Running delta server example

1. Start VM in ec2se account ‘crowley demo’
2. Connect to VM via ssh

ssh -i wan-gateway-example.pem ubuntu@<publicIp>

1. Login as db2inst1 user (password db2inst1)

su - db2inst1

1. Start db2 and mqm using proper commands

db2start

strmqm PUBSRC

1. Go to directory with the code

cd /db2mqrep/myQCap

1. Start the capturing tool

asnqcap capture\_server=PUBSRC

Separate tab

1. Start insightedge in demo mode

gigaspaces-insightedge-enterprise-14.0.0-rc1-b19916/bin/insightedge demo

1. Make sure space ‘insightedge-space’ is deployed. If it doesn’t, create space via webui.

Separate tab

1. Go to directory with jar and run db2 delta server

cd db2mqrep

java -Djava.library.path=/opt/mqm/java/lib64 -jar db2-delta-server-1.0-jar-with-dependencies.jar

It will for incoming operations for 1 minute and after stops. If you don’t make it in time, you can rerun the jar

Separate tab

1. Connect to db2 and run several testing commands

db2 connect to PUBSRC

db2 "delete from DB2INST1.EMPLOYEE where empno=000067";

db2 "insert into DB2INST1.EMPLOYEE(empno, firstnme, lastname, edlevel,workdept) values ('000067','TestN2','TestS2',18,'C01')";

Running geospatial example

1. Start VM in ec2se account ‘crowley demo’
2. Connect to VM via ssh

ssh -i wan-gateway-example.pem ubuntu@<publicIp>

1. Start insightedge in demo mode

sudo gigaspaces-insightedge-enterprise-14.0.0-rc1-b19916/bin/insightedge demo

Separate tab

1. Create kafka topic if they are missing

insightedge-geo-demo-old-master/scripts/start-local.sh

1. Start the feeder that will read csv

java -cp /home/ubuntu/insightedge-geo-demo-master/feeder/target/feeder-12.3.0-m19-jar-with-dependencies.jar org.insightedge.geodemo.feeder.Feeder

Separate tab

1. Submit spark job to process data, read by feeder

sudo gigaspaces-insightedge-enterprise-14.0.0-rc1-b19916/insightedge/bin/insightedge-submit --class org.insightedge.geodemo.processing.DymanicPriceProcessor --master spark://127.0.0.1:7077 /home/ubuntu/insightedge-geo-demo-master/insightedge-processing/target/insightedge-processing-12.3.0-m19.jar spark://127.0.0.1:7077

Separate tab

1. Run webapp to see the result

sudo insightedge-geo-demo-old-master/scripts/start-web.sh

Application will be available via port 9000

NOTE: If you run it on another XAP version, change lookupGroup in  
insightedge-geo-demo-old-master/insightedge-processing/src/main/scala/org/insightedge/geodemo/processing/DymanicPriceProcessor.scala

insightedge-geo-demo-old-master/web/app/controllers/RestEndpoint.scala

And also db2-delta-server-1.0-jar-with-dependencies.jar must be rebuild after changing group in com.gigaspaces.mq.spacelistener.SpaceReplicator.java

Working project archived in db2-delta-server.zip and uploaded on the instance in /home/ubuntu, you can copy from there, rebuild on your local machine and change the jar