 DESCRIPTION [Deleted User] created issue [#1](#)


Android Studio 3.6 Beta 4
Build #AI-192.6817.14.36.5994180, built on November 7, 2019
Runtime version: 1.8.0_212-release-1586-b4-5784211 x86_64
VM: OpenJDK 64-Bit Server VM by JetBrains s.r.o
macOS 10.14.4
GC: ParNew, ConcurrentMarkSweep
Memory: 1981M
Cores: 8
Registry: ide.new.welcome.screen.force=true
Non-Bundled Plugins: Statistic, cat.kanbanapps.gradlekiller, org.jetbrains.kotlin, PythonCore, Docker

Android Gradle Plugin 3.5.2


To reproduce:
1. Run Espresso tests for single test class
2. After build succeeds, in the Run tab I can see "Instantiating tests..." and then "Test framework quit unexpectedly" (but the tests continue to run on the emulator).

Works fine on Android Studio 3.5.2 with the same setup. No suspicious entries in the idea.log. Can't share the project I'm using.

✓ Mentioned issues (1) ✓ Links (1)


 Mentioned issues (1)


P3 Instrumented test run fails on Emulator with: Test framework quit unexpectedly "<https://issuetracker.google.com/153725168>"


 Links (1)


"Fixed by <https://android.googlesource.com/platform/tools/adt/idea/+6b9d8131c79dc931a4d21d78b36d5149afc4f7cf> on the master branch. We'll discuss about cherry-pick the fix to 3.6."


COMMENTS


 **vi...@google.com** <vi...@google.com> [#2](#)
Assigned to ar...@google.com.
Thank you for your feedback. Team may reach out for more feedback in reproducing or triaging this issue.

 **ar...@google.com** <ar...@google.com> [#3](#)
Marked as fixed.
I can't repro this on 3.6 RC1 or 4.0 Canary 7.
We did some fixes to address race some race condition in instrumented test listener.
Please let us know if this still reproes in 4.0 Canary 7.

 **dm...@gmail.com** <dm...@gmail.com> [#4](#)
Still reproducing in 3.6 RC1 with same steps.
orchestrator: 1.1.0
kaspreso: 1.0.1
lifecycle_testing: 2.1.0

 **[Deleted User]** <[Deleted User]> [#5](#)
On 3.6 RC1 the issue seems to be fixed for me when running single test method, but when running all tests from the class the issue is still there.

 **ar...@google.com** <ar...@google.com> [#6](#)
If anyone can share a repro project, that would be helpful.

 **hu...@google.com** <hu...@google.com> [#7](#)

There might be a stale RunConfiguration in your project file. (Android Studio doesn't reuse existing RunConfiguration if any). Could you deleting those RunConfigurations or check if there are

ar...@gmail.com <ar...@gmail.com> [#8](#)

There is no any old or incorrect run configs in my project. I deleted project from disk and cloned from git again.

Message last modified on Jan 10, 2020 09:12PM

[Deleted User] <[Deleted User]> [#9](#)


I still see this with AS 3.6.0 RC3 and Gradle plugin 3.6.0-rc03. The configuration is created from scratch from the template. The only difference (applied automatically to the run configuration

This happens when running all tests from given class (using button next to line number in editor) but doesn't reproduce every time. Sometimes one or two tests are displayed correctly in the

When running single method from the class, everything seems to be fine (but didn't test this much, I could be lucky that time).

Would be happy to share some logs if I knew which of them, didn't find anything obvious in Logcat/idea.log. Or maybe there can be some additional logs added to the next build of AS so I can

Can we reopen this bug? This is very annoying issue that prevents us from updating to AS 3.6 (on 3.5 this works fine).

 **tests-1.png**
28 KB [View](#) [Download](#)

hu...@google.com <hu...@google.com> [#10](#)

Status: Assigned (reopened)

Thanks for giving us more information. Yes, this sounds like something goes wrong in the testing framework in the IDE. I suspect that AndroidProcessHandler failed to find tested application

[Deleted User] <[Deleted User]> [#11](#)

We have custom AndroidManifest.xml in androidTest source set where we specify 3 test runners, but I removed it and the problem still exists.

