### High-level consumer API

Just wants to read data.

Doesn't care about tracking offsets

Stores last offset read per partition in zookeeper

Stored under the name provided to Kafka when started (ConsumerGroup)

ConsumerGroups must be unique across a Kafka cluster

Starting a new consumer process with the same ConsumerGroup name as an existing group will add the new process's threads to the list of eligible threads available to process the topic

If the existing process uses old logic, it's possible that the messages get processed with the wrong logic

Consumer groups can and should be used in a multithreaded manner

If a group contains more threads than there are partitions, some threads will never see a message

If there are more partitions than threads, some threads will receive messages from multiple partitions

Adding threads after a Consumer group has already started will cause Kafka to rebalance, possibly causing a partition to be assigned to a different thread

How does a consumer group get removed?

Manually have to remove the group

zkCli.sh...

rmr /consumers/foo

### SimpleConsumer

Requires more work to use

Keep track of offsets in your application