

Kafka Installation Steps

Step-1: Download zookeeper url(<http://zookeeper.apache.org/releases.html>)

Download kafka url(<http://kafka.apache.org/downloads.html>)

Step-2: Extract downloaded files

To extract .tar.gz, .tgz, .gz on windows

- open command prompt run as administrator option

- Type command:

tar -xvzf C:\PATH\TO\FILE\FILE-NAME.tar.gz -C

C:\PATH\TO\FOLDER\EXTRACTION

- press enter

Zookeeper Setup:-

- Go to Zookeeper config directory **C:\zookeeper-3.4.7\conf**

- rename file **zoo_sapmle.cfg** to **zoo.cfg**

- Find name edit to **dataDir=/tmp/zookeeper** to **C:\zookeeper-3.4.7\data**(create folder data)

- Add '**ZOOKEEPER_HOME**' to the System Variables.

- Edit the System Variable named "Path" and add **%ZOOKEEPER_HOME%\bin**

- Run zookeeper by opening new cmd and type **zkserver**

Kafka Setup:-

- Go to your Kafka config directory. For me its **C:\kafka_2.11-0.9.0.0\config**

- Edit the file "**server.properties**."

- Find and edit the line **log.dirs=/tmp/kafka-logs** to

"log.dir=C:\kafka_2.11-0.9.0.0\kafka-logs"(create folder kafka-logs)

Running Kafka Server:-

- Go to your Kafka installation directory

- open cmd here

- Run command:

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

Creating Topics:-

- Open a new command prompt in the location **C:\kafka_2.11-0.9.0.0\bin\windows**

- Run command:

kafka-topics.bat --create --bootstrap-server localhost:9092

--replication-factor 1 --partitions 1 --topic test

To check topic list:-

- Run command:

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

Creating a producer and Consumer:-

- Open a new command prompt in the location **C:\kafka_2.11-0.9.0.0\bin\windows**
- To start a producer type the following command:

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

- Open a new command prompt in the location **C:\kafka_2.11-0.9.0.0\bin\windows**
- To start a consumer type the following command:

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

--from-beginning