

Figure - Bug #113470

测试 Test-ST # 113421 (New): V4.0功能与专项测试

测试 Test-ST # 113422 (New): V4.0专项--AF专项--monkey测试

【AF】【EVT2】【Monkey】Monkey测试8小时，出现CRASH: com.android.settings (8)

2022-11-01 14:48 - CD Test赵飞

Status:	CLOSED	Start date:	2022-11-01
Priority:	Normal	Due date:	
Assignee:	CD Test赵飞	% Done:	100%
Category:	CD-FW	Estimated time:	0.00 hour
Target version:	VX1_MCE_FSE_V5.0_20221230	Found Version:	FlatBuild_HH_VX1_MCE_FSE.M.D.user.01.00.X101.2
Need_Info:	--	Degrated:	No
Resolution:	FIXED	Verified Version:	
Severity:	Normal	Fixed Version:	2022-11-25
Reproducibility:	Frequently	Root cause:	由于handler 内存泄漏，以及对生命周期管理不合理
Test Type:	Monkey Test		
Description			
执行命令：			
1. adb shell			
2. monkey --ignore-crashes --ignore-timeouts --ignore-security-exceptions --monitor-native-crashes --ignore-native-crashes -s 20 --throttle 200 --pct-touch 30 --pct-motion 15 --pct-nav 15 --pct-majornav 15 --pct-syskeys 5 --pct-appswitch 5 --pct-anyevent 5 --ignore-crashes -v -v -v 180000			
2>/sdcard/error.txt 1>/sdcard/info.txt			
错误日志：			
10-28 09:28:33.806 6173 22850 W Monkey : // CRASH: com.android.settings (pid 5284)			
10-28 09:28:33.806 6173 22850 W Monkey : // Short Msg: java.lang.NullPointerException			
10-28 09:28:33.807 6173 22850 W Monkey : // Long Msg: java.lang.NullPointerException: Attempt to invoke virtual method 'java.lang.Object android.content.Context.getSystemService(java.lang.Class)' on a null object reference			
10-28 09:28:33.807 6173 22850 W Monkey : // Build Label: TC/figure_CN/figure:12/SKQ1.220201.001/1230:userdebug/test-keys			
10-28 09:28:33.807 6173 22850 W Monkey : // Build Changelist: 1230			
10-28 09:28:33.807 6173 22850 W Monkey : // Build Time: 1666894340000			
10-28 09:28:33.808 6173 22850 W Monkey : // java.lang.NullPointerException: Attempt to invoke virtual method 'java.lang.Object android.content.Context.getSystemService(java.lang.Class)' on a null object reference			
10-28 09:28:33.808 6173 22850 W Monkey : // at com.android.settings.wifi.WifiSettings.isWifiWakeupEnabled(WifiSettings.java:967)			
10-28 09:28:33.808 6173 22850 W Monkey : // at			
com.android.settings.wifi.WifiSettings.setAdditionalSettingsSummaries(WifiSettings.java:934)			
10-28 09:28:33.808 6173 22850 W Monkey : // at com.android.settings.wifi.WifiSettings.updateWifiEntryPreferences(WifiSettings.java:884)			
10-28 09:28:33.808 6173 22850 W Monkey : // at com.android.settings.wifi.WifiSettings.onWifiStateChanged(WifiSettings.java:699)			
10-28 09:28:33.808 6173 22850 W Monkey : // at com.android.wifitrackerlib.BaseWifiTracker\$\$ExternalSyntheticLambda0.run(Unknown Source:2)			
10-28 09:28:33.808 6173 22850 W Monkey : // at android.os.Handler.handleCallback(Handler.java:938)			
10-28 09:28:33.808 6173 22850 W Monkey : // at android.os.Handler.dispatchMessage(Handler.java:99)			
10-28 09:28:33.808 6173 22850 W Monkey : // at android.os.Looper.loopOnce(Looper.java:201)			
10-28 09:28:33.808 6173 22850 W Monkey : // at android.os.Looper.loop(Looper.java:288)			
10-28 09:28:33.808 6173 22850 W Monkey : // at android.app.ActivityThread.main(ActivityThread.java:7880)			
10-28 09:28:33.808 6173 22850 W Monkey : // at java.lang.reflect.Method.invoke(Native Method)			
10-28 09:28:33.808 6173 22850 W Monkey : // at com.android.internal.os.RuntimeInit\$MethodAndArgsCaller.run(RuntimeInit.java:548)			
10-28 09:28:33.808 6173 22850 W Monkey : // at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1009)			
10-28 09:28:33.808 6173 22850 W Monkey : //			

