

Integration Steps for Native Android Application with Netcore SDK for FCM

(<https://github.com/NetcoreSolutions/Smartech-Android-FCM-SDK>)

Before performing Application changes, prerequisites are as follow:-

Need 1: Get google-services.json file and FCM Server Key from Firebase Developer console

Need 2: Get App Id and Smartech FCM SDK from Smartech Panel

For Integrate SDK as well as Push notification:

Step 1: Add Netcore SDK (i.e. SmartechFCMSDK.aar file) in libs folder

Step 2: Add google-services.json file in app directory of project

Step 3: Follow below Instructions to modify build.gradle

1. Add below code in dependencies of buildscript in project build.gradle

```
classpath 'com.google.gms:google-services:3.0.0'
```

2. Add below code at last line in app build.gradle

```
Repositories{  
    flatDir { dirs 'libs' }  
}  
apply plugin: 'com.google.gms.google-services'
```

3. Add below code in dependencies of app build.gradle (not in child dependencies)

```
compile(name:'SmartechFCMSDK', ext:'aar')  
compile 'com.google.code.gson:gson:2.8.0'  
compile 'com.google.firebase:firebase-messaging:9.6.0'
```

Step 4: Modification in Launcher Activity

Paste below code in launcher Activity in method onCreate (above the super.onCreate.line)

```
NetcoreSDK.register(getApplication(),"<applicationId>", identity);
```

Note: Identity should be "" or Primary key which defined on smartech Panel

For Login Activity add below code for login activity to make user Identified:

```
NetcoreSDK.login( context, identity );
```

For Logout Activity add below code for logout activity:

```
NetcoreSDK.logout( context, identity );
```

For Activity tracking add below code for every activity:

```
NetcoreSDK.track( context, identity,eventld,payload);
```

Note: Activity tracking code should be generated from Smartech panel

For Profile Update, Follow Below code

```
JSONObject newProfile = new JSONObject();
try {
    newProfile.put( "NAME", "Developer" );
    newProfile.put( "AGE", 25 );
    newProfile.put( "MOBILE", "1234567890" );
    NetcoreSDK.profile(this, newProfile, identity);
}
catch ( JSONException e ) {
    e.printStackTrace();
}
```

Note: attribute name must be in Capital.