**Kafka Pub/Sub**

* 토픽생성
* **/usr/local/kafka/bin/kafka-topics.sh --bootstrap-server http://localhost:9092 --topic topic\_example --create --partitions 1 --replication-factor 1**
* 토픽 리스트 보기
* **/usr/local/kafka/bin/kafka-topics.sh --bootstrap-server http://localhost:9092 --list**
* 새로운 터미널 창에서 kafka producer 연결 후 메세지 publish
* **/usr/local/kafka/bin/kafka-console-producer.sh --broker-list http://localhost:9092 --topic topic\_example**
* 새로운 터미널 창에서 kafka consumer 연결 후 메세지 subscribe
* **/usr/local/kafka/bin/kafka-console-consumer.sh --bootstrap-server http://localhost:9092 --topic topic\_example --from-beginning**
* hello world 라는 메세지 publish 해보기

**Kafka Consumer Group & Offsets**

* consumer group 목록

**/usr/local/kafka/bin/kafka-consumer-groups.sh --bootstrap-server http://localhost:9092 --list**

* consumer group 의 offset 확인

**/usr/local/kafka/bin/kafka-consumer-groups.sh --bootstrap-server http://localhost:9092 --group <group\_id> --describe**

* consumer group 의 offset 재설정

**/usr/local/kafka/bin/kafka-consumer-groups.sh --bootstrap-server http://localhost:9092 --group <group\_id> --topic topic\_example --reset-offsets --to-earliest --execute**

There are many other resetting options, run kafka-consumer-groups for details:

**--shift-by <positive\_or\_negative\_integer>**

**--to-current**

**--to-latest**

**--to-offset <offset\_integer>**

**--to-datetime <datetime\_string>**

**--by-duration <duration\_string>**

Checkpoints

1. topic\_example Topic 생성

2. topic\_example Topic 에 hello world 라는 메세지 수신