**Kafka Word Count Scala**

1. Create topic wc\_input for input stream

bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic wc\_input

1. Create topic wc\_output for output stream

bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic wc\_output --config cleanup.policy=compact

1. Start a producer for input stream wc\_input

bin/kafka-console-producer.sh --broker-list localhost:9092 --topic wc\_input

1. Start a consumer for output stream wc\_output

bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic wc\_output --from-beginning --formatter kafka.tools.DefaultMessageFormatter --property print.key=true --property print.value=true --property key.deserializer=org.apache.kafka.common.serialization.StringDeserializer --property value.deserializer=org.apache.kafka.common.serialization.LongDeserializer

1. Start scala program which consumes wc\_input, does some transformations and publish data on wc\_output

java -jar <Your jar file name>

Reference:

* <https://kafka.apache.org/documentation/streams/>
* <https://kafka.apache.org/11/documentation/streams/quickstart>