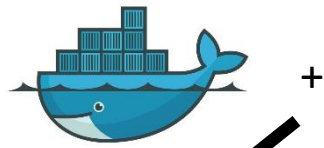


Confluent Docker



Launch Confluent Platform Docker to start confluent services such as Kafka and Zookeeper

Data Existence

Database or CSV



Pushing Data onto

Kafka Producer

Data is loaded from a
Postgres DB (my case)
by using JDBC and reading
the data line-by-line by
establishing program
argument as produce-db in
the Main.java file

Data is loaded from a
specified path on a local
machine line-by-line by
establishing program
argument as produce -csv

Producer to Broker

As a result of running
Producer, data is pushed
onto Kafka Stream

Broker to Consumer

Data is deserialized and
read from Kafka Stream
to an output table in
Postgres DB by establishing
program argument as
consume-db in Main.java and
running it

Data is deserialized and read
from Kafka Stream line-by-line
and printed out to a user
by establishing program argument
as consume-csv in Main.java file

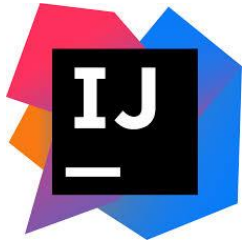
Data Writing

Database or
IntelliJ's terminal



Data Storage

Data is stored in table "output"
in Postgres DB



Data is not stored anywhere

