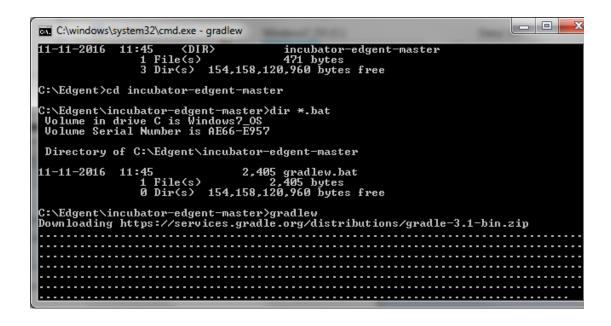
1)Clone the edgent build https://github.com/apache/incubator-edgent

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



```
C:\windows\system32\cmd.exe

:aggregateJavadoc
javadoc: warning - Multiple sources of package comments found for package "org.e
clipse.paho.client.mgttv3"

C:\Edgent\incubator-edgent-master\samples\scenarios\src\main\java\org\apache\edg
ent\samples\scenarios\iotp\lotpFullScenario.java:46: warning - Tag @see: referen
ce not found: org.apache.edgent.topology.mbeans

C:\Edgent\incubator-edgent-master\runtime\jsoncontrol\src\main\java\org\apache\edg
edgent\runtime\jsoncontrol\JsonControlService.java:48: warning - Tag @see: refere
nce not found: org.apache.edgent.runtime.jsoncontrol Format of control request o
peration

C:\Edgent\incubator-edgent-master\connectors\iotp\src\main\java\org\apache\edgen
t\connectors\iotp\lotpDevice.java:60: warning - Tag @see: reference not found: o
rg.apache.edgent.connectors.iot Edgent generic device model

4 warnings
:copyScripts
:compileJava UP-TO-DATE
:processResources UP-TO-DATE
:jar UP-TO-DATE
:jar UP-TO-DATE
:jar UP-TO-DATE
:assemble

BUILD SUCCESSFUL

Total time: 4 mins 9.874 secs
C:\Edgent\incubator-edgent-master>
```

3) Hello World using Eclipse

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> gos)
Publish a stream's tuples as device events.
```