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                                                                                                                                                                                                                                                                                                                 Apr 18
Same issue with a different much smaller project that has C++ code
Android Studio is NOT running sandboxed (I mention this since I'm running it on MacOS)
kv...@justin.tv <kv...@justin.tv>#3
                                                                                                                                                                                                                                                                                                                 Apr 18
Tried reinstalling Android Studio, deleting .idea and .cxx directories - no help.
Same thing with a totally unrelated project under Linux (Ubuntu 23.04 x86_64).
This one has been fully upgraded to Gradle 8.1 and Android Gradle Plugin 8.0.0
Looks like C++ debugging is just broken in Flamingo. Hope it can be fixed soon.
jv...@google.com <jv...@google.com>
Assigned to an...@google.com.
km...@gmail.com <km...@gmail.com> #4
                                                                                                                                                                                                                                                                                                                 Apr 18
One more thing that's broken is:
Automatic debug launch target type no longer enables native debugging. I had to edit the target and explicitly set debug type to dual (java + native).
Message last modified on Apr 18, 2023 07:55PM
                                                                                                                                                                                                                                                                                                                 Apr 19
aa...@google.com <aa...@google.com> #5
From log file:
    2023-04-17 17:44:39,005 [ 371230] SEVERE - #c.a.t.i.r. GradleApplicationIdProvider - Could not get applicationId for android. broadcast. Project type: PROJF
    iava, lang, Throwable
                    at com. and roid. \ tools. idea. run. Gradle Application Id Provider. get Package Name (Gradle Application Id Provider. kt: 111) \\
                    at com. android. tools. idea. execution. common. debug. utils. FacetFinder. findFacetForProcess (FacetFinder. kt:48)
                    at\ com.\ and roid.\ tools.\ ndk.\ run.\ editor.\ Native Android Debugger.\ get Debug Process Starter For New Process (Native Android Debugger.\ java: 158)
                    at\ com.\ and roid.\ tools.\ ndk.\ run.\ editor.\ Native Android Debugger.\ get Debug Process Starter For New Process (Native Android Debugger.\ java: 66)
                    at\ com.\ and roid.\ tools.\ idea.\ execution.\ common.\ debug.\ DebugSessionStarter\$ attachDebuggerToStartedProcess\$ 1.\ fun\ (DebugSessionStarter.\ kt:79)
                    at com, android, tools, idea, execution, common, debug, DebugSessionStarter$attachDebuggerToStartedProcess$1, fun(DebugSessionStarter, kt:78)
                    at org. jetbrains.concurrency.AsyncPromise$thenAsync$1.apply(AsyncPromise.kt:127)
                    at org. jetbrains.concurrency.AsyncPromise$thenAsync$1.apply(AsyncPromise.kt:16)
                    at java.\,base/java.\,util.\,concurrent.\,CompletableFuture\$UniCompose.\,tryFire(Unknown\ Source)
                    at java.base/java.util.concurrent.CompletableFuture.postComplete(Unknown Source)
                    at java.base/java.util.concurrent.CompletableFuture.complete(Unknown Source)
                    at org. jetbrains.concurrency.AsyncPromise.setResult(AsyncPromise.kt:146)
                    at com. android. tools, idea, execution, common, debug, DebugSessionStarter$clientAsyncPromise$1, run (DebugSessionStarter, kt:240)
                    at \ com. in tellij. openapi. progress. impl. Core Progress Manager. start Task (Core Progress Manager. java: 442) \\
                    at com.intellij.openapi.progress.impl.ProgressManagerImpl.startTask(ProgressManagerImpl.java:114)
                    at \ com.\ intellij.\ openapi.\ progress.\ impl.\ Core Progress Manager.\ lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Progress Asynchronous 1y\$5 (Core Progress Manager.\ java: 493) lambda \$run Process With Proces
                    at com. intellij.openapi.progress.impl.ProgressRunner.lambda$submit$3(ProgressRunner.java:252)
                    at \verb| com.intellij.openapi.progress.impl.CoreProgressManager.lambda \$runProcess\$2 (CoreProgressManager.java:188) \\
                    at \ com.\ intellij.\ openapi.\ progress.\ impl.\ Core Progress Manager.\ lambda \$ execute Process Under Progress \$ 12 (Core Progress Manager.\ java: 608) + (Core Progress Manager.\ lambda \$ execute Process Under Progress \$ 12 (Core Progress Manager.\ java: 608) + (Core Progress Manager.\ lambda \$ execute Process Under Progress \$ 12 (Core Progress Manager.\ java: 608) + (Core Progress Manager.\ lambda \$ execute Process Under Progress \$ 12 (Core Progress Manager.\ java: 608) + (Core Progress Manager.\ lambda \$ execute Process Under Progress M execute Progress M execute Process Under Process M execute Process Under Progress M execute Process Under Process Un
                    at com. intellij.openapi.progress.impl.CoreProgressManager.registerIndicatorAndRun(CoreProgressManager.java:683)
                    at \verb| com.intellij.openapi.progress.impl.Core Progress Manager.compute Under Progress (Core Progress Manager.java: 639) \\
                    at \ com.\ intellij.\ open api.\ progress.\ impl.\ Core Progress Manager.\ execute Process Under Progress (Core Progress Manager.\ java: 607)
                    at com. intellij.openapi.progress.impl.ProgressManagerImpl.executeProcessUnderProgress(ProgressManagerImpl.java:60)
                    at com. intellij.openapi.progress.impl.CoreProgressManager.runProcess(CoreProgressManager.java:175)
                    at com.intellij.openapi.progress.impl.ProgressRunner.lambda$submit$4(ProgressRunner.java:252)
                    at java.base/java.util.concurrent.CompletableFuture$AsyncSupply.run(Unknown Source)
                    at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
                    at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
                    at java.base/java.util.concurrent.Executors$PrivilegedThreadFactory$1$1.run(Unknown Source)
                    at java.base/java.util.concurrent.Executors$PrivilegedThreadFactory$1$1.run(Unknown Source)
                    at java.base/java.security.AccessController.doPrivileged(Unknown Source)
                    at java.base/java.util.concurrent.Executors$PrivilegedThreadFactory$1.run(Unknown Source)
                    at java.base/java.lang.Thread.run(Unknown Source)
                                                                                                                                                                                                                                                                                                                 Apr 19
```

km...@gmail.com <km...@gmail.com>#6

I'm attaching another Android Studio log, from my personal project which I'm running on Linux.

