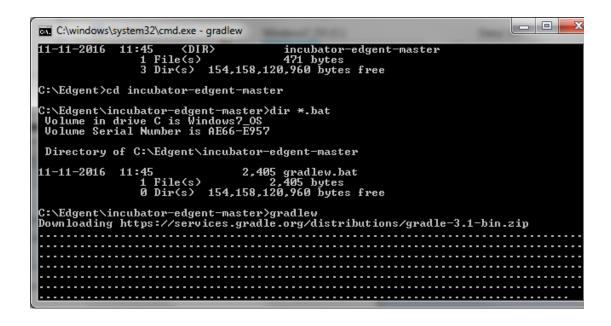1)Clone the edgent build
https://github.com/apache/incubator-edgent

Pre-req:

git shell - https://git-for-windows.github.io/
gradlew - git clone https://github.com/mkyong/spring4-mvc-gradle-annotation-hello-world.git
java8 - http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

2)Build Edgent

3) Hello World using Eclipse

https://edgent.apache.org/docs/edgent-getting-started.html

https://edgent.apache.org/docs/quickstart

4) Hack - use IotpDevice to publish the filter data

http://edgent.incubator.apache.org/javadoc/latest/index.html

```
public IotpDevice(Topology topology,
                  java.util.Properties options)
Create a connector to the IBM Watson IoT Platform Bluemix
service with the device specified by options.
These properties must be set in options.
org=organization identifier
type=device type
id=device identifier
auth-method=token
auth-token=authorization token
For example:

 Properties options = new Properties();
 options.setProperty("org", "uguhsp");
 options.setProperty("type", "iotsample-arduino");
 options.setProperty("id", "00aabbccde03");
 options.setProperty("auth-method", "token");
 options.setProperty("auth-token", "AJfKQV@&bBo@VX6Dcg");

 IotDevice iotDevice = new IotpDevice(options);
```

============
```
TSink<com.google.gson.JsonObject>       events(TStream
<com.google.gson.JsonObject> stream, Function
<com.google.gson.JsonObject,java.lang.String> eventId,
UnaryOperator<com.google.gson.JsonObject> payload, Function
<com.google.gson.JsonObject,java.lang.Integer> qos)
Publish a stream's tuples as device events.
```