WORKING WITH GRADLE

1. Dependecies

Simply add these lines to our build.gradle of our Android Studio project.

repositories {

maven {

url "https://repo.eclipse.org/content/repositories/paho-snapshots/"

}

}

And in our build.gradle of our Android app.

dependencies {

compile 'org.eclipse.paho:org.eclipse.paho.client.mqttv3:1.1.0'

compile 'org.eclipse.paho:org.eclipse.paho.android.service:1.1.1'

}

Before we code anything, we need to set up our AndroidManifest.xml file to let our app have permissions to access the Internet, access the network state, and let our app to stay alive as a service. Add these lines before the opening <application tag in our AndroidManifest.xml.

<uses-permission android:name="android.permission.INTERNET" />

<uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE"/>

<uses-permission android:name="android.permission.WAKE\_LOCK"/>

And register our MQTT Android Service in our app before the closing application tag using this piece of code:

 <service android:name="org.eclipse.paho.android.service.MqttService" />