

Kafka Stream

Wednesday, 31 July 2024

7:50 PM

Download the tar file and use below command

```
tar -zxvf confluent-7.6.2.tar
```

1. Set the path variable in .ZSHRC file located in your home directory to the path using below command. We need to specify the path where confluence is installed.

```
export PATH=
```

```
$PATH:/Users/sampath_gowda/Documents/confluent-7.
```

- ## 2. Start the service using following command

Confluent local services start

Confluent local services stop

Once services are started it will show below s

```
sampath_gowda@EPINBANW01E6 ~ %  
sampath_gowda@EPINBANW01E6 ~ % confluent local services start  
The local commands are intended for a single-node development environment only, NOT for production usage. See more: https://docs.confluent.io/current/cli/index.html  
As of Confluent Platform 8.0, Java 8 will no longer be supported.
```

Using CONFLUENT_CURRENT: /var/folders/3n/q51268dd3xj5w9cytx9kpz0c0000gn/T/confluent.623655

```
Starting ZooKeeper
ZooKeeper is [UP]
Starting Kafka
Kafka is [UP]
Starting Schema Registry
Schema Registry is [UP]
Starting Kafka REST
Kafka REST is [UP]
Starting Connect
Connect is [UP]
Starting ksqldb Server
ksqldb Server is [UP]
Starting Control Center
Control Center is [UP]
sampath_gowda@EPINBANW01E6 ~ % ps -eaf | grep kafka
```

Kafka has console producer and consumer tool. Using this we can send and receive the messages for testing. Below is the command to create the topic and you need to be in bin directory.

```
kafka-topics --create --topic test --partitions 1 --replication-factor 1 --bootstrap.servers localhost:9092
```

Below command to send file to topic

```
kafka-console-producer --topic test --broker-list localhost:9092
```

```
< /Users/sampath_gowda/Downloads/HDFCCancelCheque.pdf
```

Below command for consumer to read file

```
kafka-console-consumer --topic hello-producer-topic --bootstrap-server localhost:9092
```

```
zookeeper-server-start ../etc/kafka/zookeeper.properties
```

```
zookeeper-server-stop /Users/sampath_gowda/Documents/confluent-7.6.2/etc/kafka/zookee
```

in your home
the path

6.2/bin

screen

the message for
copy
ap-server

092 --from-beginning

eper.properties

```
kafka-server-start ../etc/kafka/server.properties
```

List the topic in Kafka server

```
kafka-topics --list --bootstrap-server localhost:9092
```

Command to create the topic

```
kafka-topics --create --topic HelloProducer --partitions 5 --replication-factor 3 --bootstrap-server localhost:9092
```

Create the topic with min insync replcias

```
kafka-topics --create --topic hello-producer-1 --partitions 5 --replication-factor 3 min-insync-replicas=2 --bootstrap-server localhost:9092
```

Delete the topic in Kafka cluster

```
kafka-topics --bootstrap-server localhost:9092 --delete --topic hello-producer-1
```

Command to start the Zookeeper and kafka brokers

```
kafka-server-start ../etc/kafka/server.properties , Here we need to provide different properties for Zookeeper and Kafka
```

localhost:9092

2 --bootstrap-server

ent server properties