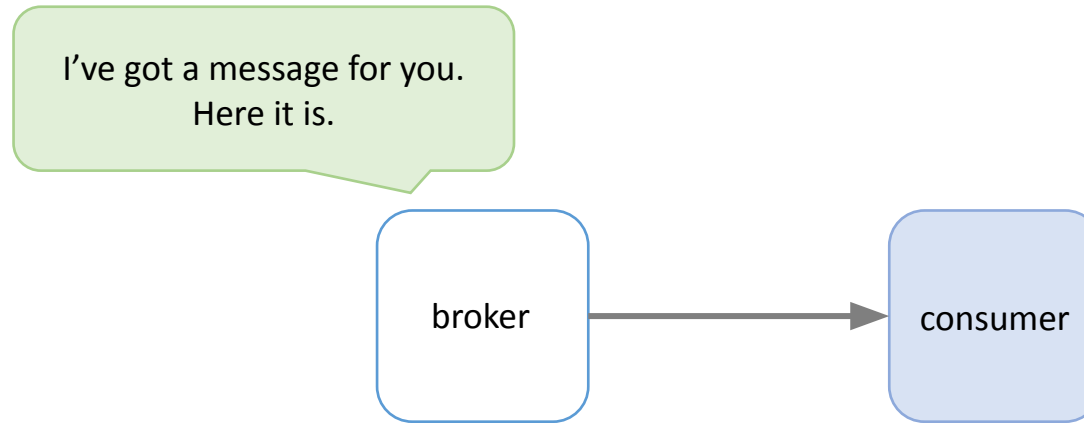
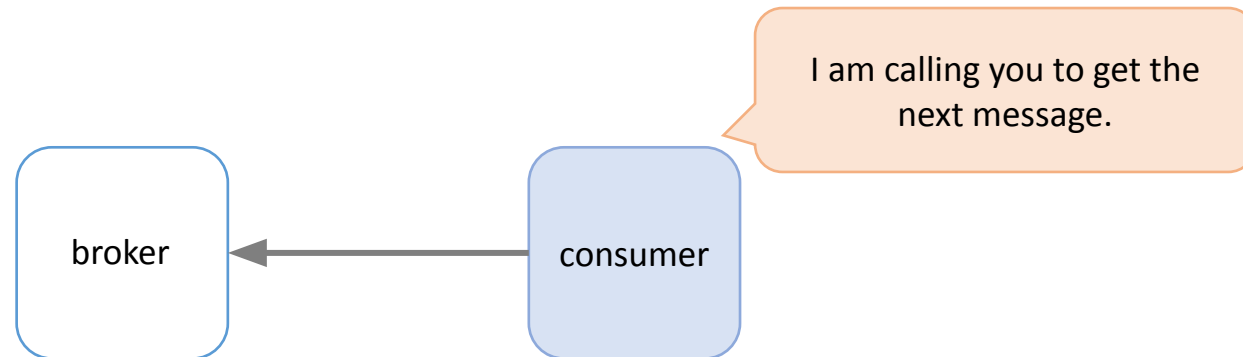


# Push vs pull

push



pull



# Push vs pull

## push

### pros

- optimized for latency
- client (consumer) is lightweight
- load balancing among competing consumers

### cons

- flow control
- broker logic is more complex

#### **push-based**

RabbitMQ, ActiveMQ

## pull

### pros

- optimized for throughput
- better suited for message replay

### cons

- polling in a tight loop
- client (consumer) logic is more complex

#### **pull-based**

Kafka, SQS