What I've just found out is that the issue is related to the Orchestrator.

We apply the Orchestrator in a following way:

```
testOptions {  
    execution 'ANDROIDX_TEST_ORCHESTRATOR'  
}
```

After removing the dependency on the Orchestrator (`androidTestUtil androidx.test:orchestrator:1.2.0`) and removing the "execution" line the issue is gone (but the Orchestrator is not

And yes, before removing the Orchestrator we sometimes see in Run logs that adb connects only to the one process instead of two.

When running with Orchestrator, the following adb command is executed:

```
$ adb shell CLASSPATH=$(pm path androidx.test.services) app_process / androidx.test.services.shellexecutor.ShellMain am instrument -r -w -e targetInstrumentation
```

and when running without Orchestrator:

```
$ adb shell am instrument -w -r -e clearPackageData true --no-window-animation -e debug false -e class 'com.myapp.tests.TheTestClass' com.myapp.debug.test
```

(The package name was changed. We have `.debug applicationIdSuffix` for debug builds)

I've also tried removing `androidx.test.services` and `androidx.test.orchestrator` packages before running tests to make them reinstalled in a clean way, but this doesn't help.

[Deleted User] <[Deleted User]> [#12](#)

The issue still occurs on Android Studio 3.6 final. :-(

th...@gmail.com <th...@gmail.com> [#13](#)

This issue is still in Android Studio 3.6.1

hu...@google.com <hu...@google.com>

Accepted by hu...@google.com.

hu...@google.com <hu...@google.com> [#14](#)

Marked as fixed.

Fixed by <https://android.googlesource.com/platform/tools/adt/idea/+6b9d8131c79dc931a4d21d78b36d5149afc4f7cf> on the master branch. We'll discuss about cherry-pick the fix to 3.6.



mi...@gmail.com <mi...@gmail.com> [#15](#)

Any news on releasing a hotfix? This issue is considered a blocker for using AS 3.6.+ in our team



da...@capitalone.com <da...@capitalone.com> [#16](#)

Our team members who upgraded to 3.6 have been using Spoon to run our unit tests, but this would be a nice fix to have!

Message last modified on Mar 11, 2020 01:14AM



ar...@google.com <ar...@google.com> [#17](#)

This is going to be included in 3.6.2



[Deleted User] <[Deleted User]> [#18](#)

When will the new version be released?



ru...@gmail.com <ru...@gmail.com> [#19](#)

When 3.6.2???



p....@gmail.com <p....@gmail.com> [#20](#)

Android Studio 3.6.2 was just released!



ro...@gmail.com <ro...@gmail.com> [#21](#)

I have this issue in AS 4.1 Canary 6



ro...@gmail.com <ro...@gmail.com> [#22](#)

When will there be a fix for AS 4.1?



ro...@gmail.com <ro...@gmail.com> [#23](#)

<https://issuetracker.google.com/issues/153725168>



ar...@google.com <ar...@google.com> [#24](#)

#23, this particular fix is for the failure to run under ANDROIDX_TEST_ORCHESTRATOR. Can you confirm that you are using ANDROIDX_TEST_ORCHESTRATOR and see this failing in 4.1 Can



lj...@gmail.com <lj...@gmail.com> [#25](#)

still same error in Android Stdio 4.1 Canary 7 when project include jni native code



ta...@360learning.com <ta...@360learning.com> [#26](#)

The issue still happens for me on 3.6.3 but only on an API 30 emulator (not on emulators of previous versions)



ar...@google.com <ar...@google.com> [#27](#)

[comment#26](#), are you using the latest androidx.test.orchestrator libraries? There was an issue with 1.1.0 version preventing it from running on Android R.

Message last modified on May 27, 2020 06:47AM



pi...@gmail.com <pi...@gmail.com> [#28](#)

I'm also experiencing this issue on AS 4.1 beta 1. As far as I'm aware I'm not using orchestrator libraries. Testing on an Android Q device. Tests don't work when clicking play in AS, but work



ar...@google.com <ar...@google.com> [#29](#)

Comment#28, if you're not using orchestrator, then that's a separate issue.

Can you open new bug, and attach a sample project that reproduces the issue please? Thanks!

