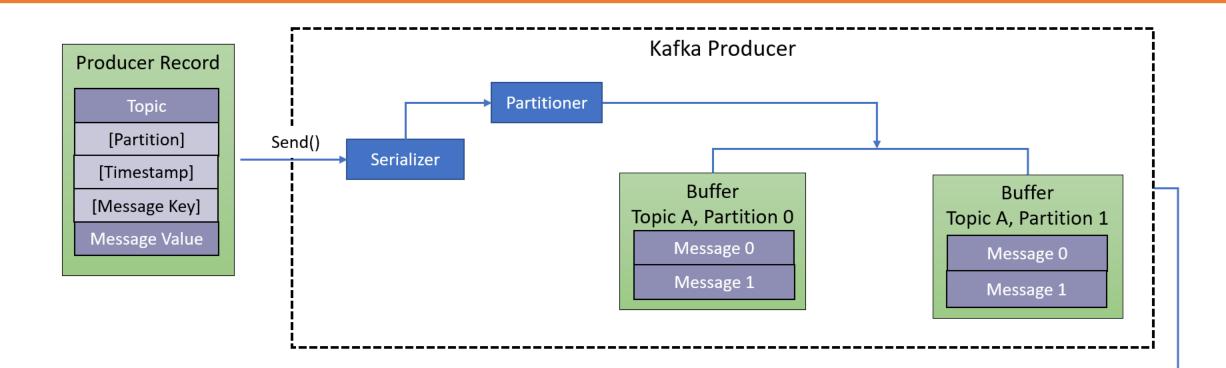


Producers Internals

Kafka Producer API - Internals

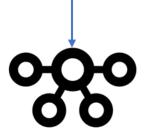
```
Properties props = new Properties();
props.put(ProducerConfig. CLIENT_ID_CONFIG, AppConfigs.applicationID);
props.put(ProducerConfig.BOOTSTRAP_SERVERS_CONFIG, AppConfigs.bootstrapServers);
props.put(ProducerConfig.KEY SERIALIZER CLASS CONFIG, IntegerSerializer.class.getName());
props.put(ProducerConfig. VALUE SERIALIZER CLASS CONFIG, StringSerializer.class.getName());
KafkaProducer<Integer, String> producer = new KafkaProducer<>(props);
producer.send(new ProducerRecord<>(AppConfigs.topicName, i, Value: "Simple Message-" + i));
 producer.close();
```

LEARNING JOURNAL

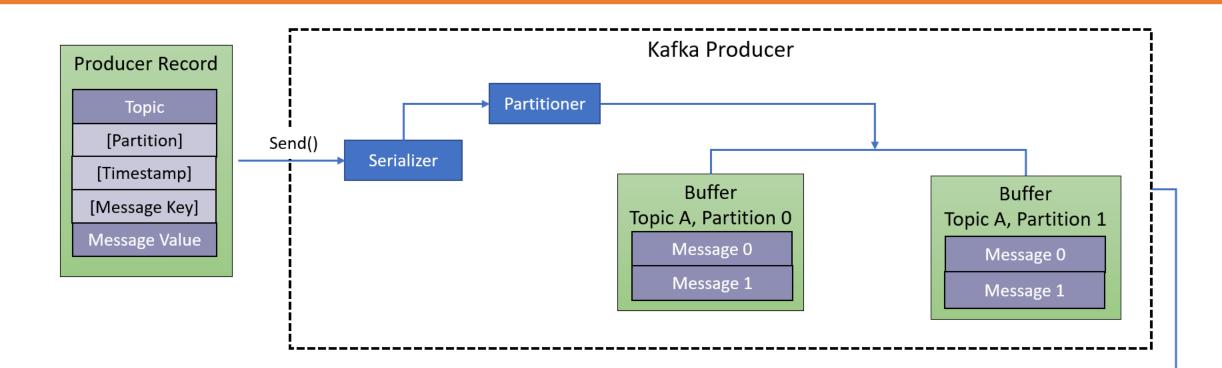


props.put(ProducerConfig.KEY_SERIALIZER_CLASS_CONFIG, IntegerSerializer.class.getName());
props.put(ProducerConfig.VALUE_SERIALIZER_CLASS_CONFIG, StringSerializer.class.getName());

props.put(ProducerConfig.PARTITIONER_CLASS_CONFIG, MyPartitioner.class.getName());



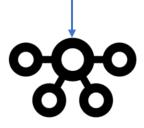




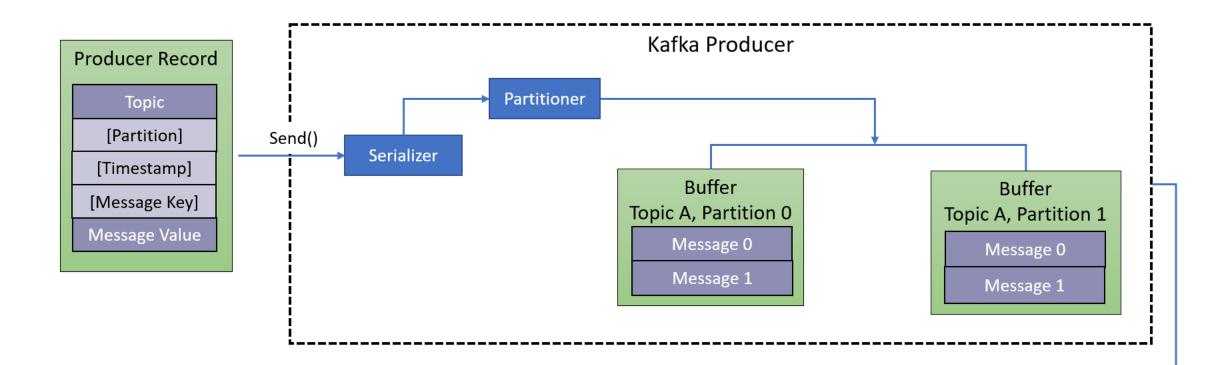
Default Partitioner

- 1. Hash Key Partitioning
- 2. Round Robin Partitioning









Message Timestamp

- 1. Create Time
- 2. Log Append Time

message.timestamp.type

