KAFKA

 

<https://github.com/dilipsundarraj1/kafka-for-developers-using-spring-boot/blob/master/SetUpKafka3.md>

* Make sure you are inside the **bin/windows** directory.

**Start Zookeeper and Kafka Broker**

* Start up the Zookeeper.

zookeeper-server-start.bat ..\..\config\zookeeper.properties

* Start up the Kafka Broker.

kafka-server-start.bat ..\..\config\server.properties

## How to create a topic?

kafka-topics.bat --create --topic test-topic --bootstrap-server localhost:9092 --replication-factor 1 --partitions 4

## How to instantiate a Console Producer?

### Without Key

kafka-console-producer.bat --broker-list localhost:9092 --topic test-topic

### With Key

kafka-console-producer.bat --broker-list localhost:9092 --topic test-topic --property "key.separator=-" --property "parse.key=true"

## How to instantiate a Console Consumer?

### Without Key

kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic test-topic --from-beginning

### With Key

kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic test-topic --from-beginning -property "key.separator= - " --property "print.key=true"

### With Consumer Group

kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic test-topic --group <group-name>

## List the topics in a cluster

kafka-topics.bat --bootstrap-server localhost:9092 –list

## How to view consumer groups

kafka-consumer-groups.bat --bootstrap-server localhost:9092 --list