

Sending data to Kafka Topics

Kafka Console Producer

In order to send data to the Kafka topic, a producer is required. The role of the producer is to send or write data/messages to the Kafka topics.

There are following steps used to launch a producer:

Step1: Start the zookeeper as well as the kafka server.

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

The highlighted text represents that a '**broker-list**' and a '**topic id**' is required to produce a message. It is because a producer must know the id of the topic to which the data is to be written.

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

'**kafka-console-producer -broker-list localhost:9092 -topic <topic_name>**'. Press enter.

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

Note: Choose '.bat' or '.sh' as per the operating system.

Step4: Press 'Ctrl+c' and exist by pressing the 'Y' key.

So, in this way, a producer can produce/send several messages to the Kafka topics.

Note: Here, 9092 is the port number of the Kafka server.