

VERSION 6 DE ANDROID
EN DEFAULT SETTINGS PROJECTS SON LOS MISMOS CAMBIOS
BUILD GRADLE

```
buildscript {
    repositories {
        jcenter()
    }
    dependencies {
        classpath 'com.android.tools.build:gradle:2.3.3'

        // NOTE: Do not place your application dependencies
here; they belong
// in the individual module build.gradle files
    }
}

allprojects {
    repositories {
        jcenter()
    }
}

task clean(type: Delete) {
    delete rootProject.buildDir
}
```

BUILD.GRADLE:MODULE:APP

```
apply plugin: 'com.android.application'

android {
    compileSdkVersion 23
    buildToolsVersion '25.0.2'

    defaultConfig {
        applicationId
        "com.example.neysermarquina.webservicesistemasunt"
        minSdkVersion 21
        targetSdkVersion 23
        versionCode 1
        versionName "1.0"
    }
    buildTypes {
```

```

        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-
android.txt'), 'proguard-rules.pro'
        }
    }
}

dependencies {
    compile fileTree(include: ['*.jar'], dir: 'libs')
    compile 'com.android.support:appcompat-v7:23.2.1'
    compile 'com.github.d-max:spots-dialog:0.7@aar'
    compile 'com.android.support:support-v4:23.2.1'
    compile 'com.android.support:design:23.2.1'
    compile 'com.android.support:recyclerview-v7:25.3.1'
    compile 'com.mcxiaoke.volley:library:1.0.19'
    compile
'org.jbundle.util.osgi.wrapped:org.jbundle.util.osgi.wrapped.org
.apache.http.client:4.1.2'
    compile 'com.android.support.constraint:constraint-layout:
1.0.2'
    compile 'com.google.android.gms:play-services-maps:11.0.4'
    testCompile 'junit:junit:4.12'
}

```

ANDROID MANIFEST

```

<manifest xmlns:android="http://schemas.android.com/apk/res/
android"
    package="com.example.neysermarquina.webservicesistemasunt">

    <uses-permission
android:name="android.permission.INTERNET" />
    <uses-permission
android:name="android.permission.WRITE_EXTERNAL_STORAGE" />
    <uses-permission
android:name="android.permission.ACCESS_FINE_LOCATION" />
    <uses-permission android:name="android.permission.CAMERA"/
><!-- para usar la camara desde la App -->
    <uses-permission
android:name="android.permission.READ_EXTERNAL_STORAGE"/><!--
leer las imagenes guardadas en la galeria -->

    <application
        android:allowBackup="true"

```

```

        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity
            android:name=".Login"
            android:label="@string/title_activity_login"
            android:theme="@style/AppTheme.NoActionBar" />
        <activity
            android:name=".SplashActivity"
            android:theme="@style/SplashTheme">
            <intent-filter>
                <action
                    android:name="android.intent.action.MAIN" />

                    <category
                        android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity
            android:name=".MainActivity"
            android:label="@string/app_name"
            android:parentActivityName=".Login"
            android:theme="@style/AppTheme.NoActionBar">
            <meta-data
                android:name="android.support.PARENT_ACTIVITY"
                android:value=".MainActivity" />
        </activity>
    </provider>

    <provider
        android:name="android.support.v4.content.FileProvider"
        android:authorities="${applicationId}.provider"
        android:exported="false"
        android:grantUriPermissions="true">
        <meta-data

    <provider
        android:name="android.support.FILE_PROVIDER_PATHS"
        android:resource="@xml/provider_paths"/>
    </provider>
    <activity
        android:name=".MapsActivity"
        android:label="@string/title_activity_maps" />

    <!--
        The API key for Google Maps-based APIs is defined
        as a string resource.
        (See the file "res/values/google_maps_api.xml").

```

Note that the API key is linked to the encryption key used to sign the APK.

You need a different API key for each encryption key, including the release key that is used to sign the APK for publishing.

You can define the keys for the debug and release targets in src/debug/ and src/release/.

```
-->
<meta-data
    android:name="com.google.android.geo.API_KEY"
    android:value="@string/google_maps_key" />

    <activity android:name=".PaginaWeb"></activity>
</application>

</manifest>
```

VERSION 7 ANDROID

// Top-level build file where you can add configuration options common to all sub-projects/modules.

```
buildscript {
    repositories {
        jcenter()
    }
    dependencies {
        classpath 'com.android.tools.build:gradle:2.2.3'

        // NOTE: Do not place your application dependencies
        here; they belong
        // in the individual module build.gradle files
    }
}

allprojects {
    repositories {
        jcenter()
    }
}

task clean(type: Delete) {
    delete rootProject.buildDir
}
```

BUILD.GRADLE:APP

```
apply plugin: 'com.android.application'

android {
    compileSdkVersion 25
    buildToolsVersion "25.0.3"
    defaultConfig {
        applicationId "co.quindio.sena.tutorialwebservice"
        minSdkVersion 15
        targetSdkVersion 25
        versionCode 1
        versionName "1.0"
        testInstrumentationRunner
        "android.support.test.runner.AndroidJUnitRunner"
    }
    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-
            android.txt'), 'proguard-rules.pro'
        }
    }
}

dependencies {
    compile fileTree(dir: 'libs', include: ['*.jar'])

    androidTestCompile('com.android.support.test.espresso:espresso-
    core:2.2.2', {
        exclude group: 'com.android.support', module: 'support-
    annotations'
    })
    compile 'com.android.support:appcompat-v7:25.3.1'
    compile 'com.android.support:design:25.3.1'
    compile 'com.android.support:support-v4:25.3.1'
    compile 'com.android.support:recyclerview-v7:25.3.1'
    compile 'com.android.volley:volley:1.0.0'
    testCompile 'junit:junit:4.12'
}
```

MANIFEST ANDROID

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/
```

```

android"
    package="co.quindio.sena.tutorialwebservice">

    <uses-permission android:name="android.permission.INTERNET"/
>
    <uses-permission android:name="android.permission.CAMERA"/
><!-- para usar la camara desde la App -->
    <uses-permission
android:name="android.permission.WRITE_EXTERNAL_STORAGE"/><!--
escribir en memoria para guardar las fotos -->
    <uses-permission
android:name="android.permission.READ_EXTERNAL_STORAGE"/><!--
leer las imagenes guardadas en la galeria -->

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity
            android:name=".MainActivity"
            android:label="@string/app_name"
            android:theme="@style/AppTheme.NoActionBar">
            <intent-filter>
                <action
android:name="android.intent.action.MAIN" />

                <category
android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </provider>

    android:name="android.support.v4.content.FileProvider"
        android:authorities="${applicationId}.provider"
        android:exported="false"
        android:grantUriPermissions="true">
        <meta-data

    android:name="android.support.FILE_PROVIDER_PATHS"
        android:resource="@xml/provider_paths"/>
    </provider>

</application>

```

</manifest>