

Status:	CLOSED	Start date:	2023-07-07
Priority:	High	Due date:	
Assignee:	CD TEST-方永红	% Done:	100%
Category:	CD-APP	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	0120
Resolution:	FIXED	Degrated:	--
Severity:	Major	Verified Version:	
Reproducibility:	Rarely	Fixed Version:	2023-07-12
Test Type:	ST	Root cause:	问题原因：launcher引用软键盘接口获取高度时
Description			
【测试版本】 中控0092 副屏0120			
【测试步骤】 1、恢复出厂设置 2、跳过激活 3、重启设备 4、进入工厂模式 ->出现 " Quickstep屡次停止运行"的提示			

History

#1 - 2023-07-07 16:19 - CD TEST-方永红

- Category changed from CD-FW to CD-APP

- Assignee changed from CD FW 曹覃刚 to CD APP- 王宏

- Priority changed from Normal to High

- Severity changed from Normal to Major

#2 - 2023-07-08 17:48 - CD APP-王宏

out/000112_merged_logcat_file.log:34620:07-07 16:04:26.902 4071 4071 E AndroidRuntime: Process: com.android.launcher3, PID: 4071

out/000112_merged_logcat_file.log:34621:07-07 16:04:26.902 4071 4071 E AndroidRuntime: java.lang.NullPointerException: Attempt to invoke virtual method 'int com.android.server.wm.DisplayContent.getInputMethodWindowVisibleHeight()' on a null object reference

out/000112_merged_logcat_file.log:34622:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Parcel.createExceptionOrNull(Parcel.java:2431)

out/000112_merged_logcat_file.log:34623:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Parcel.createException(Parcel.java:2409)

out/000112_merged_logcat_file.log:34624:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Parcel.readException(Parcel.java:2392)

out/000112_merged_logcat_file.log:34625:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Parcel.readException(Parcel.java:2334)

out/000112_merged_logcat_file.log:34626:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at com.android.internal.view.IInputMethodManager\$Stub\$Proxy.getInputMethodWindowVisibleHeight(IInputMethodManager.java:939)

out/000112_merged_logcat_file.log:34627:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.view.inputmethod.InputMethodManager.getInputMethodWindowVisibleHeight(InputMethodManager.java:2960)

out/000112_merged_logcat_file.log:34628:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at com.android.quickstep.TouchInteractionService.onInputEvent(TouchInteractionService.java:591)

out/000112_merged_logcat_file.log:34629:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at com.android.quickstep.TouchInteractionService.\$r8\$lambda\$QnySfMMPM3HQVC_OREg1W70p37mY(Unknown Source:0)

out/000112_merged_logcat_file.log:34630:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at

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com.android.quickstep.TouchInteractionService$$ExternalSyntheticLambda4.onInputEvent(Unknown Source:2)
out/000112_merged_logcat_file.log:34631:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
com.android.systemui.shared.system.InputChannelCompat$InputEventReceiver$1.onInputEvent(InputChannelCompat.java:74)
out/000112_merged_logcat_file.log:34632:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.java:260)
out/000112_merged_logcat_file.log:34633:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.MessageQueue.nativePollOnce(Native Method)
out/000112_merged_logcat_file.log:34634:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.MessageQueue.next(MessageQueue.java:335)
out/000112_merged_logcat_file.log:34635:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Looper.loopOnce(Looper.java:161)
out/000112_merged_logcat_file.log:34636:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Looper.loop(Looper.java:288)
out/000112_merged_logcat_file.log:34637:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.app.ActivityThread.main(ActivityThread.java:7880)
out/000112_merged_logcat_file.log:34638:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at java.lang.reflect.Method.invoke(Native Method)
out/000112_merged_logcat_file.log:34639:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
out/000112_merged_logcat_file.log:34640:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1009)
out/000112_merged_logcat_file.log:34641:07-07 16:04:26.902 4071 4071 E AndroidRuntime: Caused by: android.os.RemoteException: Remote stack trace:
out/000112_merged_logcat_file.log:34642:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
com.android.server.wm.WindowManagerService$LocalService.getInputMethodWindowVisibleHeight(WindowManagerService.java:7633)
out/000112_merged_logcat_file.log:34643:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
com.android.server.inputmethod.InputMethodManagerService.getInputMethodWindowVisibleHeight(InputMethodManagerService.java:3905)
out/000112_merged_logcat_file.log:34644:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
com.android.internal.view.IInputMethodManager$Stub.onTransact(IInputMethodManager.java:466)
out/000112_merged_logcat_file.log:34645:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at
com.android.server.inputmethod.InputMethodManagerService.onTransact(InputMethodManagerService.java:1754)
out/000112_merged_logcat_file.log:34646:07-07 16:04:26.902 4071 4071 E AndroidRuntime: at android.os.Binder.execTransactInternal(Binder.java:1179)

```

根据报错看是

WindowManagerService中的 DisplayContent 为null

