

安装zk

```
docker run -d -it --rm --name zookeeper -p 2181:2181 -p 2888:2888 -p 3888:3888 debezium/zookeeper
docker run -d --name zookeeper -p 2181:2181 -p 2888:2888 -p 3888:3888 debezium/zookeeper
```

安装kafka

```
docker run -d -it --rm --name kafka -p 9092:9092 --link zookeeper:zookeeper debezium/kafka
docker run -d --name kafka -p 9092:9092 -e KAFKA_ADVERTISED_LISTENERS=PLAINTEXT://192.168.60.128:9092 -e KAFKA_LISTENERS=PLAINTEXT://0.0.0.0:9092 --link zookeeper:zookeeper debezium/kafka
创建topic:test

查看当前的所有topic
sh kafka-topics.sh --list --zookeeper 192.168.60.128:2181
创建topic
kafka-topics.sh --create --zookeeper 192.168.60.128:2181 --replication-factor 1 --partitions 1 --topic test
模拟客户端去发送消息
sh kafka-console-producer.sh --broker-list 192.168.60.128:9092 --topic HELLO_TOPIC
模拟客户端去接受消息
sh kafka-console-consumer.sh --zookeeper 192.168.60.128:2181 --topic test --from-beginning
```

安装pg

```
docker run -d -it --rm --name database -p 5433:5432 -e POSTGRES_PASSWORD=debeziun -d debezium/example-postgres
docker run -d --name database -p 5433:5432 -e POSTGRES_PASSWORD=debeziun -d debezium/example-postgres
```

安装connect

```
docker run -d --rm --name connect -p 8083:8083 -e GROUP_ID=1 -e CONFIG_STORAGE_TOPIC=my_connect_configs -e OFFSET_STORAGE_TOPIC=my_connect_offsets -e STATUS_STORAGE_TOPIC=my_connect_statuses --link zookeeper:zookeeper --link kafka:kafka --link database:database debezium/connect
```

```
docker run -d --name connect -p 8083:8083 -e GROUP_ID=1 -e CONFIG_STORAGE_TOPIC=my_connect_configs -e OFFSET_STORAGE_TOPIC=my_connect_offsets -e STATUS_STORAGE_TOPIC=my_connect_statuses --link zookeeper:zookeeper --link kafka:kafka --link database:database debezium/connect
```

使用postman注册连接器

```
POST:http://localhost:8083/connectors/
{
  "name": "inventory-connector",
  "config": {
    "name": "inventory-connector",
    "connector.class": "io.debezium.connector.postgresql.PostgresConnector",
    "tasks.max": "1",
    "database.hostname": "192.168.60.128",
    "database.port": "5433",
    "database.dbname": "postgres",
    "database.user": "postgres",
    "database.password": "debezium",
    "database.server.name": "postgres"
  }
}
```

查询连接器

```
192.168.60.128:8083/connectors/inventory-connector
```

监听kafka的变化

```
docker run -it --rm --name watcher --link zookeeper:zookeeper --link kafka:kafka debezium/kafka watch-topic -a -k postgres.inventory.customers
```

参考链接:

Debezium介绍和使用

<http://https://www.dazhuanlan.com/2019/12/18/5df9a33e7d393/>

<https://www.dazhuanlan.com/2019/12/18/5df9a33e7d393/>

[https://blog.csdn.net/liu_c_y/article/details/103537441?
utm_medium=distribute.pc_relevant.none-task-blog-
BlogCommendFromMachineLearnPai2-2.control&depth_1-
utm_source=distribute.pc_relevant.none-task-blog-
BlogCommendFromMachineLearnPai2-2.control](https://blog.csdn.net/liu_c_y/article/details/103537441?utm_medium=distribute.pc_relevant.none-task-blog-BlogCommendFromMachineLearnPai2-2.control&depth_1-utm_source=distribute.pc_relevant.none-task-blog-BlogCommendFromMachineLearnPai2-2.control)