

Figure - Bug #113471

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 ( 9 )

2022-11-01 14:52 - CD Test赵飞

|                  |                                  |                   |                                                |
|------------------|----------------------------------|-------------------|------------------------------------------------|
| Status:          | CLOSED                           | Start date:       | 2022-11-01                                     |
| Priority:        | Normal                           | Due date:         | 2022-11-08                                     |
| Assignee:        | CD Test赵飞                        | % Done:           | 100%                                           |
| Category:        | CD-FW                            | Estimated time:   | 0.00 hour                                      |
| Target version:  | VX1_MCE_FSE_V3.0_update_20221130 | 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:    | 2022-11-09                                     |
| Reproducibility: | Frequently                       | Root cause:       | 部分Preference的Key为空，需要做判空判断                     |
| 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 09:51:04.458 6173 22850 W Monkey : // CRASH: com.android.settings (pid 18826)                                                                                                                                                                                                               |  |
| 10-28 09:51:04.458 6173 22850 W Monkey : // Short Msg: java.lang.NullPointerException                                                                                                                                                                                                             |  |
| 10-28 09:51:04.458 6173 22850 W Monkey : // Long Msg: java.lang.NullPointerException: Attempt to invoke virtual method 'boolean java.lang.String.equals(java.lang.Object)' on a null object reference                                                                                             |  |
| 10-28 09:51:04.458 6173 22850 W Monkey : // Build Label: TC/figure_CN/figure:12/SKQ1.220201.001/1230:userdebug/test-keys                                                                                                                                                                          |  |
| 10-28 09:51:04.458 6173 22850 W Monkey : // Build Changelist: 1230                                                                                                                                                                                                                                |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // Build Time: 1666894340000                                                                                                                                                                                                                             |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // java.lang.NullPointerException: Attempt to invoke virtual method 'boolean java.lang.String.equals(java.lang.Object)' on a null object reference                                                                                                       |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at com.android.settings.wifi.WifiSettings.onPreferenceTreeClick(WifiSettings.java:600)                                                                                                                                                                |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at androidx.preference.Preference.performClick(Preference.java:1194)                                                                                                                                                                                  |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at androidx.preference.Preference.performClick(Preference.java:1168)                                                                                                                                                                                  |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at androidx.preference.Preference\$1.onClick(Preference.java:181)                                                                                                                                                                                     |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.view.View.performClick(View.java:7441)                                                                                                                                                                                                     |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.view.View.performClickInternal(View.java:7418)                                                                                                                                                                                             |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.view.View.access\$3700(View.java:835)                                                                                                                                                                                                      |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.view.View\$PerformClick.run(View.java:28681)                                                                                                                                                                                               |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.os.Handler.handleCallback(Handler.java:938)                                                                                                                                                                                                |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.os.Handler.dispatchMessage(Handler.java:99)                                                                                                                                                                                                |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.os.Looper.loopOnce(Looper.java:201)                                                                                                                                                                                                        |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.os.Looper.loop(Looper.java:288)                                                                                                                                                                                                            |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at android.app.ActivityThread.main(ActivityThread.java:7880)                                                                                                                                                                                          |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at java.lang.reflect.Method.invoke(Native Method)                                                                                                                                                                                                     |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at com.android.internal.os.RuntimeInit\$MethodAndArgsCaller.run(RuntimeInit.java:548)                                                                                                                                                                 |  |
| 10-28 09:51:04.459 6173 22850 W Monkey : // at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1009)                                                                                                                                                                                      |  |
| 10-28 09:51:04.459 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 10:38 - CD FW 曹覃刚

- Status changed from New to RESOLVED
- % Done changed from 0 to 100
- Resolution changed from -- to FIXED
- Degraded 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 11:17 - CD Test赵飞

- 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3次

共有4台设备执行Monkey（2台debug版本 + 2台user版本）

问题在2台设备中复现3次，其他设备中未复现此问题

日志见Bug #113470 附件

#4 - 2022-11-08 17:31 - CD FW 曹覃刚

- Status changed from ASSIGNED to RESOLVED
- % Done changed from 40 to 100
- Fixed Version changed from 2022-11-04 to 2022-11-09
- 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 部分Preference的Key为空，需要做判空判断

代码已入库

<https://dev.thundercomm.com/gerrit/c/general/platform/packages/apps/Settings/+160565>

#5 - 2022-11-08 17:31 - CD FW 曹覃刚

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

#6 - 2022-11-10 11:24 - CD Test赵飞

- % Done changed from 100 to 70

11月9号DB版本未复现此问题  
Monkey问题，继续跟踪2个版本

#7 - 2022-11-11 10:21 - CD Test赵飞

11月10号Release版本未复现此问题  
Monkey问题，继续跟踪1个版本

#8 - 2022-11-14 10:49 - CD Test赵飞  
- Status changed from RESOLVED to VERIFIED  
- % Done changed from 70 to 80

11月11号DB版本未复现此问题  
已跟踪3个版本未复现，关闭此问题

#9 - 2022-11-14 10:49 - CD Test赵飞  
- Status changed from VERIFIED to CLOSED  
- % Done changed from 80 to 100