Same issue, but this project has been fully upgraded to new Gradle and Android Gradle Plugin.

I believe the log has the same error.

In this one, C++ code is in a module called Resize (or maybe image_resizer).

	Message last modified on Apr 19, 2023 02:04AM
	idea.log 870 KB View Download
	aa@google.com <aa@google.com><u>#7</u></aa@google.com>
	Reassigned to ko@google.com.
	Is this by chance a project you can share?
	ko@google.com <ko@google.com></ko@google.com>
	Status: Duplicate of <u>262868739</u>
	km@gmail.com <km@gmail.com> #8</km@gmail.com>
	Sorry I can't share either project but you should be able to reproduce it easily - since for me it happens with 3 different unrelated projects on two different platforms.
	One more thing from the log, seems relevant:
	2023-04-17 20:00:52,503 [57048] INFO - #c.a.t.n.r.l.ShellSessionStarterImpl - Command: cat /data/local/tmp/start_lldb_server.sh run-as org.kman.email2 sh -c 'cat > /data/data/org.kman.email2/lldb/bin/start_lldb_server.sh && chmod 700 /data/data/org.kman.email2/lldb/bin/start_lldb_server.sh '2023-04-17 20:00:52,538 [57083] INFO - #c.a.t.n.r.l.ShellS Starting LLDB server : /data/data/org.kman.email2/lldb/bin/start_lldb_server.sh /data/data/org.kman.email2/lldb unix-abstract /org.kman.email2-0 platform-1681786851985.sock "lldb proc packets" 2023-04-17 20:00:52,539 [57084] INFO - #c.a.t.n.r.l.AndroidLLDBDriver - Connecting to LLDB server: unix-abstract-connect://[emulator-5554]/org.kman.email2-0/platform-16817868 17 20:00:52,542 [57087] WARN - #c.a.t.n.r.l.AndroidLLDBDriver - Failed to connect platform (attempt 1 of 10) - retrying. Error was: Connection shut down by remote side while waiting for rep packet
	km@gmail.com <km@gmail.com> #9 Apr 19</km@gmail.com>
	Re: Status: Duplicate of 262868739
	The other bug is for a "Could not get applicationId" exception, are you sure that's the root cause of inability to debug C++ native code?
	It has been there since Android Gradle Tools 7.4 but I had no issues debugging native with Electric Eel.
	Message last modified on Apr 19, 2023 04:12AM
	aa@google.com <aa@google.com>_#10</aa@google.com>
	I'm not convinced the issue is a dup. b/262868739 is marked as an internal cleanup while this bug is a failure to debug in native.
	Polina, can you double check?
	ko@google.com <ko@google.com> #11</ko@google.com>
	Yes, see Repro instructions
	kv@justin.tv <kv@justin.tv> <u>#12</u> Apr 19</kv@justin.tv>
	I will have some time today to create a reproducer project
	ko@google.com <ko@google.com></ko@google.com>
	Status: Duplicate of <u>268213434</u>
	km@gmail.com <km@gmail.com>#13</km@gmail.com>
	Here is a minimal sample:
	https://github.com/kmansoft/native-debug-fail
	Two issues:
	1 - When debug type is set to Automatic (the default), Android Studio Flamingo doesn't even try to start a native debug session
	2 - If you manually set debug type to Dual (Java + Native), then you'll get the error saying "No symbol directories found" - AS won't be able to attach to native C++ code and debugging native C work
	va@adyen.com <va@adyen.com>#14 Apr 21</va@adyen.com>
	Adding symbol directories manually does work, though. Breakpoints start working afterwards.

Linux 6.3.1-x64v3-xanmod1

GC: G1 Young Generation, G1 Old Generation

Memory: 4096M Cores: 20 Registry:

external.system.auto.import.disabled=true

ide.text.editor.with.preview.show.floating.toolbar=false

 ${\tt gradle.\,version.\,catalogs.\,dynamic.\,support=true}$

Current Desktop: ubuntu:GNOME