

Figure - Bug #116963

测试 Test-IT # 111062 (New): V3.0功能测试

测试 Test-IT # 111069 (New): AF-V3.0--Launcher/SystemUI-小窗模式入口

【AF】【EVT】【小窗模式】打开音乐小窗以后，再打开视频小窗，视频或图片小窗以mini小窗出现，屏幕上会有两个小窗【出现一次】

2023-03-15 16:53 - CDTS_Test 吴诗雨

Status:	CLOSED	Start date:	2023-03-15
Priority:	High	Due date:	
Assignee:	CDTS_Test 吴诗雨	% Done:	0%
Category:	窗口定制	Estimated time:	0.00 hour
Target version:		Found Version:	FlatBuild_HH_MCE_FSE.M.R.user.01.00.0082
Need_Info:	--	Degrated:	--
Resolution:	FIXED	Verified Version:	
Severity:	Normal	Fixed Version:	
Reproducibility:	Rarely	Root cause:	由于FreeFormWindowHelper中添加freeform task的时
Test Type:	ST		
Description			
【前提条件】 1、设备已开机 【测试步骤】 1、打开音乐小窗 2、长按视频/图片，点击小窗 3、查看屏幕情况 【预期结果】 3、正常显示 【实际结果】 3、音乐小窗仍然在，视频/图片小窗以mini小窗的形式出现。屏幕上共有两个小窗 【备注】 在打开音乐小窗后反复切换mini和正常小窗，再打开的视频/图片小窗			

History

- #1 - 2023-03-15 17:13 - CD FW 曹覃刚
- Category changed from CD-FW to 窗口定制
- Status changed from New to ASSIGNED
- #2 - 2023-03-15 18:59 - CDTS_Test 吴诗雨
- File log3.txt added
- File 20230315-185833.jpeg added
- File 20230315-185900.jpg added
- Category changed from 窗口定制 to CD-FW

出现recent界面有两个小窗的情况，小窗卡片里有一个应用，表面还有另一个应用。

复现步骤：

- 1、打开图片/音乐/视频小窗，缩成mini
- 2、进入recent界面查看，返回

3、每次打开不同的应用重复1、2步骤

#3 - 2023-03-15 19:22 - CD TEST-方永红

- Category changed from CD-FW to 窗口定制

#4 - 2023-03-17 18:33 - CD FW-鲁凯峰

- Root cause set to 由于FreeFormWindowHelper中添加freeform task的时候,出现了异常,导致上一个Task没有删掉

■ Current conclusion

问题已经解决

■ My analysis

导致问题的原因是由于FreeFormWindowHelper中添加freeform task的时候,出现了异常,导致上一个Task没有删掉

```
03-14 04:05:17.562 2625 2625 E AndroidRuntime: Caused by: android.os.RemoteException: Remote stack trace:
03-14 04:05:17.562 2625 2625 E AndroidRuntime:   at
com.android.server.wm.FreeFormWindowHelper.lambda$addRootTaskReferenceIfNeeded$1$FreeFormWindowHelper(FreeFormWindowHelper.java:331)
03-14 04:05:17.562 2625 2625 E AndroidRuntime:   at com.android.server.wm.FreeFormWindowHelper$$ExternalSyntheticLambda0.accept(Unknown Source:4)
03-14 04:05:17.562 2625 2625 E AndroidRuntime:   at com.android.server.wm.ActivityRecord.forAllActivities(ActivityRecord.java:4082)
03-14 04:05:17.562 2625 2625 E AndroidRuntime:   at com.android.server.wm.WindowContainer.forAllActivities(WindowContainer.java:1457)
03-14 04:05:17.562 2625 2625 E AndroidRuntime:   at com.android.server.wm.WindowContainer.forAllActivities(WindowContainer.java:1451)
```

解决方法,在添加task的时候,加个非空的判断就行

■ Submit URL

<http://10.0.232.3:3307/gerrit/c/general/platform/frameworks/base/+/188512>

#5 - 2023-03-20 11:21 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
188512	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-dev	lukf0916@thundersoft.com
AF:MultiWindow: fix mutil freeform windowsTC-RID: 1201-0204601IssueID: TS-R-DF-116963Change-Id: Ic90dab6740880c528cce8b7853736aa5872f39fb			

#6 - 2023-03-20 11:24 - CD FW-鲁凯峰

- Status changed from ASSIGNED to RESOLVED
- Assignee changed from CD FW-鲁凯峰 to CDTS_Test 吴诗雨
- Resolution changed from -- to FIXED

#7 - 2023-03-21 11:21 - CDTS_Test 吴诗雨

【验证版本】FlatBuild_HH_MCE_FSE.M.R.user.01.00.0084.C101

【验证情况】

- 1、打开视频、音乐、图库小窗，缩成mini，返回recent查看。重复以上步骤30遍，未出现异常
- 2、打开视频小窗切换成mini，再打开音乐小窗切换成mini，再打开图库小窗切换成mini。重复以上步骤30遍，未出现异常

#8 - 2023-03-21 11:33 - CDTS_Test 吴诗雨
- Status changed from RESOLVED to VERIFIED

#9 - 2023-03-21 11:34 - CDTS_Test 吴诗雨
- Status changed from VERIFIED to CLOSED

Files				
logcat.txt	3.75 MB	2023-03-15	CDTS_Test 吴诗雨	
20230315-164626.mp4	3.37 MB	2023-03-15	CDTS_Test 吴诗雨	
20230315-163850.jpg	109 KB	2023-03-15	CDTS_Test 吴诗雨	
log3.txt	4.09 MB	2023-03-15	CDTS_Test 吴诗雨	
20230315-185833.jpeg	88.2 KB	2023-03-15	CDTS_Test 吴诗雨	
20230315-185900.jpg	222 KB	2023-03-15	CDTS_Test 吴诗雨	