package com.twitter.search.ingester.pipeline.twitter.kafka;

import org.apache.commons.pipeline.validation.ConsumedTypes;

import org.apache.commons.pipeline.validation.ProducedTypes;

import org.apache.kafka.common.serialization.Deserializer;

import com.twitter.finatra.kafka.serde.internal.BaseDeserializer;

import com.twitter.search.ingester.model.KafkaRawRecord;

import com.twitter.util.Time;

/\*\*

\* Kafka consumer stage that emits the binary payload wrapped in {@code ByteArray}.

\*/

@ConsumedTypes(String.class)

@ProducedTypes(KafkaRawRecord.class)

public class KafkaRawRecordConsumerStage extends KafkaConsumerStage<KafkaRawRecord> {

public KafkaRawRecordConsumerStage() {

super(getDeserializer());

}

private static Deserializer<KafkaRawRecord> getDeserializer() {

return new BaseDeserializer<KafkaRawRecord>() {

@Override

public KafkaRawRecord deserialize(String topic, byte[] data) {

return new KafkaRawRecord(data, Time.now().inMillis());

}

};

}

public KafkaRawRecordConsumerStage(String kafkaClientId, String kafkaTopicName,

String kafkaConsumerGroupId, String kafkaClusterPath,

String deciderKey) {

super(kafkaClientId, kafkaTopicName, kafkaConsumerGroupId, kafkaClusterPath, deciderKey,

getDeserializer());

}

}