**Kafka For Windows:**

A diagram of a software system

Description automatically generated

**Download Kafka from Official website:**

<https://kafka.apache.org/downloads>

.trz file will be downloaded. Use winrar or extract twice the files.

place it in C drive.

**Set Environment Variables:**

In User Variables, select Path and Add new path like below.

C:\kafka\_2.13-3.6.1\bin\windows

**Note:**

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| As we already added path in environment variables. We can use below method too.   1. C:\kafka\_2.13-3.6.1>*.\bin\windows\kafka-topics.bat --list --bootstrap-server localhost:9092*   (or)   1. C:\kafka\_2.13-3.6.1>*kafka-topics.bat --list --bootstrap-server localhost:9092* |

**Start Zookeeper:**

C:\kafka\_2.13-3.6.1>*.\bin\windows\zookeeper-server-start.bat config\zookeeper.properties*

**Start Kafka Server:**

C:\kafka\_2.13-3.6.1>.\bin\windows\kafka-server-start.bat config\server.properties

**Start Kafka Console Producer:**

C:\kafka\_2.13-3.6.1>*.\bin\windows\kafka-console-producer.bat --bootstrap-server localhost:9092 --topic test1*

>Hello

>Saikiran

>HRU

**Start Kafka Console Consumer:**

C:\kafka\_2.13-3.6.1>*.\bin\windows\kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic test1 --from-beginning*

Hello

Saikiran

HRU

**Topic Commands:**

**List Topics:**

C:\kafka\_2.13-3.6.1>*.\bin\windows\kafka-topics.bat --list --bootstrap-server localhost:9092*

\_\_consumer\_offsets

test

test1

|  |
| --- |
| **Note:**  \_\_consumer\_offsets **behaves like a bookmark**for the consumer to start reading the messages from the point it left off.  \_\_consumer\_offsets is the topic which was **auto-created** for us, which takes care of **maintaining the consumer offsets** for us. |

**Create Topic:**

C:\kafka\_2.13-3.6.1>*.\bin\windows\kafka-topics.bat --create -topic orderdemo --partitions 2 --bootstrap-server localhost:9092*

Created topic orderdemo.

**Key, Value:**

C:\kafka\_2.13-3.6.1\bin\windows>kafka-console-producer.bat --bootstrap-server localhost:9092 --topic input-words --property key.separator=: --property parse.key=true

C:\kafka\_2.13-3.6.1\bin\windows>kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic input-words --property print.key=true --from-beginning