History

#1 - 2022-11-01 16:06 - CD Test赵飞

日志见Bug #113456 附件

#2 - 2022-11-03 10:39 - CD FW 曹覃刚

- Status changed from New to RESOLVED

- % Done changed from 0 to 100

- Resolution changed from -- to FIXED

- Degrated changed from -- to No

- Fixed Version set to 2022-11-04

- Root cause set to 设定相关Activity被销毁，但是fragment没有，导致获取getActivity或getContext为空。添加Activity销毁时移除fragment的动作，同时优化fragment启动的操作

已修复, 代码已入库

<https://dev.thundercomm.com/gerrit/c/general/platform/packages/apps/Settings/+159676>

<https://dev.thundercomm.com/gerrit/c/general/platform/packages/apps/Settings/+159706>

Monkey问题，本地无法测试，待下次Monkey测试时验证

#3 - 2022-11-07 11:16 - CD Test赵飞

- File Log.zip.001 added

- File Log.zip.002 added

- File Log.zip.003 added

- File Log.zip.004 added

- Status changed from RESOLVED to ASSIGNED

- % Done changed from 100 to 40

11月4号DB版本跑Monkey 60小时，此问题复现2次

共有4台设备执行Monkey（2台debug版本 + 2台user版本）

问题在1台user版本的设备中复现2次，其他设备中未复现此问题

日志见附件

#4 - 2022-11-10 19:35 - CD FW 曹覃刚

- Status changed from ASSIGNED to RESOLVED

- % Done changed from 40 to 70

- Fixed Version changed from 2022-11-04 to 2022-11-11

- Root cause changed from 设定相关Activity被销毁，但是fragment没有，导致获取getActivity或getContext为空。添加Activity销毁时移除fragment的动作，同时优化fragment启动的操作到 由于handler 内存泄漏，以及对生命周期管理不合理，导致压力测试crash

.current status

本地已修复

.my analysis

由于handler 内存泄漏，以及对生命周期管理不合理，导致压力测试crash

.submit url

<https://120.133.72.237/gerrit/c/general/platform/packages/apps/Settings/+161647>

#5 - 2022-11-10 19:36 - CD FW 曹覃刚

- Assignee changed from CD FW 曹覃刚 to CD Test 赵飞

#6 - 2022-11-14 11:01 - CD Test 赵飞

- Status changed from RESOLVED to ASSIGNED

- Assignee changed from CD Test 赵飞 to CD FW 曹覃刚

- % Done changed from 70 to 40

11月11号DB，3台设备共复现此问题10次（上传日志所属设备复现了3次）

日志见FTP：

http://cdiot@192.168.87.46/Pre_figure/Test_Log/Bug_113739/Tlog&ANR.zip

#7 - 2022-11-14 16:03 - CD FW 曹覃刚

- Assignee changed from CD FW 曹覃刚 to CD FW-廖涛

#8 - 2022-11-14 19:50 - CD FW-廖涛

- Status changed from ASSIGNED to RESOLVED

- % Done changed from 40 to 100

- Fixed Version changed from 2022-11-11 to 2022-11-15

因为页面存在 postDelay 执行的操作，可能出现在页面已经销毁后，执行页面更新的可能，导致 context 为 null；

<https://dev.thundercomm.com/gerriit/c/general/platform/packages/apps/Settings/+162560>

