Cuelinks SDK

Integration Guide

Version: 1.0.0

Integration Guide for Android SDK
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www.cuelinks.com

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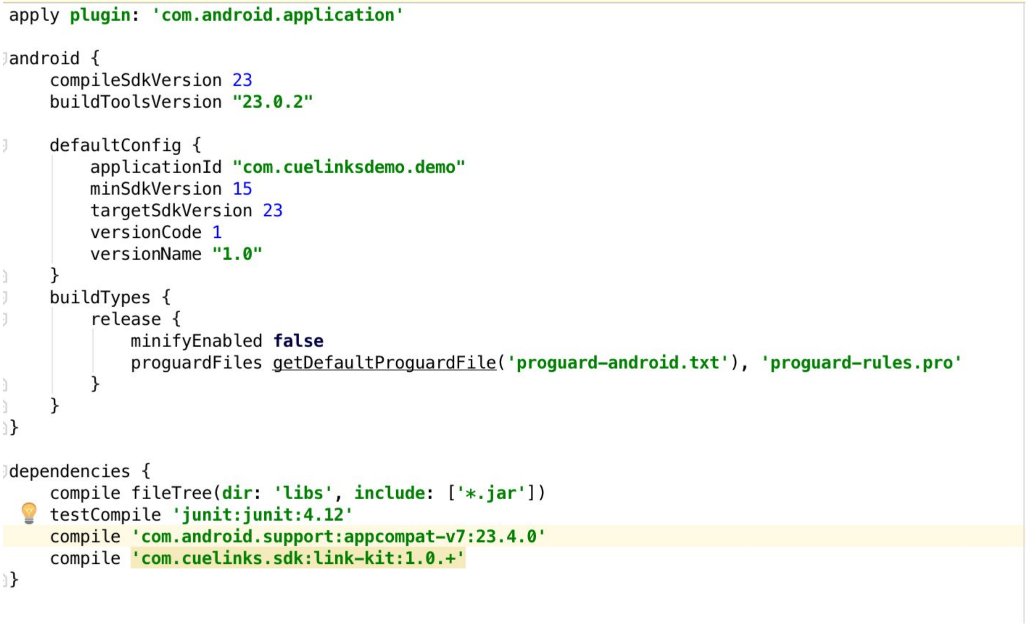
1. Installation Steps

Step 1

Add the following in your app gradle file : compile

```
compile 'com.cuelinks.sdk:link-kit:1.0.+'
```



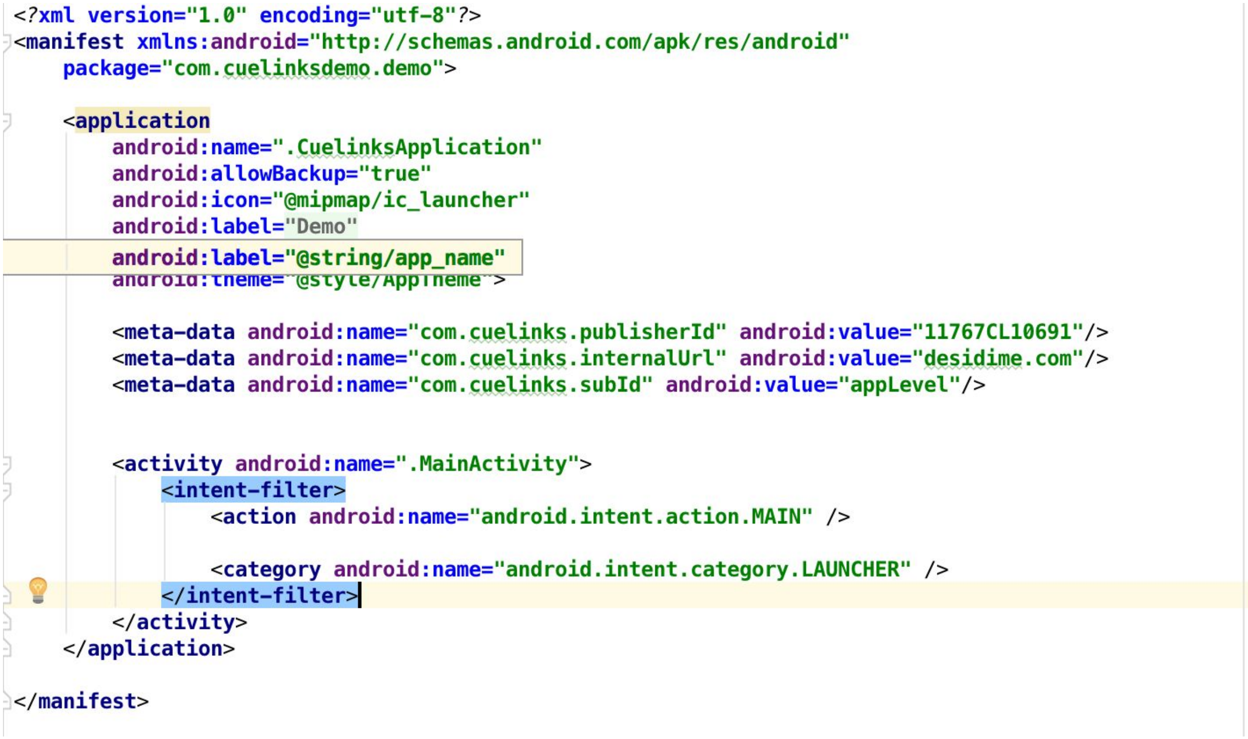
```
apply plugin: 'com.android.application'

android {
    compileSdkVersion 23
    buildToolsVersion "23.0.2"

    defaultConfig {
        applicationId "com.cuelinksdemo.demo"
        minSdkVersion 15
        targetSdkVersion 23
        versionCode 1
        versionName "1.0"
    }
    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
        }
    }
}

dependencies {
    compile fileTree(dir: 'libs', include: ['*.jar'])
    testCompile 'junit:junit:4.12'
    compile 'com.android.support:appcompat-v7:23.4.0'
    compile 'com.cuelinks.sdk:link-kit:1.0.+'
}
```

