Producing

kafka.producer.Producer

wrapper for low level API’s

Low-level API’s

kafka.producer.SyncProducer

kafka.producer.async.AsyncProducer

kafka.serializer.Encoder

strategy for encoding data

kafka.serializer.DefaultEncoder

default no-op encoder

kafka.partitioner.Partitioner

strategy for routing message to a partition

Writing Messages to a topic

ProducerRecord

Represents a message to write

Optionally contains a key

All records having the same key are written to the same partition

Consumption

Simple API

SimpleConsumer

Higher-level API

ConsumerConnector

Doesn’t expose all functionality that Simple API does

Easier to use than SimpleConsumer

Message

Topic