

# SwipeSDK for Android Access Guide

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SwipeSDK V1.0

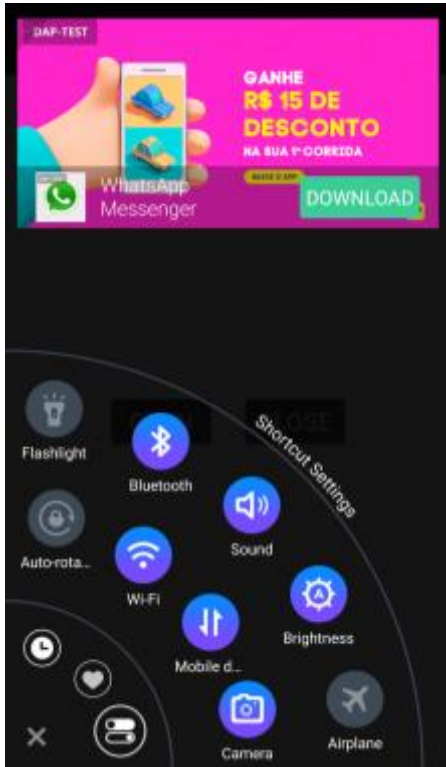
**Baidu Online Network Technology(Beijing) Co.,Ltd**

No.	DUAd10120150810
Date	2017-07-06
Ver.	1.0
Email	support_duad@baidu.com

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A sample of Swipe Ads

## 1. Obtain Identity

Please refer to the chapter 3 in HW or CW version of DUADplatform SDK Access Guide to obtain necessary identities.

When applying for the DAP Placement ID , please make sure the app format you choose is **【Swipe】** .

Create placement ×

\* Placement name :

\* Steps to trigger Ads :  ⓘ

\* Ad Format :  Native  Interstitial  Offerwall  
 Banner  Video  Trigger  Caller  
 Weather Wizard  Swipe

Third-party platform ID configuration (For ads from third-party platform, fill in this field)

## 2. Load SDK and Configuration

This section describes the way of integrate SwipeSDK in Android app, configurate AndroidManifest.xml, and obfuscate code based on project needs.

### 2.1 Load SwipeSDK

Please refer to the chapter 4.1 in HW or CW version of DUADplatform SDK Access Guide to load DU SDK.

#### Notice: Swipe is not supported in the following cases

- (1) Android version is less than 11;
- (2) Android version is higher than 25 and no SYSTEM\_ALERT\_WINDOW permission ;
- (3) Phone with MIUI System ;

#### Currently DU Caller SDK must rely on DU Ad Platform\_SDK HW1.0.9.7 or CW1.0.9.6 (included) plus SDK version.

For accessing DuCaller, the below operations are needed.

1) Copy the SwipeSDK-Vx.x.aar and nineoldandroids.jar to your Android Project, under the libs directory in root directory

2) Then configure build.gradle:

```
repositories {
    flatDir {
        dirs 'libs'
    }
}
dependencies {
    compile fileTree(include: ['*.jar'], dir: 'libs')
    compile(name: 'DuappsAd-xW-xxx-release', ext: 'aar')
    // SwipeSDK must rely on DU AD SDK
    compile(name: 'SwipeSDK-Vx.x', ext:'aar')
}
```

\* Note: The assigned directory of flatDir is where the aar file is placed.

### 2.2 Configure AndroidManifest.xml

Please refer to the chapter 4.1 in HW or CW version of DUADplatform SDK Access Guide to configure AndroidManifest.xml

#### A. Add a user-permission element to the manifest.

For accessing SwipeSDK, **MUST provide** the following permissions:

```
<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
<uses-permission android:name="android.permission.SYSTEM_ALERT_WINDOW" />
```

In order to ensure that the shortcut of SwipeSDK function can be used, please add the following permissions.

```
<uses-permission android:name="android.permission.GET_TASKS" />
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE" />
<uses-permission android:name="android.permission.CHANGE_WIFI_STATE" />
<uses-permission android:name="android.permission.BLUETOOTH" />
<uses-permission android:name="android.permission.BLUETOOTH_ADMIN" />
<uses-permission android:name="android.permission.CHANGE_NETWORK_STATE" />
<uses-permission android:name="android.permission.WRITE_SETTINGS" />
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE" />
<uses-permission android:name="android.permission.CAMERA" />
```

## B. Add Activity.

```
<activity
    android:name="com.swipe.BrightnessChangeActivity"
    android:excludeFromRecents="true"
    android:launchMode="singleInstance"
    android:noHistory="true"
    android:screenOrientation="portrait"
    android:theme="@android:style/Theme.Translucent.NoTitleBar" />
<activity
    android:name="com.swipe.EmptyActivity"
    android:excludeFromRecents="true"
    android:launchMode="singleInstance"
    android:noHistory="true"
    android:screenOrientation="portrait"
    android:theme="@android:style/Theme.Translucent.NoTitleBar" />
```

## 2.3 Obfuscate Code

Please refer to the chapter 4.3 in HW or CW version of DUADplatform SDK Access Guide to Obfuscate Code.

## 3. Initialization

Please refer to the chapter 5 in HW or CW version of DUADplatform SDK Access Guide to finish SDK initialization.

For accessing Swipeads, please add a "native" tag in Json, and input your corresponding placement ID.

```
{
  "native": [
    {
      "pid": "YOUR_DAP_PLACEMENT_ID"
    }
  ]
}
```

- Method

Use the following methods to initialize the SDK from onCreate in your Application class.

\* Note: Please use this interface as described below, otherwise it may cause the initialization to be invalid.

```
/**
 * initialize SwipeSDK
 * @param pid DAP placement id
 */
SwipeMgr.onAppStart(this);
SwipeMgr.getInstance().setAdSid(int pid);
```

- Interface Instruction:

**public static void** setAdSid(int pid);

Parameters	Description
int pid	The pid of Swipe Ads.

## 4. Related interface

(1) To switch the swipe function.

**SwipeMgr.getInstance().setSwipeOpen(boolean value);**

(2) To determine whether the swipe function is opened.

**SwipeMgr.getInstance().isSwipeEnable();**