Step 2

Configure your Publisher Id (mandatory) in the AndroidManifest File.

Provide your `publisherId` (mandatory) in AndroidManifest file as :

```
<meta-data android:name="com.cuelinks.publisherId"
android:value="XXXXCL10XXX”/>
```

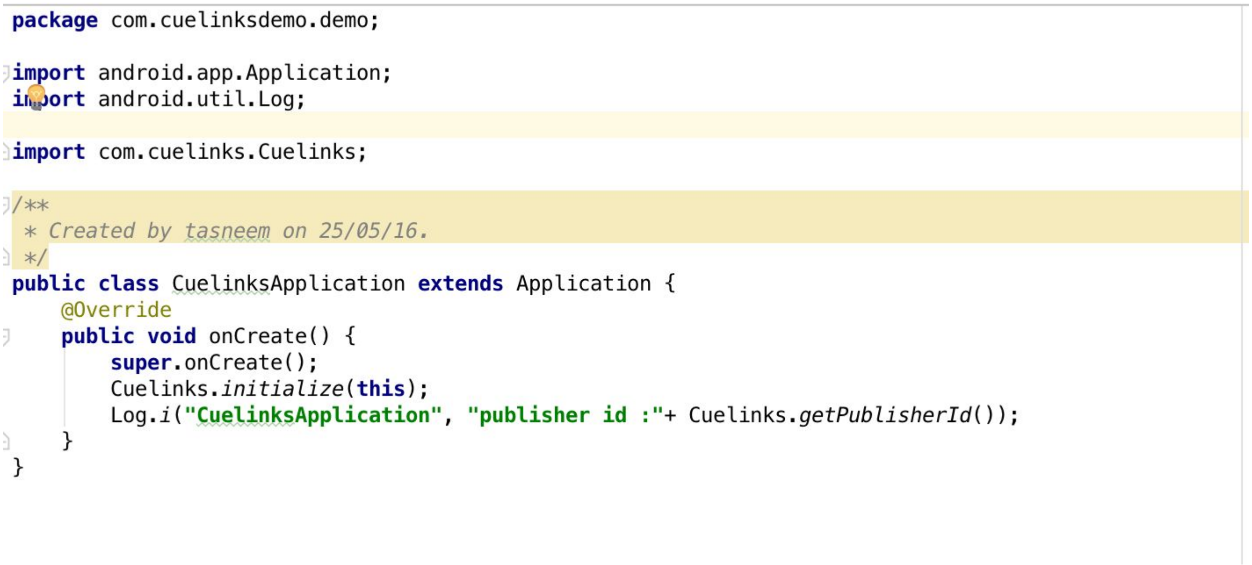


```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.cuelinksdemo.demo">

    <application
        android:name=".CuelinksApplication"
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="Demo"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >

        <meta-data android:name="com.cuelinks.publisherId" android:value="11767CL10691"/>
        <meta-data android:name="com.cuelinks.internalUrl" android:value="desidime.com"/>
        <meta-data android:name="com.cuelinks.subId" android:value="appLevel"/>


        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

Step 3

Initialise the sdk in your app Application file as

