

# Gideros Guide for MoPub Plugin

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Copy files to the respective directory on exported Gideros project.

Copy **<Gideros Installation Directory>\Sdk\include** to **jni\sdk\include**

Create **Android.mk** file in **jni** directory and write the following:

```
LOCAL_PATH := $(call my-dir)

#
# Gideros Shared Library
#
include $(CLEAR_VARS)

LOCAL_MODULE      := gideros
LOCAL_SRC_FILES   := ../libs/$(TARGET_ARCH_ABI)/libgideros.so

include $(PREBUILT_SHARED_LIBRARY)

#
# Lua Socket Library
#
include $(CLEAR_VARS)

LOCAL_MODULE      := luasocket
LOCAL_SRC_FILES   := ../libs/$(TARGET_ARCH_ABI)/libluasocket.so

include $(PREBUILT_SHARED_LIBRARY)

#
# Lua File System Library
#
include $(CLEAR_VARS)

LOCAL_MODULE      := lfs
LOCAL_SRC_FILES   := ../libs/$(TARGET_ARCH_ABI)/liblfs.so

include $(PREBUILT_SHARED_LIBRARY)
```

Add the following to **Android.mk** file

```
#
# AdColony Plugin
#
include $(CLEAR_VARS)

LOCAL_MODULE      := adcolony
LOCAL_ARM_MODE    := arm
LOCAL_CFLAGS      := -O2
LOCAL_C_INCLUDES  += $(LOCAL_PATH)/sdk/include
LOCAL_SRC_FILES   := adcolony/adcolony.cpp adcolony/adcolonybinder.cpp
```

```
LOCAL_LDLIBS      := -ldl -llog
LOCAL_SHARED_LIBRARIES := gideros

include $(BUILD_SHARED_LIBRARY)
```

Add the following changes in your **AndroidManifest.xml** under **manifest** tag. Replace PACKAGE\_NAME with the package name for your application.

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

Add the following changes in your **AndroidManifest.xml** under **application** tag

```
<activity android:name="com.jirbo.adcolony.AdColonyOverlay"
    android:configChanges="keyboardHidden|orientation"
    android:theme="@android:style/Theme.Translucent.NoTitleBar.Fullscreen" />
<activity android:name="com.jirbo.adcolony.AdColonyFullscreen"
    android:configChanges="keyboardHidden|orientation"
    android:theme="@android:style/Theme.Black.NoTitleBar.Fullscreen" />
<activity android:name="com.jirbo.adcolony.AdColonyBrowser"
    android:configChanges="keyboardHidden|orientation"
    android:theme="@android:style/Theme.Black.NoTitleBar.Fullscreen" />
```

Add:

```
System.loadLibrary("adcolony");
```

just right after :

```
System.loadLibrary("gideros");
System.loadLibrary("luasocket");
System.loadLibrary("lfs");
```

And add Plugin class inside externalClasses like that:

```
static private String[] externalClasses = {
    "com.nightspade.gideros.android.plugins.adcolony.GAdColony"};
```