**Oozie job for adding partitions to Twitter data**

* Add atlas jars from the atlas directory of the sandbox version you use to the oozie share lib/hive directory. After adding there should be 256 jars available in the share lib.

**hdfs dfs -put /usr/hdp/2.3.0.0-2557/atlas/hook/hive/\* /user/oozie/share/lib/lib\_20150819123609/hive/**

**hdfs dfs -put /usr/hdp/2.3.0.0-2557/atlas/bridge/hive/\* /user/oozie/share/lib/lib\_20150819123609/hive/**

* 2.3.0.0-2557 is the version of the sandbox atlas package, it changes depending on the version you have, so make sure you change it accordingly.
* Edit hive-env.sh file from /etc/hive/2.3.0.0-2557/0/hive-env.sh and add the line “**export HIVE\_AUX\_JARS\_PATH=<atlas package>/hook/hive**”

**vi /etc/hive/2.3.0.0-2557/0/hive-env.sh**

* Copy the application.properties file of conf directory in atlas package into the conf directory of hive-client in your local machine.

**cp /usr/hdp/2.3.0.0-2557/atlas/conf/application.properties /usr/hdp/current/hive-client/conf**

* Add the json serde to the oozie share lib which adds it a total to 257 jars in the folder.

**hdfs dfs –put json-serde-1.1.6-SNAPSHOT-jar-with-dependencies.jar /user/oozie/share/lib/lib\_20150819123609/hive/**

* Now create a new workflow in the oozie workflow tab of the hue browser.
* Drag and drop the hive object to the workflow editor and give it an appropriate name.
* Add the hive ddl script from the tmp folder to the script name window.
* Add these parameters inorder to create appropriate partitions

**Yearpart = %Y**

**Monthpart = %m**

**Daypart = %d**

* Add the hive-config.xml file from the tmp folder in the Files window. (hive-config.xml file is a renamed file of hive-site.xml, please locate this file using the locate function. It should be in the /etc/hive/2.3.0.0-2557/0/hive-site.xml. Copy the file to hdfs tmp folder and rename it hive-config.xml using hue browser.

**hdfs dfs –put /etc/hive/2.3.0.0-2557/0/hive-site.xml /tmp/**

* Add the same hive-config.xml file to the Job XML window. Save everything and run the file.
* The oozie editor automatically prompts for the year, month and day partitions, type in the appropriate partitions and run.