```
@Override
 public void onCreate() {
 super.onCreate();
 Cuelinks.initialize(this);
}
```



```
package com.cuelinksdemo.demo;

import android.app.Application;
import android.util.Log;

import com.cuelinks.Cuelinks;

/**
 * Created by tasneem on 25/05/16.
 */
public class CuelinksApplication extends Application {
    @Override
    public void onCreate() {
        super.onCreate();
        Cuelinks.initialize(this);
        Log.i("CuelinksApplication", "publisher id :"+ Cuelinks.getPublisherId());
    }
}
```

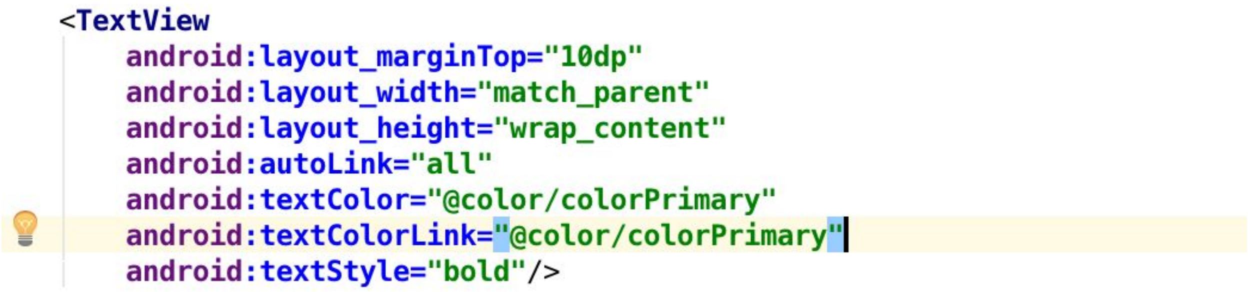
Step 4

Now you are ready to use the SDK , wherever you want to convert your link you can use the followings in your TextView, default behaviour is if you want to redirect all the links to browser.

Adding affiliate links in normal text:

In the activity layout file add

```
android:autoLink="all"
```



```
<TextView
    android:layout_marginTop="10dp"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:autoLink="all"
    android:textColor="@color/colorPrimary"
    android:textColorLink="@color/colorPrimary"
    android:textStyle="bold"/>
```

```
textView.setMovementMethod(CuelinkMovementMethod.getInstance(MainActiv
ity.this));
```

Adding affiliate links in html text :

```
textView.setText(CuelinkSpan.affiliateHrefUrlsFromHtml(HtmlText,
textView, MainActivity.this));
```

2. Additional Settings

1. Passing a SubId

Configuring subId in your affiliate links also possible with default and dynamic subId configurations. You can configure the default `subId` (optional) for in the AndroidManifest

```
<meta-data android:name="com.cuelinks.subId"
android:value="yoursubid”/>
```

pass it dynamically in with the links.

Dynamic subId in normal text

```
textView.setMovementMethod(CuelinkMovementMethod.getInstance(MainAct
ivity.this, subId));
```

Dynamic subId in html text

```
textView.setText(CuelinkSpan.affiliateHrefUrlsFromHtml(HtmlText,
textView, MainActivity.this, subId));
```

2. Adding Internal Deeplink URLs

Configure the base URL of your internal deeplink URL’s so that the SDK doesn’t affiliate those URLs. You can configure the `internalUrl` (optional) for in the AndroidManifest

```
<meta-data android:name="com.cuelinks.internalUrl"
android:value="example.com”/>
```

3. Overriding the default behaviour

If you wish to override the default method with a custom method:

Implement interface `CuelinkListener` and override method `openUrl` in it, as per your requirements. Note: Here the url will be affiliated already unless configured as internalUrl in Android Manifest file.

```
       @Override
       public void openUrl(String url, Context context) {
              Your code goes here..
       }
```

And pass the reference of your listener as :

Overriding affiliate links in normal text

```
textView.setMovementMethod(CuelinkMovementMethod.getInstance(MainAct
ivity.this, (CuelinkListener)MainActivity.this));
```

Overriding affiliate links in html text

```
textView.setText(CuelinkSpan.affiliateHrefUrlsFromHtml(HtmlText,
textView, MainActivity.this, (CuelinkListener)MainActivity.this));
```

3. Demo Project

For a better understanding of the installation and working of Cuelinks SDK, you can refer the demo project mentioned below:

1. Clone project as ' git clone git@github.com:TasneemBohra/cuelinkSDKDemo.git '
2. Change publisherId, internalUrl and subId in Android Manifest file and observe the affiliated urls.