Start zookeeper

./bin/zookeeper-server-start.sh config/zookeeper.properties

Start kafka broker

./bin/kafka-server-start.sh config/server.properties

Create topic

./**bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic test**

Display topics

**./bin/kafka-topics.sh --zookeeper localhost:2181 --list**

Add messages from CLI

**./bin/kafka-console-producer.sh --broker-list localhost:9092 --topic test**

Read messages from CLI

./**bin/kafka-console-consumer.sh --zookeeper localhost:2181 --topic test --from-beginning**

Describe topics

./kafka-topics.sh --zookeeper localhost:2181 --describe

Topic:mike PartitionCount:2 ReplicationFactor:2 Configs:

Topic: mike Partition: 0 Leader: 1 Replicas: 1,3 Isr: 1,3

Topic: mike Partition: 1 Leader: 3 Replicas: 3,1 Isr: 3,1

Common issues

rror while executing topic command org.apache.zookeeper.KeeperException$NoNodeException: KeeperErrorCode = NoNode for /brokers/ids

org.I0Itec.zkclient.exception.ZkNoNodeException: org.apache.zookeeper.KeeperException$NoNodeException: KeeperErrorCode = NoNode for /brokers/ids

at org.I0Itec.zkclient.exception.ZkException.create(ZkException.java:47)

at org.I0Itec.zkclient.ZkClient.retryUntilConnected(ZkClient.java:685)

at org.I0Itec.zkclient.ZkClient.getChildren(ZkClient.java:413)

at org.I0Itec.zkclient.ZkClient.getChildren(ZkClient.java:409)

at kafka.utils.ZkUtils$.getChildren(ZkUtils.scala:462)

at kafka.utils.ZkUtils$.getSortedBrokerList(ZkUtils.scala:78)

at kafka.admin.AdminUtils$.createTopic(AdminUtils.scala:170)

at kafka.admin.TopicCommand$.createTopic(TopicCommand.scala:93)

at kafka.admin.TopicCommand$.main(TopicCommand.scala:55)

at kafka.admin.TopicCommand.main(TopicCommand.scala)

Caused by: org.apache.zookeeper.KeeperException$NoNodeException: KeeperErrorCode = NoNode for /brokers/ids

at org.apache.zookeeper.KeeperException.create(KeeperException.java:111)

at org.apache.zookeeper.KeeperException.create(KeeperException.java:51)

Reference

<http://kafka.apache.org/>