



← ↻ ☆ Enabling TalkBack breaks Dump View Hierarchy in Android 4.2.1 on GSM Galaxy Nexus by breaking permission handling

+1 Hotlists (3) Mark as Duplicate 🔔 ⋮

Comments (3) Dependencies Duplicates (0) Blocking (0) Resources (1)

Obsolete Bug P3 + Add Hotlist [AOSP] assigned

STATUS UPDATE No update yet. Edit

DESCRIPTION [Deleted User] created issue #1

ISSUE:
I was unable to capture a dump of the view hierarchy with the ADT in Eclipse on a test device while TalkBack was enabled. The problem does not appear when TalkBack is disabled.

EXPECTED BEHAVIOR:
I should be able to use the view hierarchy dump tool with or without TalkBack enabled just the same.

REPRO:
1) Enable TalkBack and USB Debugging
2) Connect device to Monitor and attempt to dump view hierarchy
3) Observe failure in LogCat as shown below
4) Disable Talkback and repeat step 2
5) Observe successful view hierarchy dump

ENVIRONMENT:
Samsung Galaxy Nexus
Android 4.2.1
Baseband i9250XXLH1
Kernel version 3.0.31-gd5a18e0 / [android-build@vpbs1.mtv.corp.google.com](#) #1 / Fri Nov 2 11:02:59 PDT 2012
Build Number JOP40D

LOGCAT:
12-13 15:14:55.852: D/AndroidRuntime(17546): Calling main entry com.android.commands.uiautomator.Launcher
12-13 15:14:55.868: D/AndroidRuntime(17546): Shutting down VM
12-13 15:14:55.868: W/dalvikvm(17546): threadid=1: thread exiting with uncaught exception (group=0x40cda930)
12-13 15:14:55.868: D/dalvikvm(17546): Note: class Landroid/app/ActivityManagerNative; has 156 unimplemented (abstract) methods
12-13 15:14:55.868: E/JavaBinder(17546): Unknown binder error code. 0xffffffff7
12-13 15:14:55.868: W/WindowManager(390): Permission Denial: getFocusedWindowToken() from pid=17546, uid=2000 requires android.permission.RETRIEVE_WINDOW_INFO
12-13 15:14:55.868: E/AndroidRuntime(17546): *** FATAL EXCEPTION IN SYSTEM PROCESS: main
12-13 15:14:55.868: E/AndroidRuntime(17546): java.lang.SecurityException: Requires RETRIEVE_WINDOW_INFO permission.
12-13 15:14:55.868: E/AndroidRuntime(17546): at android.os.Parcel.readException(Parcel.java:1425)
12-13 15:14:55.868: E/AndroidRuntime(17546): at android.os.Parcel.readException(Parcel.java:1379)
12-13 15:14:55.868: E/AndroidRuntime(17546): at android.view.accessibility.IAccessibilityManager\$Stub\$Proxy.registerUiTestAutomationService(IAccessibilityManager.java:339)
12-13 15:14:55.868: E/AndroidRuntime(17546): at android.accessibilityservice.UiTestAutomationBridge.connect(UiTestAutomationBridge.java:195)
12-13 15:14:55.868: E/AndroidRuntime(17546): at com.android.commands.uiautomator.DumpCommand.run(DumpCommand.java:61)
12-13 15:14:55.868: E/AndroidRuntime(17546): at com.android.commands.uiautomator.Launcher.main(Launcher.java:83)
12-13 15:14:55.868: E/AndroidRuntime(17546): at com.android.internal.os.RuntimeInit.nativeFinishInit(Native Method)
12-13 15:14:55.868: E/AndroidRuntime(17546): at com.android.internal.os.RuntimeInit.main(RuntimeInit.java:235)
12-13 15:14:55.868: E/AndroidRuntime(17546): at dalvik.system.NativeStart.main(Native Method)
12-13 15:14:55.876: E/ServiceManager(17546): error in getService
12-13 15:14:55.876: E/ServiceManager(17546): android.os.RemoteException: Unknown binder error code. 0xffffffff7
12-13 15:14:55.876: E/ServiceManager(17546): at android.os.BinderProxy.transact(Native Method)
12-13 15:14:55.876: E/ServiceManager(17546): at android.os.ServiceManagerProxy.getService(ServiceManagerNative.java:123)
12-13 15:14:55.876: E/ServiceManager(17546): at android.os.ServiceManager.getService(ServiceManager.java:55)
12-13 15:14:55.876: E/ServiceManager(17546): at android.app.ActivityManagerNative\$1.create(ActivityManagerNative.java:1817)
12-13 15:14:55.876: E/ServiceManager(17546): at android.app.ActivityManagerNative\$1.create(ActivityManagerNative.java:1815)
12-13 15:14:55.876: E/ServiceManager(17546): at android.util.Singleton.get(Singleton.java:34)
12-13 15:14:55.876: E/ServiceManager(17546): at android.app.ActivityManagerNative.getDefault(ActivityManagerNative.java:74)
12-13 15:14:55.876: E/ServiceManager(17546): at com.android.internal.os.RuntimeInit\$UncaughtHandler.uncaughtException(RuntimeInit.java:76)
12-13 15:14:55.876: E/ServiceManager(17546): at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:693)
12-13 15:14:55.876: E/ServiceManager(17546): at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:690)
12-13 15:14:55.876: E/ServiceManager(17546): at dalvik.system.NativeStart.main(Native Method)
12-13 15:14:55.876: I/Process(17546): Sending signal. PID: 17546 SIG: 9
12-13 15:14:55.876: E/AndroidRuntime(17546): Error reporting crash
12-13 15:14:55.876: E/AndroidRuntime(17546): java.lang.NullPointerException
12-13 15:14:55.876: E/AndroidRuntime(17546): at com.android.internal.os.RuntimeInit\$UncaughtHandler.uncaughtException(RuntimeInit.java:76)
12-13 15:14:55.876: E/AndroidRuntime(17546): at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:693)
12-13 15:14:55.876: E/AndroidRuntime(17546): at java.lang.ThreadGroup.uncaughtException(ThreadGroup.java:690)
12-13 15:14:55.876: E/AndroidRuntime(17546): at dalvik.system.NativeStart.main(Native Method)
12-13 15:14:55.892: I/patts(3888): [jni_text_analysis_api.cc:236] jni: deleting text normalizer ...
12-13 15:14:55.915: I/patts(3888): [jni_hmm_synthesizer_api.cc:83] jni: deleting synthesizer ...
12-13 15:14:55.915: I/patts(3888): [jni_project_file_api.cc:110] jni: deleting project file ...
12-13 15:14:55.915: I/patts(3888): [jni_project_file_api.cc:123] jni: deleting project resource holder ...
12-13 15:14:55.931: I/TextToSpeech(3875): Successfully bound to com.google.android.tts
12-13 15:14:55.938: I/patts(3888): Loading project file (apk mode is true) ...
12-13 15:14:55.938: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/phonology_en-US.cfg" ...
12-13 15:14:55.938: E/PackageManagerUtils(3875): Could not find package: com.google.android.marvin.kickback
12-13 15:14:55.938: E/PackageManagerUtils(3875): Could not find package: com.google.android.marvin.soundback
12-13 15:14:55.954: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/textnorm_swift_en.cfg" ...

