

|                  |               |                   |                                       |
|------------------|---------------|-------------------|---------------------------------------|
| Status:          | CLOSED        | Start date:       | 2023-05-23                            |
| Priority:        | Normal        | Due date:         |                                       |
| Assignee:        | CDTS_Test 吴诗雨 | % Done:           | 100%                                  |
| Category:        | CD-APP        | Estimated time:   | 0.00 hour                             |
| Target version:  |               |                   |                                       |
| Need_Info:       | --            | Found Version:    | 副屏：01.00.0095.c103 中控：03.02.0080.C101 |
| Resolution:      | FIXED         | Degrated:         | No                                    |
| Severity:        | Normal        | Verified Version: |                                       |
| Reproducibility: | Rarely        | Fixed Version:    | 2023-06-01                            |
| Test Type:       | ST            | Root cause:       | AOSP问题                                |

Description

【环境信息】EE环境

【问题出现时间】：20230523 9点42分（第159次开机）

【前提条件】：车机上电（KL30ON，KL15 ON，已连接中控和功放，可正常输出声音）

1.副屏进入音乐界面

【实际结果】

副屏端音乐界面显示异常标志。

【期望结果】

副屏音乐界面显示正常，无异常标志。

【备注】：

此现象仅出现一次，且在其它应用界面未出现。

车架号VIN：HRYTTESTVINMGM400

中控端log可从云端获取

副屏log地址：<https://ofs.human-horizons.com/#/download/index/6m3QiXYT8Ks%3D>

视频地址：<https://ofs.human-horizons.com/#/download/index/h9CWhqVk1kw%3D>

【影响版本】：副屏：01.00.0095.c103 中控：03.02.0080.C101

【硬件版本号】：/

【是否能恢复】：

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| History                                                                                                                         |
| #1 - 2023-05-23 13:57 - CDTs_Test 吴诗雨                                                                                           |
| <a href="ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/Bug_118177">ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/Bug_118177</a> |
| #2 - 2023-05-23 20:49 - CD APP-王营                                                                                               |
| - Status changed from New to NEED_INFO                                                                                          |
| - Assignee changed from CD APP-王营 to CDTs_Test 吴诗雨                                                                              |

【状态】

分析了问题产生时间点的log，Music应用无异常日志输出，通过视频来看此问题属于UI层面问题，需要复现问题，查看此弹框显示的原因和布局

【下一步】

请帮忙提供复现方式

#3 - 2023-05-25 17:58 - CDTS\_Test 吴诗雨

- Assignee changed from CDTS\_Test 吴诗雨 to CD APP-王营

在5月25日约8点24分左右看到monkey测试时音乐界面中显示了异常标志，8点28分停止monkey后查看音乐界面，异常标志消失。副屏导出monkey测试的实时和历史日志地址：<https://ofs.human-horizons.com/#/download/index/0VWehheMjb8%3D>

日志已经更新到[ftp://cdiot@192.168.87.46/Pre\\_figure/Test\\_Log/Bug\\_118177](ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/Bug_118177)

#4 - 2023-05-26 15:06 - CD APP-王营

- Status changed from NEED\_INFO to ASSIGNED

【状态】

分析中

【分析】

Log中未能发现此现象相关的错误日志，目前有以下几个发现

- 1、此现象只在Music 音乐人板块出现，界面底部有音乐在播放，但是顶部音乐人列表没有对应数据显示，猜测音乐列表加载出现异常，此标志为一个错误提示，需要进一步调查。
- 2、在monkey测试中容易复现。

【下一步】

- 1、继续分析音乐人界面逻辑，对应的fragment为：ArtistAlbumBrowserFragment
- 2、使用userdebug版本跑monkey测试，复现此问题，在userdebug版本上通过monitor工具查看异常情况的View结构。

#5 - 2023-05-30 17:52 - CD APP-王营

【分析】

Monkey测试在userdebug上复现此问题，目前使用monitor无法抓取View的层次结构，出现了异常

【下一步】

继续分析此界面的逻辑，尝试获取View布局结构

#6 - 2023-05-31 14:11 - CD APP-王营

- % Done changed from 0 to 100
- Resolution changed from -- to FIXED
- Degrated changed from -- to No
- Fixed Version set to 2023-06-01
- Root cause set to AOSP问题

## 【状态】

问题已解决

## 【分析】

此标志非bug，是Android原生控件的一个功能，AbsListView中如果listview或者GridView设置了setTextFilterEnable（true）会激活过滤器的功能在Music应用中一些列表中就开启了此功能，此弹框为一个PopupWindow，此PopupWindow在keyEvent派发的时候也会出现。

