

Placed Affiliate SDK (Android) v1.10

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Integrating your application with the Placed Monetization SDK

Add the SDK Jar to your Android project

- If you haven't yet received your SDK, please contact support@placed.com

Configuration

- Add the following in the application tag in your **AndroidManifest.xml**. Make sure to replace **YOUR_APP_KEY** with the application key provided to you by Placed.

```
<meta-data android:name="placed_app_key" android:value="YOUR_APP_KEY" />
<service android:name="com.placed.client.android.persistent.PlacedService"/>
<receiver android:name="com.placed.client.android.persistent.PlacedReceiver" android:exported=
"true">
    <intent-filter>
        <action android:name="android.intent.action.BOOT_COMPLETED"/>
        <action android:name="android.intent.action.PACKAGE_REPLACED"/>
        <data android:scheme="package" />
    </intent-filter>
</receiver>
```

- Add required permissions

```
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE"/>
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE"/>
<uses-permission android:name="android.permission.CHANGE_WIFI_STATE" />
<uses-permission android:name="android.permission.ACCESS_FINE_LOCATION"/>
<uses-permission android:name="android.permission.INTERNET"/>
<uses-permission android:name="android.permission.RECEIVE_BOOT_COMPLETED"/>
<uses-permission android:name="android.permission.WAKE_LOCK"/>
```

Integration

- Place the following code in your application's main activity `onCreate` method:
- Make sure to replace **YOUR_APP_KEY** with your application key

```
/** Call this method for default opt-in behavior, this will show a dialog
 * to your users asking them to opt-in to location tracking (recommended)
 * This dialog will only be shown once over the lifetime of the application
 */
PlacedAgent.registerAppWithDialog(YourMainActivity.this, YOUR_APP_KEY);
```

- To send additional information, such as demographics, to Placed, please include the following code in your application's main activity after calling

```
PlacedAgent.registerAppWithDialog:
```

- Log a unique identifier

```
/**
 * This method logs a unique id
 *
 * @param context Your application's context
 * @param id the unique id
 */
PlacedAgent.logUniqueId(Context context, String id)
```

- Sending demographic data

```
/**
 * This method is used to log demographics
 *
 * @param jsonString A string representing a JSON blob of the raw data returned
 * by the source API
 * @param source A string with the name of the demographics source (e.g. Facebook)
 * @param version If the source API is versioned please include the version number.
 */
PlacedAgent.logDemographics(Context context, String jsonString, String source, String version)
```

Register

Please contact your Placed representative to find out how to register your account. If you do not have a representative yet, please email affiliate@placed.com

Integrating surveys into your application (optional)

If you plan to have your users and surveys from Placed you will need to execute a few additional steps.

- First add

```
<activity android:name="com.placed.client.android.persistent.PlacedSurveyActivity"
  android:theme="@android:style/Theme.Translucent"/>
```

to your ApplicationManifest.xml.

- There are two methods that you will use to check the survey status for the user and launch the survey activity

```
PlacedAgent.checkSurveyStatus(Activity activity, SurveyStatusCallback callback)
```

and

```
PlacedAgent.launchSurveyActivity(Activity activity)
```

You should call `checkSurveyStatus` in your main activity in the `onCreate` method. The method takes a `SurveyStatusCallback` that will implement `onSurveyStatusUpdate(boolean hasSurvey)`. In your callback you can choose to call `launchSurveyActivity` or save the

result and call `launchSurveyActivity` when you want to display the survey activity to your users.

The following example implementation will launch the survey activity if there are surveys for this particular user:

```
//In the onCreate method of your main activity
PlacedAgent.checkSurveyStatus(this, new SurveyStatusCallback() {
    @Override
    public void onSurveyStatusUpdate(boolean hasSurvey) {
        if(hasSurvey) {
            PlacedAgent.launchSurveyActivity(MainActivity.this);
        }
    }
});
```

That's it!

Support

For further guidance contact affiliate@placed.com