```

@Override
public int getInputMethodWindowVisibleHeight(int displayId) {
    synchronized (mGlobalLock) {
        final DisplayContent dc = mRoot.getDisplayContent(displayId);
        return dc.getInputMethodWindowVisibleHeight();
    }
}

```

#3 - 2023-07-10 09:50 - CD APP-王宏

- Status changed from New to ASSIGNED

- Assignee changed from CD APP-王宏 to CD FW 王武军

#4 - 2023-07-11 10:35 - CD FW王武军

【】当前状态

异常的发生是获取软键盘高度时，出现了空指针，而空指针的发生，可能有两方面的原因：

- 1) DisplayID是异常值；
- 2) RootWindowContainer中保存的DisplayContent有问题

日志中未记录上述的信息，并且本地加了日志后未复现问题。

现在的处理方法是：在获取的方法中做判空处理，同时针对可能出现问题的地方加上日志。

提交如下：

<https://dev.thundercomm.com/gerriit/c/general/platform/frameworks/base/+/-213566>

【】 下一步

测试在DB版本中验证，并记录日志。

#5 - 2023-07-11 14:41 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
213566	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-dev	wujun.wang@thundersoft.com
AF:SystemOptimization: fix NullPointerExceptionAdd logic to check Display id and DisplayContent.TC-RID: 1201-0205101IssueID: TS-R-BUG-118997Change-Id: I51d886b77bc169d259ebf9cae3867749e07d8d41			

#6 - 2023-07-11 14:44 - CD FW王武军

- Status changed from ASSIGNED to RESOLVED
 - Assignee changed from CD FW王武军 to CD TEST-方永红
 - % Done changed from 0 to 100
 - Resolution changed from -- to FIXED
 - Fixed Version set to 2023-07-12
 - Root cause set to 问题原因：
- launcher引用软键盘接口获取高度时，出现空指针

#7 - 2023-07-13 21:43 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
214539	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-release_sorp	wangxl0510@thundersoft.com
AF:SystemOptimization: fix NullPointerExceptionAdd logic to check Display id and DisplayContent.TC-RID: 1201-0205101IssueID: TS-R-BUG-118997Change-Id: I51d886b77bc169d259ebf9cae3867749e07d8d41(cherry picked from commit 2b5d4cc5c57fa7d97c1808d0929acf8056a2ffb2)			

#8 - 2023-07-14 17:48 - CD TEST-方永红

0713DB\0122版本未复现，继续跟踪一个版本

#9 - 2023-07-24 13:55 - CD TEST-方永红

- Status changed from RESOLVED to VERIFIED

7.24

0123版本未复现此问题，先关闭

#10 - 2023-07-24 13:56 - CD TEST-方永红
- Status changed from VERIFIED to CLOSED

Files

tlog_iov0201017500006162025411a2212290000002271_000112_0707161053.tar.gz	928 KB	2023-07-07	CD TEST-方永红
20230707-161346.jpg	71.2 KB	2023-07-07	CD TEST-方永红