



## In-App Banner SDK V1.0

### 1. Download the SDK

Import the zip file contents into your existing Android project by extracting it into your "libs" folder.

If your project does not already have a "libs" folder, create one at the root of the project by right-clicking the project and choosing "New" and then "Folder."

Then, right click, choose: "Add as Library" then "OK"

### 2. Add the SDK to your application

Add the following import statement to your **Application** file

```
import com.exoclick.sdk.ExoclickSDK;
```

Call **ExoclickSDK.init()** from the **onCreate** method of your Application class:

```
public class APPLICATION_NAME_Application extends Application {
    ...

    @Override
    public void onCreate() {
        super.onCreate();
        ExoclickSDK.init(getApplicationContext());
    }

    ...
}
```

### 3. Modify the application manifest

Add the following service and broadcast receiver definitions to the **AndroidManifest.xml** immediately before the closing **</application>** tag:

```
<receiver android:name="com.exoclick.sdk.receiver.GcmBroadcastReceiver"
android:permission="com.google.android.c2dm.permission.SEND">
    <intent-filter>
        <action android:name="com.google.android.c2dm.intent.RECEIVE"/>
        <category android:name="replace.this.by.application.package"/>
    </intent-filter>
</receiver>
<service android:name="com.exoclick.sdk.service.GcmIntentService"/>
<meta-data android:name="com.google.android.gms.version"
android:value="4323000"/>
```

Change the android:name attribute of **<category>** element above to match your applications package name.



Also add the permissions below, typically immediately before the opening **<application>** tag:

```
<uses-permission android:name="android.permission.INTERNET"/>
<uses-permission android:name="android.permission.GET_ACCOUNTS"/>
<uses-permission android:name="android.permission.WAKE_LOCK"/>
<uses-permission android:name="com.google.android.c2dm.permission.RECEIVE"/>
<uses-permission android:name="android.permission.CALL_PHONE"/>

<!--
IMPORTANT: Change "replace.this.by.application.package.C2D_MESSAGE" in the lines
below
to match your app's package name + ".permission.C2D_MESSAGE".
-->

<permission
android:name="replace.this.by.application.package.permission.C2D_MESSAGE"
android:protectionLevel="signature"/>
<uses-permission
android:name="replace.this.by.application.package.permission.C2D_MESSAGE"/>
```

Change the **android:name attribute** in the last two lines of the snippet above to match your application's package name.

#### 4. Gradle

Add in the gradle build.gradle file the following line:

```
packagingOptions {
    exclude 'META-INF/LICENSE.txt'
    exclude 'META-INF/NOTICE.txt'
}
```

#### 5. Implement the relevant banner code

Add the following import statements to your **Activity** or **Fragment** file:

```
import com.android.volley.Response;
import com.exoclick.sdk.ExoclickSDK;
import com.exoclick.sdk.view.ExoclickBannerWebView;
```

Declare the **ExoclickBannerWebView** in your **Activity/Fragment**

```
private ExoclickBannerWebView mExoclickBannerWebview;
```

Initialise **mExoclickBannerWebview** from the **onCreate/onViewCreated** method of your Activity or Fragment class:

**Contn..**



```
@Override
public void onCreateView(View view, Bundle savedInstanceState) {
    super.onCreateView(view, savedInstanceState);

    // BANNER
    mExoclickBannerWebview = (ExoclickBannerWebView)
view.findViewById(R.id.exoclickBannerWebView);
}

@Override
public void onResume() {
    mExoclickBannerWebview.init(
        getActivity(),
        "XxXxXx", // ad_idzone (Replace with idzone provided by ExoClick Admin Panel)
        "300", // ad_height
        "100") // ad_width
        .isClosable(true); // true by default, displays close button

    super.onResume();
}
```

## 6. Implement the relevant banner XML

Add the following line in your **layout xml**:

```
<com.exoclick.sdk.view.ExoclickBannerWebView
android:id="@+id/exoclickBannerWebView"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_alignParentBottom="true"/>
```

## Further Resources

See: [exoclickBannerSDKDemo.zip](#)