


 STATUS UPDATE No update yet.

Edit

 DESCRIPTION sn...@squareup.com created issue [#1](#)

Using:
* AGP : 4.0.0 beta 03
* Gradle 6.2.2
* Kotlin 1.3.70


On our CI servers, we run around 200 jobs per PR. They all work fine with the setup above, except all our lint jobs.

We use a few wrappers in ruby to invoke gradle on our various tasks. All of them work well, but we have 5 jobs, all related to lint that timeout. After retrying locally, we realized that the lint tasks a

The lint jobs seem to keep "hanging", the gradle process doesn't seem to terminate correctly or maybe it spans other subprocesses that do not terminate correctly. It looks like our wrappers do not. Note that on our CI, we do **not** use a gradle daemon, so a task is run, and then gradle finishes. This is a very stable CI engine, we didn't change anything recently, the gradle version is also not

We started to investigate but couldn't really identify the issue precisely yet. Sorry for the fuzziness of this bug report for now. We will complete it next week, but we're wondering if that rings a bell

✓ Links (3)


 Links (3)

"<http://127.0.0.1>"

"I confirm that <https://github.com/gradle/gradle/issues/12636> has solved the issue. Thx @adam !"


"https://developer.android.com/studio/releases/gradle-plugin?buildsystem=ndk-build#race_condition_in_..."

COMMENTS



tn...@google.com <tn...@google.com> [#2](#)

Doesn't ring a bell. Would it be possible to generate a thread dump (jstack <pid>) of the process when lint is hanging?



sn...@squareup.com <sn...@squareup.com> [#3](#)

Here it is:

2020-03-21 14:43:14
Full thread dump Java HotSpot(TM) 64-Bit Server VM (25.202-b08 mixed mode):

"Attach Listener" #123 daemon prio=9 os_prio=0 tid=0x00007fb560001000 nid=0x3e00 waiting on condition [0x0000000000000000]
java.lang.Thread.State: RUNNABLE

"WorkerExecutor Queue" #94 prio=5 os_prio=0 tid=0x00007fb49401d000 nid=0x1f8b waiting on condition [0x00007fb4c27f4000]
java.lang.Thread.State: WAITING (parking)
at sun.misc.Unsafe.park(Native Method)
- parking to wait for <0x00000002e5930c50> (a java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject)
at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)
at java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
at org.gradle.internal.work.DefaultConditionalExecutionQueue\$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
at org.gradle.internal.work.DefaultConditionalExecutionQueue\$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
at java.util.concurrent.Executors\$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.gradle.internal.concurrent.ExecutorPolicy\$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
at org.gradle.internal.concurrent.ManagedExecutorImpl\$1.run(ManagedExecutorImpl.java:48)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor\$Worker.run(ThreadPoolExecutor.java:624)
at org.gradle.internal.concurrent.ThreadFactoryImpl\$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
at java.lang.Thread.run(Thread.java:748)

"WorkerExecutor Queue" #93 prio=5 os_prio=0 tid=0x00007fb4d8062800 nid=0x1f8a waiting on condition [0x00007fb4c26f3000]
java.lang.Thread.State: WAITING (parking)
at sun.misc.Unsafe.park(Native Method)
- parking to wait for <0x00000002e32852d0> (a java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject)
at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)

```
at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:48)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
at java.lang.Thread.run(Thread.java:748)
```

"WorkerExecutor Queue" #89 prio=5 os_prio=0 tid=0x00007fb4ac027800 nid=0x1f89 waiting on condition [0x00007fb4c25f2000]

```
java.lang.Thread.State: WAITING (parking)
at sun.misc.Unsafe.park(Native Method)
- parking to wait for <0x00000002d5887bd0> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)
at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:48)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
at java.lang.Thread.run(Thread.java:748)
```

"WorkerExecutor Queue" #90 prio=5 os_prio=0 tid=0x00007fb4bc022800 nid=0x1f88 waiting on condition [0x00007fb4c24f1000]

```
java.lang.Thread.State: WAITING (parking)
at sun.misc.Unsafe.park(Native Method)
- parking to wait for <0x00000002e4c974c0> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)
at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:48)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
at java.lang.Thread.run(Thread.java:748)
```

"WorkerExecutor Queue" #91 prio=5 os_prio=0 tid=0x00007fb54402b000 nid=0x1f87 waiting on condition [0x00007fb4c28f5000]

```
java.lang.Thread.State: WAITING (parking)
at sun.misc.Unsafe.park(Native Method)
- parking to wait for <0x00000002e542c2b0> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)
at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:48)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
at java.lang.Thread.run(Thread.java:748)
```

