

Figure - Bug #113474

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 ( 12 )

2022-11-01 15:05 - 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:    | 2022-11-18                                     |
| 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 12:06:12.321 6173 22858 W Monkey : // CRASH: com.android.settings (pid 3495)                                                                                                                                                                                                                |                           |                   |                                                |
| 10-28 12:06:12.322 6173 22858 W Monkey : // Short Msg: java.lang.NullPointerException                                                                                                                                                                                                             |                           |                   |                                                |
| 10-28 12:06:12.322 6173 22858 W Monkey : // Long Msg: java.lang.NullPointerException: Attempt to invoke virtual method 'android.content.res.TypedArray android.content.Context.obtainStyledAttributes(int[])' on a null object reference                                                          |                           |                   |                                                |
| 10-28 12:06:12.323 6173 22858 W Monkey : // Build Label: TC/figure_CN/figure:12/SKQ1.220201.001/1230:userdebug/test-keys                                                                                                                                                                          |                           |                   |                                                |
| 10-28 12:06:12.323 6173 22858 W Monkey : // Build Changelist: 1230                                                                                                                                                                                                                                |                           |                   |                                                |
| 10-28 12:06:12.323 6173 22858 W Monkey : // Build Time: 1666894340000                                                                                                                                                                                                                             |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // java.lang.NullPointerException: Attempt to invoke virtual method 'android.content.res.TypedArray android.content.Context.obtainStyledAttributes(int[])' on a null object reference                                                                    |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at com.android.settingslib.Utils.getColorAttrDefaultColor(Utils.java:312)                                                                                                                                                                             |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at                                                                                                                                                                                                                                                    |                           |                   |                                                |
| com.android.settings.notification.history.NotificationSbnAdapter.<init>(NotificationSbnAdapter.java:84)                                                                                                                                                                                           |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at                                                                                                                                                                                                                                                    |                           |                   |                                                |
| com.android.settings.notification.history.NotificationHistoryActivity\$2.onListenerConnected(NotificationHistoryActivity.java:405)                                                                                                                                                                |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at                                                                                                                                                                                                                                                    |                           |                   |                                                |
| android.service.notification.NotificationListenerService\$MyHandler.handleMessage(NotificationListenerService.java:2319)                                                                                                                                                                          |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at android.os.Handler.dispatchMessage(Handler.java:106)                                                                                                                                                                                               |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at android.os.Looper.loopOnce(Looper.java:201)                                                                                                                                                                                                        |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at android.os.Looper.loop(Looper.java:288)                                                                                                                                                                                                            |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at android.app.ActivityThread.main(ActivityThread.java:7880)                                                                                                                                                                                          |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at java.lang.reflect.Method.invoke(Native Method)                                                                                                                                                                                                     |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at com.android.internal.os.RuntimeInit\$MethodAndArgsCaller.run(RuntimeInit.java:548)                                                                                                                                                                 |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : // at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1009)                                                                                                                                                                                      |                           |                   |                                                |
| 10-28 12:06:12.324 6173 22858 W Monkey : //                                                                                                                                                                                                                                                       |                           |                   |                                                |

History

#1 - 2022-11-01 16:07 - CD Test赵飞

日志见Bug #113456 附件

#2 - 2022-11-02 14:01 - CDTS-TEST 周婷

- Target version set to VX1\_MCE\_FSE\_V3.0\_update\_20221130

#3 - 2022-11-03 10:36 - 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/gerriit/c/general/platform/packages/apps/Settings/+/159676>

<https://dev.thundercomm.com/gerriit/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

#4 - 2022-11-07 10:31 - CD Test赵飞

- File Log.zip 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2台Debug版本的设备中各复现1次，另外两台user版本的设备中未复现此问题

日志见附件

#5 - 2022-11-10 19:31 - CD FW 曹覃刚

- Status changed from ASSIGNED to RESOLVED

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

- % 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 to 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

#6 - 2022-11-14 10:52 - CD Test赵飞

11月11号DB版本未复现此问题

Monkey问题，继续跟踪2个版本

#7 - 2022-11-16 10:49 - CD Test赵飞

- Status changed from RESOLVED to ASSIGNED

- % Done changed from 70 to 40

11月15号Release版本（user）复现此问题1次

Log见FTP：

[ftp://cdiot@192.168.87.46/Pre\\_figure/Test\\_Log/Bug\\_113474/Tlog.zip](ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/Bug_113474/Tlog.zip)

#8 - 2022-11-16 10:50 - CD Test赵飞

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

#9 - 2022-11-16 15:09 - CD FW 曹覃刚

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

请帮忙分析

#10 - 2022-11-16 19:43 - CDTs-TEST 周婷

- Due date deleted (2022-11-08)

- Target version changed from VX1\_MCE\_FSE\_V3.0\_update\_20221130 to VX1\_MCE\_FSE\_V5.0\_20221230

#11 - 2022-11-17 18:52 - CD FW-廖涛

- Status changed from ASSIGNED to RESOLVED

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

- % Done changed from 40 to 100

- Fixed Version changed from 2022-11-11 to 2022-11-18

#### ■ Current conclusion

已处理，并完成本地验证

提交：<https://dev.thundercomm.com/gerrit/c/general/platform/packages/apps/Settings/+163528>

#### ■ My analysis

页面状态不可预期，导致监听没有注销，在页面已被销毁的情况下收到通知，进行页面更新导致崩溃。

处理方式：在收到通知后，首先进行也没状态以及空判断。

#### ■ Next action

测试验证

#12 - 2022-11-18 10:39 - CD Test赵飞

- % Done changed from 100 to 70

#13 - 2022-11-22 10:05 - CD Test赵飞

11月18号DB版本未复现此问题  
Monkey问题，继续跟踪2个版本

#14 - 2022-11-24 20:43 - CD Test赵飞

11月23号DB版本未复现此问题  
Monkey问题，继续跟踪1个版本

#15 - 2022-11-25 11:40 - CD Test赵飞  
- Status changed from RESOLVED to VERIFIED  
- % Done changed from 70 to 80

11月24号Release版本未复现此问题  
已跟踪3个版本未复现，关闭此问题

#16 - 2022-11-25 11:41 - CD Test赵飞  
- Status changed from VERIFIED to CLOSED  
- % Done changed from 80 to 100

#17 - 2022-12-22 20:53 - CD FW-王伟

Gerrit Merge Information :

| ID                                                                                                                                                                      | Project                                     | Branch                                        | Uploader                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|--------------------------|
| 163528                                                                                                                                                                  | general/platform/packages/apps/Settin<br>gs | Pre_figure_turbox-c2130c-la1.1-qssi12<br>-dev | tao.liao@thundersoft.com |
| AF:Settings: Fix NotificationHistoryActivity's NullPointerException.TC-RID: 1201-0201803IssueID: TS-R-BUG-113474Change-Id:<br>I26bd7cbbe80be28a45296a692644cd08f12d4a41 |                                             |                                               |                          |

Files

|         |         |            |           |
|---------|---------|------------|-----------|
| Log.zip | 35.3 MB | 2022-11-07 | CD Test赵飞 |
|---------|---------|------------|-----------|