

Adinch Tracking User Guide.

Introduction

This guide will help you to include the Adinch Tracking SDK into your application.

SDK Integration

The following steps should be performed in Eclipse to include the Adinch Tracking into your Android Application :

1. Include the Adinch Tracking SDK library.

In your application, create a folder 'libs' and drag the jar file adinch_tracking_sdk.jar into the libs folder.

2. Add settings to your application manifest :

Open AndroidManifest.xml and add the following lines within the application tag.

```
<receiver android:name="adinch.app.install.AdinchReceiver" android:exported="true">
    <intent-filter>
        <action android:name="com.android.vending.INSTALL_REFERRER" />
    </intent-filter>
</receiver>
<meta-data android:name="APP_NAME" android:value="YOUR.APPLICATION.NAME" />
<meta-data android:name="ADINCH_TRACKING_ID" android:value="YOUR.TRACKING.ID" />
```

- Replace *YOUR.APPLICATION.NAME* with your application package name along the lines of com.yourcompany.yourapplication
- Replace *YOUR.TRACKING.ID* with the Tracking ID code given to you by Adinch Tracking.

Add the following lines to AndroidManifest.xml after the </application> tag to allow permissions for the Adinch Tracking SDK

```
<!-- Container TAG requires Internet permission -->
<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE" />
<uses-permission android:name="android.permission.READ_PHONE_STATE" />
```

3. If you have any other referral Tracking :

You should only have a single receiver for the INSTALL_REFERRER intent. If you are using any other referral tracking providers such as Admob or GoogleAnalytics, Adinch Tracking provides a mechanism to forward the intent from the market on to other receivers. Simply add a line like the following one (The example given below is for Admob) within the receiver tags :

```
<!--Forward the referral to Admob -->
<meta-data android:name="forward.Admob"
```

```
android:value="com.admob.android.ads.analytics.InstallReceiver" />
```

The name of the tag (in this case forward.Admob) can be anything so long as it is unique. So the code within the receiver tags would then look like :

```
<receiver android:name="adinch.app.install.AdinchReceiver" android:exported="true">
    <intent-filter>
        <action android:name="com.android.vending.INSTALL_REFERRER" />
    </intent-filter>
    <meta-data android:name="forward.Admob"
        android:value="com.admob.android.ads.analytics.InstallReceiver" />
</receiver>
```

You can add as many receivers as you like and the Adinch Tracking SDK will forward the referral broadcast on to each of them.

4. Call the Adinch Tracking SDK.

a) At the top of your main file include the Tag library :

```
import adinch.app.install.AdinchConnect;
```

b) Inside your applications `OnCreate` function add the following lines :

```
// Connect with the Adinch Tracking server. Call this when the application first
starts.
AdinchConnect.getConnectionInstance(this);
```

5. Check results.

Enter in command line:

```
adb shell
am broadcast -a com.android.vending.INSTALL_REFERRER -n
<your.package.name>/adinch.app.install.AdinchReceiver --es "referrer" "utm_source..."
```

if you see this text in LogCat:

```
01-21 10:57:18.520: I/AdinchAppListener(11069): -----
01-21 10:57:18.520: I/AdinchAppListener(11069): response status: 200
01-21 10:57:18.520: I/AdinchAppListener(11069): response size: 4
01-21 10:57:18.520: I/AdinchAppListener(11069): response:
01-21 10:57:18.520: I/AdinchAppListener(11069): None
01-21 10:57:18.520: I/AdinchAppListener(11069): -----
```

Tracking was added successful.