OBB
APK (ObbMountActivity.apk)
Usage

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Installation

1. In folder **OBB-Test-Data** :

   # **obbdir** folder is for creating an OBB file .

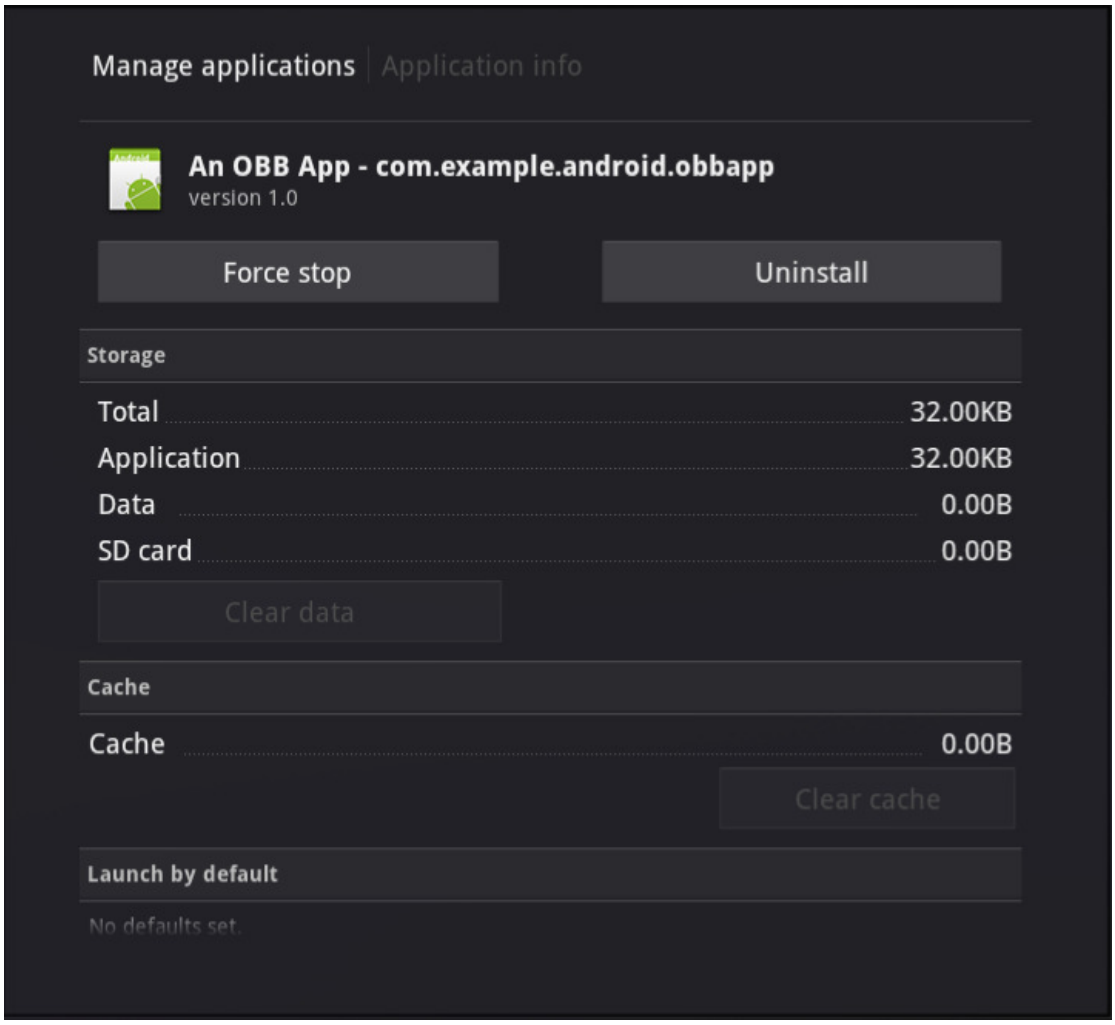
   # **obbtest.obb** is the signed OBB file created from "**obbdir**" folder.

