

	sr@google.com <sr@google.com></sr@google.com>
	Reassigned to je@google.com.
	ch@orr.me.uk <ch@orr.me.uk> #4</ch@orr.me.uk>
	Is this planned to be supported soon?
	I just got this crash report from a SM-G925F (Galaxy S6 Edge) running Android 5.1.1, with an app which is using the Renderscript support library:
	Caused by: android.support.v8.renderscript.RSRuntimeException: Error loading RS jni library: java.lang.UnsatisfiedLinkError: dalvik.system.PathClassLoader[DexPathList[[zip file "/data/app/1/base.apk"],nativeLibraryDirectories=[/data/app/com.example.foo-1/lib/arm64, /vendor/lib64, /system/lib64]]] couldn't find "librsjni.so"
	(Though shouldn't newer devices have Renderscript built in, and not need to fall back to the support library?)
	mi@google.com <mi@google.com><u>#5</u></mi@google.com>
	Yeah, we are working on that.
	(For your question, actually the support lib will first load librsjni.so and then decided whether to use the native RS on device or the support lib runtime)
	[Deleted User] <[Deleted User]>#6
	#9 If you are using Build Tools 23.0.1 try using 22.0.1, there appears to be a build issue with RenderScript. Our app has the same stack trace problem on the S6 Edge and it was due to the b fine when I build with 22.0.1)
	See https://code.google.com/p/android/issues/detail?id=182356
	mi@google.com <mi@google.com>_#7</mi@google.com>
	Current buildTools does not bundle 64bit RenderScript, current workaround would be keeping RenderScript related libs (librsjni.so, libRSSupport.so, and librs.*.so) in your lib/arm (or armv7) 32bit RenderScript).
	ch@orr.me.uk <ch@orr.me.uk> #8</ch@orr.me.uk>
	Stupid question, perhaps, but could you explain exactly what you mean by using "lib/arm" (or "lib/armv7")?
	I'm familiar with bundling native libraries in "src/main/jniLibs/armeabi(-v7a)?", but not with just "arm" or "armv7".
	In any case, I'm not explicitly including the RenderScript binaries — I'm including the RenderScript support library simply via the `renderscriptTargetApi` and `renderscriptSupportModeEnable i.e. the "librsjni.so", "libRSSupport.so" and "libblasV8.so" files (for armeabi-v7a, mips & x86) are included in my APK automatically.
	So I'm not clear on what the workaround is that you're trying to describe.
	Anyway, I think I see what my particular problem is: my APK includes *other* native libraries, which *do* provide "arm64-v8a" (and "x86_64") binaries.
	This therefore seems to make the app run in 64-bit mode, rather that in 32-bit compatibility mode, causing the app to search explicitly for 64-bit RenderScript libraries, and ignores the existing
	Unfortunately, I don't have a Galaxy S6 to test this on
	mi@google.com <mi@google.com>_#9</mi@google.com>
	#13 Yeah, you are right. I meant jniLibs/armeabi(-v7a).
	I see. One way to workaround it: 1. get the prebuilts of "librsjni.so" and "libRSSupport.so" from here <a **-redacted**-1="" app="" arm64="" bad="" data="" elf="" has="" href="https://android.googlesource.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c456b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/-/602e78a5c5745f49910a1c46b1e912c466b/renderscrictures.com/platform/prebuilts/sdk/-/602e78a5c5745f49910a1c466b/renderscrictures.com/platform/p</td></tr><tr><td></td><td>No x86_64 prebuilts are available yet, but if you need it, it is ok to build from android-6.0.0_r1. Let me know if you need instructions for that.</td></tr><tr><td></td><td>In the meantime, I will ask our SDK team to bundle the 64bit RenderScript libs, hoping to fix this and other issues with buildTools soon.</td></tr><tr><td></td><td>ma@zavislak.net <ma@zavislak.net><u>#10</u></td></tr><tr><td></td><td>I'm getting</td></tr><tr><td></td><td>android.support.v8.renderscript.RSRuntimeException: Error loading RS jni library:</td></tr><tr><td></td><td>java.lang.UnsatisfiedLinkError: dlopen failed:
" lib="" librsjni.so"="" magic<="" td="">
	when using the prebuilts from https://android.googlesource.com/platform/prebuilts/sdk/+/602e78a5c5745f49910a1c4546946b1e912c466b/renderscript/lib/arm64/

libRSSupport.so libblasV8.so librsjni.so	
when putting them into /src/main/jniLibs/arm64-v8a	
on a Nexus 5x / 6.0 / MDB08L	
al@gmail.com <al@gmail.com><u>#11</u></al@gmail.com>	No
Hello! I've managed to get it working on arm64 by using these libraries:	
https://android.googlesource.com/platform/prebuilts/sdk/+/android-6.0.0_r13/renderscript/lib/arm64/	
I'm testing on OnePlus Two / 5.1.1	
Can someone confirm that these are working on 6.0 also?	
no@gmail.com <no@gmail.com><u>#12</u></no@gmail.com>	N
#16 It works fine on my Nexus 6p	
mi@google.com <mi@google.com><u>#13</u></mi@google.com>	
Marked as fixed.	
NDK r14 beta2+ supports arm64 and x86_64 for RenderScript.	