

Gideros Guide for Chartboost Plugin

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

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

LOCAL_MODULE      := chartboost
LOCAL_ARM_MODE    := arm
LOCAL_CFLAGS      := -O2
LOCAL_C_INCLUDES  += $(LOCAL_PATH)/sdk/include
```

```

LOCAL_SRC_FILES      := chartboost/gchartboost.cpp
                        chartboost/chartboostbinder.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.ACCESS_NETWORK_STATE"/>
<uses-permission android:name="android.permission.INTERNET"/>
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE"/>

```

Now modify the main activity of your Gideros project. Add following import statement:

```
import com.nightspade.gideros.android.plugins.chartboost.GChartBoost;
```

Add:

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

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.chartboost.GChartBoost "};

```

And modify onKeyUp method to

```

@Override
public boolean onKeyUp(int keyCode, KeyEvent event)
{
    if(GChartBoost.onKeyUp(keyCode, event) == true)
        return true;

    if (GiderosApplication.getInstance().onKeyUp(keyCode, event) == true)
        return true;

    return super.onKeyUp(keyCode, event);
}

```