2. **adb push obbtest.obb /sdcard/**

3. **adb install ObbMountActivity.apk**

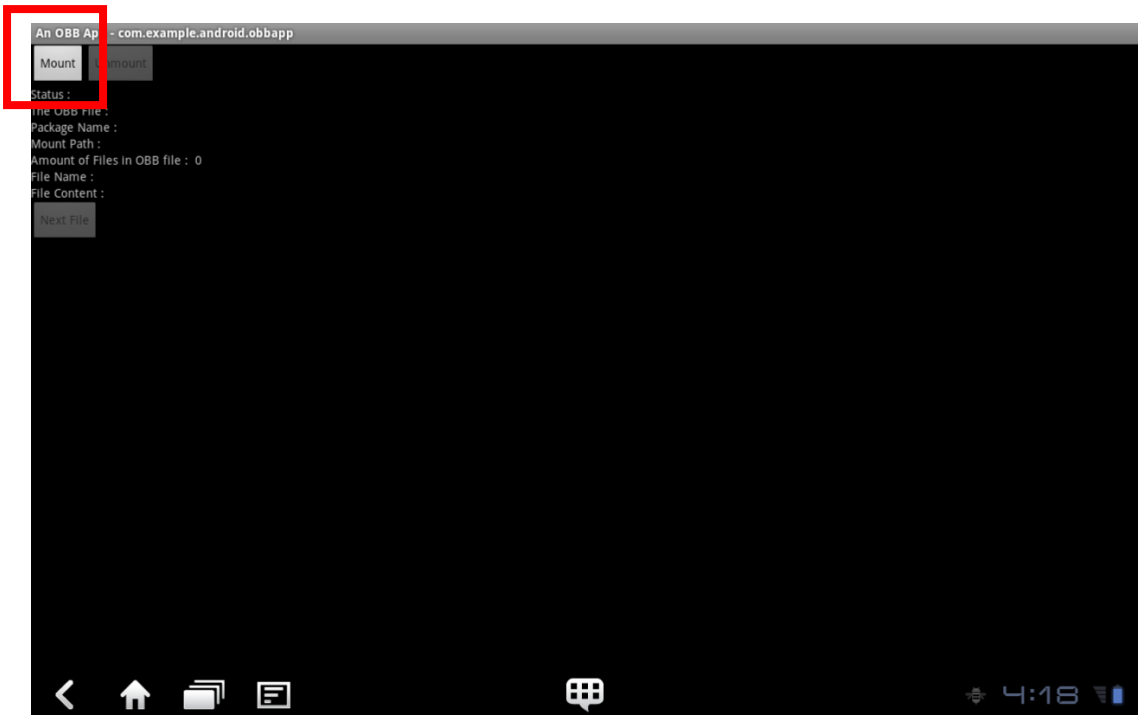
4. Invoke **ObbMountActivity** named

   "**An OBB App-com.example.android.obbapp**"

