Set up for KAFKA  
  
Pre-requisite

Install JAVA for windows if not installed

<https://www.oracle.com/java/technologies/downloads/#jdk18-windows>  
  
Install Docker Rabbit MQ by running the following command

docker pull rabbitmq  
  
And then run docker using the following command   
  
docker run -p 15672:15672 -p 5672:5672 masstransit/rabbitmq

1. Download [Apache Kafka](https://kafka.apache.org/downloads)   
   
2. Unzip at the following location - C:\Kafka
3. Under C:\Kafka\config - update server.properties file by adding your machine IP in the listener for broker and controller

A screenshot of a computer

Description automatically generated with medium confidence

4. Run powershell (as admin) enter the following commands

1. cd c:/kafka

2. .\bin\windows\zookeeper-server-start.bat .\config\zookeeper.properties

Text

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1. .\bin\windows\kafka-server-start.bat .\config\server.properties
2. Run both the applications -   
   KafkaMTWebApp1 and KafkaMTWebApp2

Graphical user interface, application

Description automatically generated

Try Out and send through messages from and To the

1. Open a new powershell window and enter the following commands  
   cd c:/kafka  
    .\bin\windows\kafka-topics.bat --list --bootstrap-server localhost:9092
2. Open a new powershell window and enter the following commands  
   cd c:/kafka  
   .\bin\windows\kafka-console-consumer.bat --bootstrap-server localhost:9092 --from-beginning --topic OrgDeletedEvent --partition 0
3. Open a new powershell window and enter the following commands  
   cd c:/kafka  
    .\bin\windows\kafka-console-consumer.bat --bootstrap-server localhost:9092 --from-beginning --topic OrgCreatedEvent --partition 0

Graphical user interface

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