Installation Instructions

Links for downloading related tools:

Docker Desktop: https://www.docker.com/products/docker-desktop/

Offset Explorer: https://www.kafkatool.com/download.html

DBeaver: https://dbeaver.io/

Pip: https://pypi.org/project/pip/

Docker Setup

What is Docker?

Make your hands dirty —

Hub.docker.com https://labs.play-with-docker.com/

Docker Compose

https://github.com/mangaldev/LearnPython/blob/master/caphca/docker-compose.yml

Commands

docker-compose up -d Check if Kafka and ZooKeeper working fine or not --\$ nc -z localhost 22181 Connection to localhost port 22181 [tcp/*] succeeded!

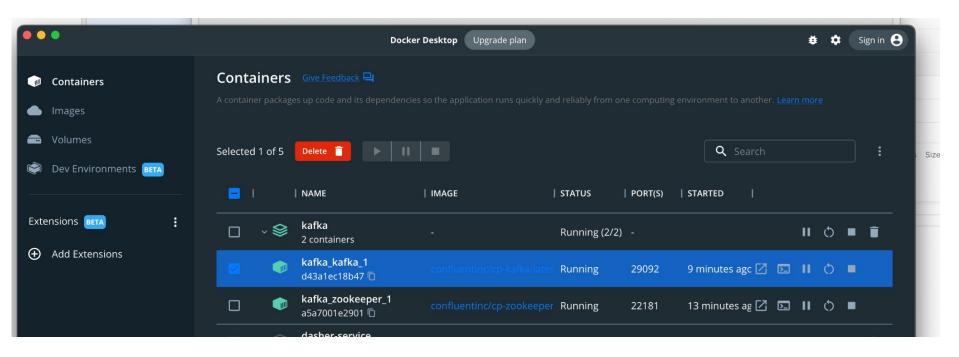
Kafka Cluster is running on port 29092 \$ nc -z localhost 29092

Connection to localhost port 29092 [tcp/*] succeeded! Check Docker Logs for kafka ---\$ docker-compose logs kafka | grep -i started

pip install kafka-python pip install confluent-kafka pip install psycopg2

Run this script to create a table

CREATE TABLE employees(emp_id SERIAL, first_name VARCHAR(50), last_name VARCHAR(50), dob DATE, city VARCHAR(40)); Verify the docker container also shows both kafka and zookeeper



Install Offset Explorer2

https://kafkatool.com/download.html

