

GeoServer with GeoMesa installation procedure

1. Download and unzip GeoServer 2.5.2 binary distribution
2. Download and unzip GeoServer 2.5.2 WPS plugin in the `webapps/geoserver/WEB-INF/lib`
3. Build the GeoMesa-Plugin sub-project
4. Build the GeoMesa-Quick-start project
5. Copy the `geomesa-plugin-accumulo1.5-1.0.0-rc.5-SNAPSHOT-geoserver-plugin.jar` from the GeoMesa-Plugin sub-project in the `webapps/geoserver/WEB-INF/lib`
6. Copy the `geomesa-quickstart-1.0-SNAPSHOT.jar` from the GgeoMesa-Quick-start sub-project in the `webapps/geoserver/WEB-INF/lib`
7. Change the port to 8181 in `etc/jetty.xml` of GeoServer, since 8080 is taken by Spark
8. Start the stack (HDFS, Zookeeper, Accumulo)
9. Run the TweetCruncher (if not already done) to load the Tweeter data in Accumulo
10. Start GeoServer
11. Add an "Accumulo Feature Data Store" store and layer with the parameter listed in the TweetCruncher `run.sh` script
12. Display the layer in GeoServer with the "layer preview"