#9 - 2022-11-15 10:45 - CD FW-廖涛

- Assignee changed from CD FW-廖涛 to CD Test 赵飞

- Fixed Version changed from 2022-11-15 to 2022-11-17

#10 - 2022-11-16 11:02 - CD Test 赵飞

- % Done changed from 100 to 70

待11月17号版本验证

#11 - 2022-11-18 10:27 - CD Test 赵飞

11月17号Release版本未复现

Monkey问题，继续跟踪2个版本

#12 - 2022-11-22 10:10 - CD Test 赵飞

- Status changed from RESOLVED to ASSIGNED

- Assignee changed from CD Test 赵飞 to CD FW-廖涛

- % Done changed from 70 to 40

此问题在11月18号DB版本复现2次

Tlog见FTP：

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/Bug_113470/Tlog.zip

#13 - 2022-11-22 10:10 - CD Test赵飞

- Due date deleted (2022-11-08)

- Target version changed from VX1_MCE_FSE_V3.0_update_20221130 to VX1_MCE_FSE_V5.0_20221230

#14 - 2022-11-24 17:11 - CD FW-廖涛

- Status changed from ASSIGNED to RESOLVED

- Assignee changed from CD FW-廖涛 to CD Test赵飞

- % Done changed from 40 to 100

- Fixed Version changed from 2022-11-17 to 2022-11-25

■ Current conclusion

已处理，提交：<https://dev.thundercomm.com/gerrit/c/general/platform/packages/apps/Settings/+/164562>

■ My analysis

之前的处理调用路径覆盖不全面，导致有遗漏。

■ Next action

测试验证

#15 - 2022-11-24 20:44 - CD Test赵飞

- % Done changed from 100 to 70

等待11月25号版本release后验证

#16 - 2022-11-28 10:42 - CD Test赵飞

11月25号版本未复现此问题

Monkey问题，继续跟踪2个版本

#17 - 2022-11-29 09:57 - CD Test赵飞

11月26号DB版本未复现此问题

Monkey问题，继续跟踪1个版本

#18 - 2022-11-30 10:15 - CD Test赵飞

- Status changed from RESOLVED to VERIFIED

- % Done changed from 70 to 80

11月27号版本未复现此问题

已跟踪3个版本未复现，关闭此问题

#19 - 2022-11-30 10:15 - CD Test赵飞

- Status changed from VERIFIED to CLOSED

- % Done changed from 80 to 100

#20 - 2022-12-22 20:48 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159676	general/platform/packages/apps/Settin gs	Pre_figure_turbox-c2130c-la1.1-qssi12 -dev	caoqg0702@thundersoft.com
AF:Settings: fix monkey crash issue1.Fix WIFI page null pointer problem2.Fix notification history page null pointer problemTC-RID: 1201-0201813IssueID: TS-R-BUG-113470 TS-R-BUG-113471 TS-R-BUG-113474 TS-R-BUG-113477Change-Id: I41d9d2da3e68804eec4a874026dc47c59ecd347c			

#21 - 2022-12-22 20:53 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
162560	general/platform/packages/apps/Settin gs	Pre_figure_turbox-c2130c-la1.1-qssi12 -dev	tao.liao@thundersoft.com
AF:Settings: Fix fragment's context is null.TC-RID: 1201-0201801IssueID: TS-R-BUG-113470Change-Id: Ia8a607fb7c4f7f6cfe8d7bccea396ae5e056fb52			

Files

Log.zip.001	40 MB	2022-11-07	CD Test赵飞
Log.zip.002	40 MB	2022-11-07	CD Test赵飞
Log.zip.003	40 MB	2022-11-07	CD Test赵飞
Log.zip.004	1.51 MB	2022-11-07	CD Test赵飞