当前出现的场景是Monkey测试中，Monkey派发了一些keyevent事件导致此窗口弹出，对此窗口进行了调试，log如下

```
05-31 10:15:32.700 26099 26099 I Monkey : Sleeping for 200 milliseconds
05-31 10:15:32.879 654 666 I mpu_uart: [MSG-P:RCV]:No message received in 1000 ms
05-31 10:15:32.972 26099 26099 I Monkey : :Sending Key (ACTION_DOWN): 82 // KEYCODE_MENU
05-31 10:15:32.977 22680 22680 D ViewTouchDebug: mView : DecorView@fe07ff[MusicBrowserActivity]Receive event : KeyEvent { action=ACTION_DOWN,
keyCode=KEYCODE_MENU, scanCode=0, metaState=0, flags=0x8, repeatCount=0, eventTime=50333668, downTime=50333668, deviceId=-1, source=0x101,
displayId=-1 }
05-31 10:15:32.979 22680 22680 D PopupWindow: xxxx
05-31 10:15:32.979 22680 22680 D PopupWindow: java.lang.Throwable
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.PopupWindow.<init>(PopupWindow.java:314)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.PopupWindow.<init>(PopupWindow.java:305)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.PopupWindow.<init>(PopupWindow.java:296)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.PopupWindow.<init>(PopupWindow.java:287)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.AbsListView.createTextFilter(AbsListView.java:6281)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.AbsListView.sendToTextFilter(AbsListView.java:6052)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.ListView.commonKey(ListView.java:2491)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.ListView.onKeyDown(ListView.java:2363)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.KeyEvent.dispatch(KeyEvent.java:2854)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.View.dispatchKeyEvent(View.java:14478)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1959)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.widget.ListView.dispatchKeyEvent(ListView.java:2348)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1964)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1964)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1964)
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05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewGroup.dispatchKeyEvent(ViewGroup.java:1964)
05-31 10:15:32.979 22680 22680 D PopupWindow: at com.android.internal.policy.DecorView.superDispatchKeyEvent(DecorView.java:505)
05-31 10:15:32.979 22680 22680 D PopupWindow: at com.android.internal.policy.PhoneWindow.superDispatchKeyEvent(PhoneWindow.java:1880)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.app.Activity.dispatchKeyEvent(Activity.java:4193)
05-31 10:15:32.979 22680 22680 D PopupWindow: at com.android.music.MediaPlaybackActivity.dispatchKeyEvent(MediaPlaybackActivity.java:1260)
05-31 10:15:32.979 22680 22680 D PopupWindow: at com.android.internal.policy.DecorView.dispatchKeyEvent(DecorView.java:419)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$ViewPostImeInputStage.processKeyEvent(ViewRootImpl.java:6293)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$ViewPostImeInputStage.onProcess(ViewRootImpl.java:6159)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:5641)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:5698)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:5664)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:5829)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:5672)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:5886)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:5645)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:5698)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:5664)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:5672)
```

```
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:5645)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:5698)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:5664)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:5862)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.ViewRootImpl$ImeInputStage.onFinishedInputEvent(ViewRootImpl.java:6020)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.inputmethod.InputMethodManager$PendingEvent.run(InputMethodManager.java:3158)
05-31 10:15:32.979 22680 22680 D PopupWindow: at
android.view.inputmethod.InputMethodManager.invokeFinishedInputEventCallback(InputMethodManager.java:2722)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.inputmethod.InputMethodManager.finishedInputEvent(InputMethodManager.java:2713)
05-31 10:15:32.979 22680 22680 D PopupWindow: at
android.view.inputmethod.InputMethodManager$ImeInputEventSender.onInputEventFinished(InputMethodManager.java:3135)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.view.InputEventSender.dispatchInputEventFinished(InputEventSender.java:154)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.os.MessageQueue.nativePollOnce(Native Method)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.os.MessageQueue.next(MessageQueue.java:335)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.os.Looper.loopOnce(Looper.java:161)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.os.Looper.loop(Looper.java:288)
05-31 10:15:32.979 22680 22680 D PopupWindow: at android.app.ActivityThread.main(ActivityThread.java:7880)
05-31 10:15:32.979 22680 22680 D PopupWindow: at java.lang.reflect.Method.invoke(Native Method)
05-31 10:15:32.979 22680 22680 D PopupWindow: at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
05-31 10:15:32.979 22680 22680 D PopupWindow: at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1009)
05-31 10:15:33.048 26099 26099 I Monkey : :Sending Key (ACTION_UP): 82 // KEYCODE_MENU
05-31 10:15:33.050 22680 22680 D ViewTouchDebug: mView : DecorView@fe07ff[MusicBrowserActivity]Receive event : KeyEvent { action=ACTION_UP,
keyCode=KEYCODE_MENU, scanCode=0, metaState=0, flags=0x8, repeatCount=0, eventTime=50333744, downTime=50333744, deviceId=-1, source=0x101,
displayId=-1 }
05-31 10:15:33.120 26099 26099 I Monkey : Sleeping for 200 milliseconds
```

以上为此window弹出的堆栈信息  
综上：此问题在Music的使用中不会出现，在monkey测试中会出现，因此对Monkey测试进行独立处理，keyevent的事件不需要下发

【提交】

<https://dev.thundercomm.com/gerrit/c/general/platform/packages/apps/SnapdragonMusic/+/203732>

#7 - 2023-05-31 14:27 - IoT scm  
Gerrit Merge Information :

| ID                                                                                                                                                          | Project                                        | Branch                                    | Uploader                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------|---------------------------|
| 203732                                                                                                                                                      | general/platform/packages/apps/SnapdragonMusic | Pre_figure_turbox-c2130c-la1.1-qssi12-dev | ying.wang@thundersoft.com |
| AF: SnapdragonMusic: Fix the symbol when running monkey testTC-RID: 0301-0301201IssueID: TS-R-BUG-118177Change-Id: Icf258ded85af4be3074c32b1d44a6354056f6db |                                                |                                           |                           |

#8 - 2023-05-31 14:29 - CD APP-王营  
- Status changed from ASSIGNED to RESOLVED  
- Assignee changed from CD APP-王营 to CDTS\_Test 吴诗雨

#9 - 2023-06-02 17:34 - CDTS\_Test 吴诗雨

已同步

#10 - 2023-06-02 17:55 - CD TEST-方永红  
- Status changed from RESOLVED to VERIFIED

#11 - 2023-06-02 17:55 - CD TEST-方永红  
- Status changed from VERIFIED to CLOSED

| Files                 |         |            |               |
|-----------------------|---------|------------|---------------|
| 音乐界面异常字符.png          | 902 KB  | 2023-05-23 | CDTS_Test 吴诗雨 |
| 9点42分音乐界面显示异常字符标志.mp4 | 14.3 MB | 2023-05-23 | CDTS_Test 吴诗雨 |