

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 app build.gradle

1. **Add in parent repositories** (not in child repositories. If not present then create new repositories) below code:

```
flatDir { dirs 'libs' }
```

2. **Add in parent dependencies** (not in child dependencies. If not present then create new dependencies) below code:

```
compile(name:'NetcoreFCMSDK', ext:'aar')  
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.