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Nexus 7 on android 4.3 - Developer input option "Show touch" or "Pointer location" with adb swipe will cause crash

+17

Hotlists

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Comments (5)

Dependencies

Duplicates (0)

Blocking (0)


Resources (0)

Obsolete

Bug

P3

+ Add Hotlist

 STATUS UPDATE

No update yet.

Edit

 DESCRIPTION

gd...@gmail.com created issue [#1](#)

Aug 9, 2013 01:15PM



- Steps:
1. Select Input-"Show touch" | "Pointer location" in developer options.

2. Run adb shell input swipe command
- Happened:
- System will restart.
- Should be:
- On 4.2, these actions all work fine.

Also show track perfectly.
- Env:
- Windows 7 64 pro

Debug Bridge version 1.0.31

Model - Nexus 7

Kernel 3.1.10-g1e8b3d8

Reporter

gd...@gmail.com

Type

Bug

Priority

P3

Severity

S3

Status

Won't fix (Obsolete)

Access

Default access

View


Assignee

--


Verifier

--

Collaborators

 ^

CC

 gd...@gmail.com ^

AOSP ID

58769

ReportedBy

Developer

Found In

--


Targeted To

--

Verified In

--


In Prod




COMMENTS

All comments

↓ Oldest first

 **[Deleted User]** <[Deleted User]> [#2](#)

Oct 15, 2013 10:59PM



Also happens with the Nexus 10 under Robotium. I tracked this route into Instrumentation.sendPointerSync()'s injectInputEvent()'s mIm.injectInputEvent() with 'suspend other threads' turned off on my breakpoint.

The event was properly obtained() and contained this at the point of that call:

MotionEvent { action=ACTION\_UP, id[0]=0, x[0]=380.0, y[0]=106.0, toolType[0]=TOOL\_TYPE\_UNKNOWN, buttonState=0, metaState=0, flags=0x0, edgeFlags=0x0, pointerCount=1, historySize=0, eventTime=348864776, downTime=348668678, deviceId=0, source=0x1002 }

I find I end up at the 'return false' showing a RemoteException, but that's probably because I was sitting in the debugger for ages:

D/dalvikvm(16680): GC\_FOR\_ALLOC freed 1161K, 14% free 12388K/14396K, paused 24ms, total 24ms  
I/InputDispatcher(14929): Dropped event because it is stale.  
----- beginning of /dev/log/system  
W/InputManager(14929): Input event injection from pid 16680 failed.  
D/dalvikvm(16680): GC\_FOR\_ALLOC freed 1164K, 14% free 12388K/14396K, paused 24ms, total 24ms

Perhaps this:

E/InputEventReceiver(14929): Exception dispatching input event.  
E/MessageQueue-JNI(14929): Exception in MessageQueue callback: handleReceiveCallback  
E/MessageQueue-JNI(14929): java.lang.NullPointerException  
E/MessageQueue-JNI(14929): at  
com.android.internal.widget.PointerLocationView.addPointerEvent(PointerLocationView.java:552)  
E/MessageQueue-JNI(14929): at  
com.android.internal.policy.impl.PhoneWindowManager\$PointerLocationInputEventReceiver.onInputEvent(PhoneWindowManager.java:310)  
E/MessageQueue-JNI(14929): at android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.java:182)  
E/MessageQueue-JNI(14929): at android.os.MessageQueue.nativePollOnce(Native Method)  
E/MessageQueue-JNI(14929): at android.os.MessageQueue.next(MessageQueue.java:132)  
E/MessageQueue-JNI(14929): at android.os.Looper.loop(Looper.java:124)  
E/MessageQueue-JNI(14929): at android.os.HandlerThread.run(HandlerThread.java:61)  
W/dalvikvm(14929): threadid=12: thread exiting with uncaught exception (group=0x415bf700)  
E/AndroidRuntime(14929): \*\*\* FATAL EXCEPTION IN SYSTEM PROCESS: UI  
E/AndroidRuntime(14929): java.lang.NullPointerException  
E/AndroidRuntime(14929): at  
com.android.internal.widget.PointerLocationView.addPointerEvent(PointerLocationView.java:552)  
E/AndroidRuntime(14929): at  
com.android.internal.policy.impl.PhoneWindowManager\$PointerLocationInputEventReceiver.onInputEvent(PhoneWindowManager.java:310)  
E/AndroidRuntime(14929): at android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.java:182)

```
E/AndroidRuntime(14929): at android.os.MessageQueue.nativePollOnce(Native Method)
E/AndroidRuntime(14929): at android.os.MessageQueue.next(MessageQueue.java:132)
E/AndroidRuntime(14929): at android.os.Looper.loop(Looper.java:124)
E/AndroidRuntime(14929): at android.os.HandlerThread.run(HandlerThread.java:61)
I/Process (14929): Sending signal. PID: 14929 SIG: 9
W/Sensors (15104): sensorservice died [0x72f4edb8]
```

It doesn't look like a complete restart - it only takes a couple of seconds for me. I think part of the display is crashing.



**[Deleted User]** <[Deleted User]> [#3](#)

Oct 15, 2013 11:03PM ⋮

Oh, further to the above - I habitually have 'show touches' on, and only see this if I also enable 'pointer location'.

Nexus 10; Android 4.3; JWR66Y

Linux flavigula 3.2.0-54-generic #82-Ubuntu SMP Tue Sep 10 20:08:42 UTC 2013 x86\_64 x86\_64 x86\_64 GNU/Linux



**ty...@gmail.com** <ty...@gmail.com> [#4](#)

Dec 13, 2013 11:53PM ⋮

Can confirm this also being broken on a Nexus 4 with Android 4.3. Doesn't happen on an HTC One X+ (running AOSP) on 4.2.2, nor does it happen on a Nexus 5 with AOSP 4.4.2.

Is there any way to disable this setting? My Nexus 4's digitizer is broken and I accidentally enabled this when trying to back it up. The option stays even after a reboot, meaning I can't interact with the device or it restarts.



**en...@google.com** <en...@google.com>

Dec 8, 2014 12:02PM

*Status: Won't Fix (Obsolete)*



**ma...@gmail.com** <ma...@gmail.com> [#5](#)

Dec 27, 2014 09:05PM ⋮

happens in redmi 1s with android 4.3 too. cant turn on the pointer options and shell input touchscreen actions into the phone. the phone will reset on doing this.

is there a fix? how to debug?