12-13 15:14:56.017: D/dalvikvm(3875): GC_CONCURRENT freed 754K, 8% free 11071K/11996K, paused 2ms+15ms, total 53ms
12-13 15:14:56.017: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/en-US.blex" ...
12-13 15:14:56.024: D/dalvikvm(3875): WAIT_FOR_CONCURRENT_GC blocked 40ms
12-13 15:14:56.110: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/en_number_names.far" ...
12-13 15:14:56.110: E/SpeechController(3875): Attempted to speak before TTS was initialized.
12-13 15:14:56.118: I/patts(3888): [grm-manager.h:119] Loading FST archive from "voices/eng-usa/en_number_names.far" ...
12-13 15:14:56.118: W/patts(3888): [memory_file_resource_impl-inl.h:174] Attempt to read over buffer boundary, truncating read
12-13 15:14:56.118: W/patts(3888): [memory_file_resource_impl-inl.h:174] Attempt to read over buffer boundary, truncating read
12-13 15:14:56.165: W/patts(3888): [memory_file_resource_impl-inl.h:174] Attempt to read over buffer boundary, truncating read
12-13 15:14:56.165: I/patts(3888): [grm-manager.h:148] Loaded 15 grammars.
12-13 15:14:56.165: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/g2p_m3_syls0_stress0_en-US.fst" ...
12-13 15:14:56.181: I/patts(3888): [decoder_compat_android-inl.h:31] fst_g2p: Loading FST from "voices/eng-usa/g2p_m3_syls0_stress0_en-US.fst" ...
12-13 15:14:56.181: W/patts(3888): [memory_file_resource_impl-inl.h:174] Attempt to read over buffer boundary, truncating read
12-13 15:14:56.181: I/patts(3888): [decoder_impl.cc:64] g2p FST: 30 graphemes, 42 phonemes (with special symbols)
12-13 15:14:56.181: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/engine_hmm_16000_ap-embedded_mlsp.cfg" ...
12-13 15:14:56.188: I/patts(3888): [embedded_hmm_synthesizer.cc:27] Embedded HMM synthesizer initialized.
12-13 15:14:56.188: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/phonology_en-US.cfg" ...
12-13 15:14:56.196: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/compile_hmm_16000_0_ph_lsp_swop_ap_msd.cfg" ...
12-13 15:14:56.196: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/engine_hmm_16000_ap-embedded_mlsp.cfg" ...
12-13 15:14:56.204: I/patts(3888): [android_project_file.cc:32] Loading "voices/eng-usa/sfg_16000_0_hmm_ph_hmm_en-US_swift_c30300932-d1332161052_OTA.2.1.voice" ...
12-13 15:14:56.227: I/TextToSpeech(3875): Connected to ComponentInfo{com.google.android.tts/com.google.android.tts.GoogleTTSService}

✓ Links (1)

" ... to address the issue reported, however our product team has shifted work priority that doesn't include this issue. For now, we will be closing the issue as won't fix obsolete. If this issue currently sti

COMMENTS

vs...@google.com <vs...@google.com>
Assigned to sv...@android.com.

su...@gmail.com <su...@gmail.com> #2
I got the same question,

sa...@google.com <sa...@google.com> #3
Status: Won't Fix (Obsolete)
Thank you for your feedback. We assure you that we are doing our best to address the issue reported, however our product team has shifted work priority that doesn't include this issue. For r