



Build your own HIPPO

Roger

What we will use?

- python language
- setup local kafka
- little spark programming

STEP 1: Quick start Kafka

- <https://kafka.apache.org/quickstart>

STEP 2: Kafka-Python

- <https://github.com/dpkp/kafka-python>

STEP 3: Setup Kafka

```
[16:58] [roger19890107@roger19890107teki-MacBook-Pro:~/Developer/main/resources/kafka/kafka_2.11-0.9.0.1]
~>bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1
--partitions 1 --topic frontier-adw
Created topic "frontier-adw".
[16:59] [roger19890107@roger19890107teki-MacBook-Pro:~/Developer/main/resources/kafka/kafka_2.11-0.9.0.1]
~>bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1
--partitions 1 --topic hippo-finish
Created topic "hippo-finish".
```

Create topic:
1. frontier-adw
2. hippo-finish

```
Last login: Wed May 31 16:58:01 on ttys002
[~>bin/kafka-console-producer.sh --broker-list localhost:9092 --topic frontier-adw
```

console producer
for **frontier-adw**

```
Last login: Wed May 31 17:00:10 on ttys002
[17:00] [roger19890107@roger19890107teki-MacBook-Pro:~/Developer/main/resources/kafka/kafka_2.11-0.9.0.1]
[~>bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --from-beginning
--zookeeper localhost:2181 --topic hippo-finish
```

console consumer
for **hippo-finish**

STEP 4: Build HIPPO!

