

Kafka Console Consumer

In this section, the users will learn how a consumer consumes or reads the messages from the Kafka topics.

There are following steps taken by the consumer to consume the messages from the topic:

Step 1: Start the zookeeper as well as the kafka server initially.

Step2: Type the command: '**kafka-console-consumer**' on the command line. This will help the user to read the data from the Kafka topic and output it to the standard outputs.

The highlighted text represents that a 'bootstrap-server' is required for the consumer to get connected to the Kafka topics. Also, a 'topic_id' is required to know from which topic the consumer will read the messages.

Step3: After knowing all the requirements, try to consume a message from a topic using the command:

'kafka-console-consumer -bootstrap-server localhost:9092 -topic <topic_name>'. Press enter.

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

Reading whole messages

Apache Kafka allows to produce millions of messages. Sometimes, a consumer may require to read whole messages from a particular topic.

To do so, use '**-from-beginning**' command with the above kafka console consumer command as:

'kafka-console-consumer.bat -bootstrap-server 127.0.0.1:9092 -topic myfirst -from-beginning'. This command tells the Kafka topic to allow the consumer to read all the messages from the beginning(i.e., from the time when the consumer was inactive).

