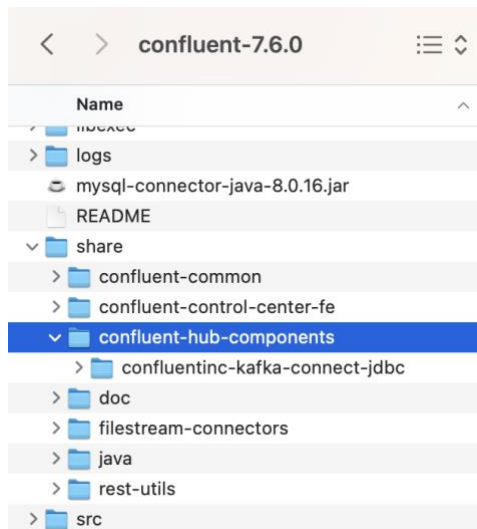
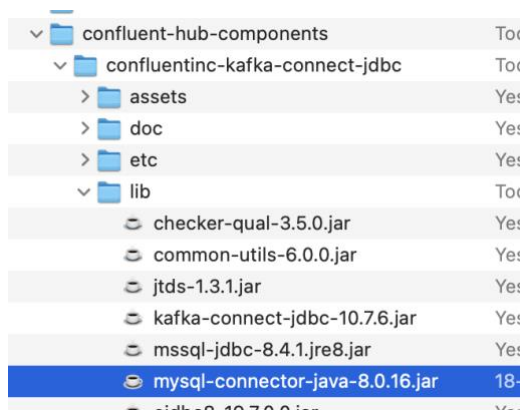


1. Download zip or use confluent-hub to install the connector
https://www.confluent.io/hub/confluentinc/kafka-connect-jdbc?_ga=2.148215221.387252862.1712126926-74186269.1712126926&_gac=1.50274004.1712244842.Cj0KCOjwn7mwBhCiARIsAGoxjaLReIWgmGiYBrkHEGUzHFlehkWgsP0exJOWGuoBzKpE0DijQYKlvYaAmnxEALw_wcB&_gl=1*_l6masp*_ga*NzQxODYyNjkuMTcxMjEyNjkyNg..*_ga_D2D3EGKSGD*MTcxMjI4ODM1My4xOC4wLjE3MTIyODgzNTMuNjAuMC4w
2. If downloading manually then add folder confluent-hub-components within share folder of confluent and paste the connector after unzipping in this folder



3. Paste the mysql jar within the lib folder of confluentinc-kafka-connect-jdbc



4. Open etc/kafka/connect-distributed.properties and update property plugin.path to point to this connector
plugin.path=/usr/share/java,/Users/Shalini/Desktop/KafkaTraining/software/confluent-7.6.0/share/confluent-hub-components/
5. Start mysql, zookeeper, 3 brokers.
6. Start kafka connect as follows:
\$KAFKA_HOME/bin/connect-distributed \$KAFKA_HOME/etc/kafka/connect-distributed.properties
7. Create a database kafka and a table with the name test having 2 columns
 - a. id[Auto-increment]
 - b. name
8. Create a connector file with the name mysql-order-connector.json as follows:

NOTE: PLEASE CHANGE DB CONNECTION PARAMETERS TO MATCH YOURS

```
{
  "name": "jdbc-source-connector",
  "config": {
    "connector.class": "io.confluent.connect.jdbc.JdbcSourceConnector",
    "connection.url": "jdbc:mysql://localhost:8889/kafka?useSSL=false",
```

```

    "connection.user": "root",
    "connection.password": "root",
    "mode": "incrementing",
    "incrementing.column.name": "id",
    "tasks.max": 3,
    "topic.prefix": "topic-",
    "table.whitelist": "test",
    "catalog.pattern": "kafka",
    "validate.non.null": false,
    "key.converter": "org.apache.kafka.connect.json.JsonConverter",
    "value.converter": "org.apache.kafka.connect.json.JsonConverter"
  }
}

```

9. Kafka connect runs on port 8083. Execute below command either using curl or postman to post this json file for kafka connect to connect with mysql database.

Run below command from the path where the json file was created

curl -X POST -H "Content-Type: application/json" --data @mysql-order-connector.json <http://localhost:8083/connectors>

10. Use --list to see the list of topics. Topic-test would have been created
11. Create a consumer to listen on this topic and add data in table test. Kafka connect gets the inserted data and stores in topic which consumer consumes in real time