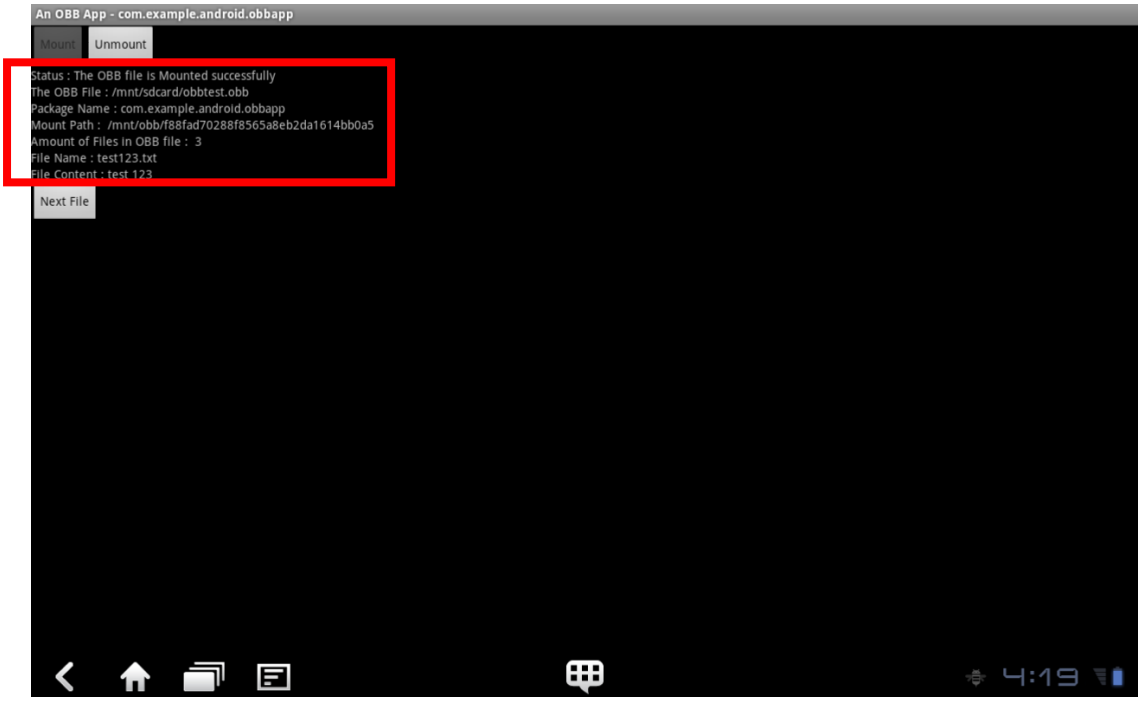

Manage applications
Application info
An OBB App - com.example.android.obbapp
version 1.0
Force stop
Uninstall
Storage
Total
32.00KB
Application
32.00KB
Data
0.00B
SD card
0.00B
Clear data
Cache
Cache
0.00B
Clear cache
Launch by default
No defaults set.

Use ObbMountActivity

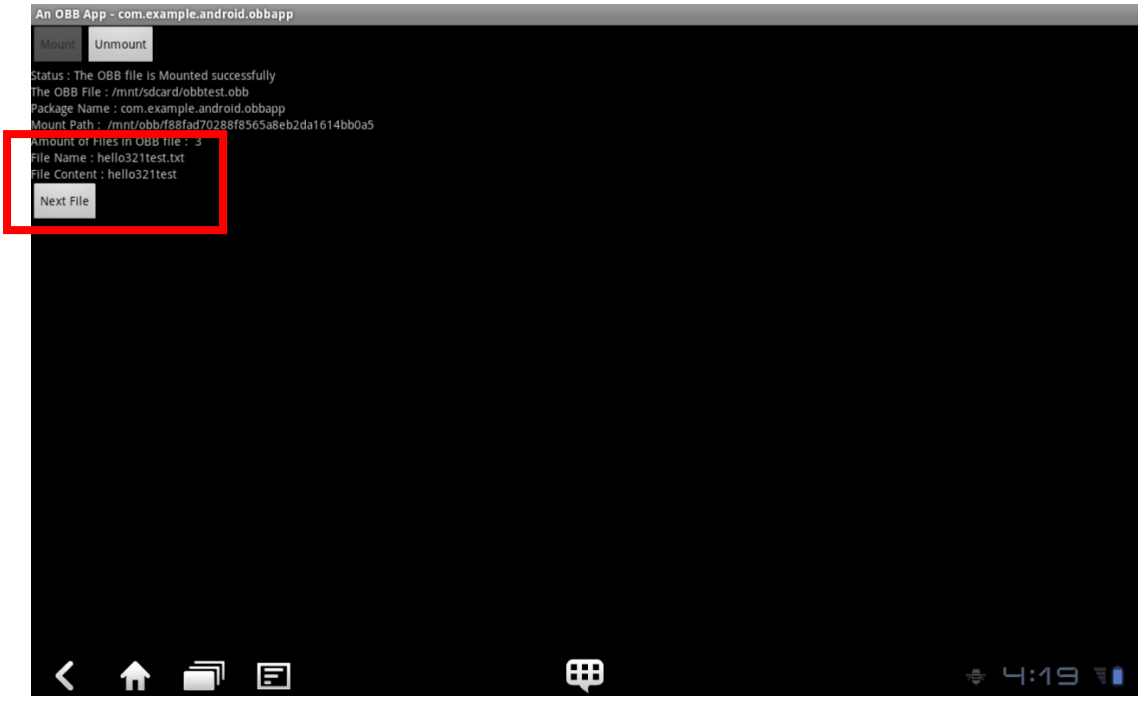
1. Press "**Mount**" button to mount the OBB file "**obbtest.obb**" under /sdcard folder



After mounting OBB file successfully, you can see informations about the OBB file.



2. Press "**Next File**" button continuously to view all files in the OBB file.
   Files' informations are shown in "**File Name**" and "**File Content**" fields.



3. Press "**Unmount**" button to unmount the OBB file.

ObbMountActivity Codes

Source folder : **OBB-APK-Source**

This Android application is based on Android sample code :

AndroidSrc-Honeycomb-3.2/development/samples/Obb

.

It uses ***StorageManager*** to do OBB file mounting[***StorageManager. mountObb()***] and unmounting[***StorageManager.unmountObb()***] process.

It uses ***android.content.res.ObbScanner.getObbInfo()*** to retrieve OBB relative informations from an OBB file. This method returns an object of ***android.content.res.ObbInfo*** type.

This APK uses "**filename**" and "**packageName**" public fields of ***android.content.res.ObbInfo***.

Once the OBB file is mounted, it will scan and store the name of all files in the OBB file. Each time the user press "**Next File**" button, it will read the content of the next file in the file list and show the content to the UI.