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Requirements

At the moment the database only has compatibility with Kafka.

Kafka Cluster

You can run a development cluster using docker and docker-compose using the following file.

<https://github.com/NucleoTeam/NucleoDB-Spring/blob/main/docker/kafka/docker-compose.yml>

```
version: "2"

networks:
  nucleodb-network:
    driver: bridge
services:
  zookeeper:
    image: docker.io/bitnami/zookeeper:3.7
    ports:
      - "2181:2181"
    environment:
      - ALLOW_ANONYMOUS_LOGIN=yes
    networks:
      - nucleodb-network
  kafka1:
    image: bitnami/kafka:latest
    ports:
      - 29092:29092
    environment:
      - KAFKA_CFG_ZOOKEEPER_CONNECT=zookeeper:2181
      - ALLOW_PLAINTEXT_LISTENER=yes
```

- KAFKA_BROKER_ID=1
- KAFKA_CFG_LISTENERS=PLAINTEXT://:9092,EXTERNAL://0.0.0.0:29092
- KAFKA_CFG_ADVERTISED_LISTENERS=PLAINTEXT://kafka1:9092,EXTERNAL://127.0.0.1:29092
- KAFKA_CFG_LISTENER_SECURITY_PROTOCOL_MAP=PLAINTEXT:PLAINTEXT,EXTERNAL:PLAINTEXT

depends_on:

- zookeeper

networks:

- nucleodb-network

kafka2:

image: bitnami/kafka:latest

ports:

- 29093:29093

environment:

- KAFKA_CFG_ZOOKEEPER_CONNECT=zookeeper:2181
- ALLOW_PLAINTEXT_LISTENER=yes
- KAFKA_BROKER_ID=2
- KAFKA_CFG_LISTENERS=PLAINTEXT://:9093,EXTERNAL://0.0.0.0:29093
- KAFKA_CFG_ADVERTISED_LISTENERS=PLAINTEXT://kafka2:9093,EXTERNAL://127.0.0.1:29093
- KAFKA_CFG_LISTENER_SECURITY_PROTOCOL_MAP=PLAINTEXT:PLAINTEXT,EXTERNAL:PLAINTEXT

depends_on:

- zookeeper

networks:

- nucleodb-network

kafka3:

image: bitnami/kafka:latest

ports:

- 29094:29094

environment:

- KAFKA_CFG_ZOOKEEPER_CONNECT=zookeeper:2181
- ALLOW_PLAINTEXT_LISTENER=yes
- KAFKA_BROKER_ID=3
- KAFKA_CFG_LISTENERS=PLAINTEXT://:9094,EXTERNAL://0.0.0.0:29094
- KAFKA_CFG_ADVERTISED_LISTENERS=PLAINTEXT://kafka3:9094,EXTERNAL://127.0.0.1:29094
- KAFKA_CFG_LISTENER_SECURITY_PROTOCOL_MAP=PLAINTEXT:PLAINTEXT,EXTERNAL:PLAINTEXT

depends_on:

- zookeeper

networks:

- nucleodb-network

Revision #3

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