"WorkerExecutor Queue" #88 prio=5 os_prio=0 tid=0x00007fb4a4022800 nid=0x1f86 waiting on condition [0x00007fb4c2dfa000]

```
java.lang.Thread.State: WAITING (parking)
at sun.misc.Unsafe.park(Native Method)
- parking to wait for <0x00000002e7ec26c8> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)
at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:48)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
at java.lang.Thread.run(Thread.java:748)
```

```
"WorkerExecutor Queue" #87 prio=5 os_prio=0 tid=0x00007fb5d71db800 nid=0x1f85 waiting on condition [0x00007fb4c2bf8000]
  java.lang.Thread.State: WAITING (parking)
    at sun.misc.Unsafe.park(Native Method)
    - parking to wait for <0x00000002ecbe76c8> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175)
    at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:2039)
    at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.waitForNextOperation(DefaultConditionalExecutionQueue.java:145)
    at org.gradle.internal.work.DefaultConditionalExecutionQueue$ExecutionRunner.run(DefaultConditionalExecutionQueue.java:130)
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
    at java.util.concurrent.FutureTask.run(FutureTask.java:266)
    at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
    at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:48)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
    at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56)
    at java.lang.Thread.run(Thread.java:748)

"pool-1-thread-1" #15 prio=5 os_prio=0 tid=0x00007fb5d487c000 nid=0x1e7d waiting on condition [0x00007fb564200000]
  java.lang.Thread.State: TIMED_WAITING (parking)
    at sun.misc.Unsafe.park(Native Method)
    - parking to wait for <0x00000002c2e1a5e8> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:215)
    at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.awaitNanos(AbstractQueuedSynchronizer.java:2078)
    at java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.take(ScheduledThreadPoolExecutor.java:1093)
    at java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.take(ScheduledThreadPoolExecutor.java:809)
    at java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java:1074)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1134)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
    at java.lang.Thread.run(Thread.java:748)

"Service Thread" #9 daemon prio=9 os_prio=0 tid=0x00007fb5d40d3800 nid=0x1e70 runnable [0x0000000000000000]
  java.lang.Thread.State: RUNNABLE

"C1 CompilerThread3" #8 daemon prio=9 os_prio=0 tid=0x00007fb5d40c8000 nid=0x1e6f waiting on condition [0x0000000000000000]
  java.lang.Thread.State: RUNNABLE

"C2 CompilerThread2" #7 daemon prio=9 os_prio=0 tid=0x00007fb5d40c6000 nid=0x1e6e waiting on condition [0x0000000000000000]
  java.lang.Thread.State: RUNNABLE

"C2 CompilerThread1" #6 daemon prio=9 os_prio=0 tid=0x00007fb5d40c4000 nid=0x1e6d waiting on condition [0x0000000000000000]
  java.lang.Thread.State: RUNNABLE

"C2 CompilerThread0" #5 daemon prio=9 os_prio=0 tid=0x00007fb5d40c1000 nid=0x1e6c waiting on condition [0x0000000000000000]
  java.lang.Thread.State: RUNNABLE

"Signal Dispatcher" #4 daemon prio=9 os_prio=0 tid=0x00007fb5d40bf800 nid=0x1e6b runnable [0x0000000000000000]
  java.lang.Thread.State: RUNNABLE

"Finalizer" #3 daemon prio=8 os_prio=0 tid=0x00007fb5d408c800 nid=0x1e6a in Object.wait() [0x00007fb5a859c000]
  java.lang.Thread.State: WAITING (on object monitor)
    at java.lang.Object.wait(Native Method)
    at java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:144)
    - locked <0x00000002c2e25020> (a java.lang.ref.ReferenceQueue$Lock)
    at java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:165)
    at java.lang.ref.Finalizer$FinalizerThread.run(Finalizer.java:216)

"Reference Handler" #2 daemon prio=10 os_prio=0 tid=0x00007fb5d408a000 nid=0x1e69 in Object.wait() [0x00007fb5a869d000]
  java.lang.Thread.State: WAITING (on object monitor)
    at java.lang.Object.wait(Native Method)
    at java.lang.Object.wait(Object.java:502)
    at java.lang.ref.Reference.tryHandlePending(Reference.java:191)
    - locked <0x00000002c2e251d8> (a java.lang.ref.Reference$Lock)
    at java.lang.ref.Reference$ReferenceHandler.run(Reference.java:153)

"main" #1 prio=5 os_prio=0 tid=0x00007fb5d4009800 nid=0x1e5f waiting on condition [0x00007fb5db4a2000]
  java.lang.Thread.State: TIMED_WAITING (parking)
    at sun.misc.Unsafe.park(Native Method)
    - parking to wait for <0x00000002e5930cb8> (a java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:215)
    at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.awaitNanos(AbstractQueuedSynchronizer.java:2078)
    at java.util.concurrent.ThreadPoolExecutor.awaitTermination(ThreadPoolExecutor.java:1475)
    at org.gradle.internal.concurrent.ManagedExecutorImpl.stop(ManagedExecutorImpl.java:87)
    at org.gradle.internal.concurrent.DefaultExecutorFactory$TrackedManagedExecutor.stop(DefaultExecutorFactory.java:80)
    at org.gradle.internal.concurrent.ManagedExecutorImpl.stop(ManagedExecutorImpl.java:77)
    at org.gradle.internal.concurrent.CompositeStoppable.stop(CompositeStoppable.java:106)
    - locked <0x00000005c1a19490> (a org.gradle.internal.concurrent.CompositeStoppable)
    at org.gradle.internal.concurrent.DefaultExecutorFactory.stop(DefaultExecutorFactory.java:33)
    at org.gradle.internal.concurrent.CompositeStoppable.stop(CompositeStoppable.java:106)
    - eliminated <owner is scalar replaced> (a org.gradle.internal.concurrent.CompositeStoppable) at org.gradle.internal.service.DefaultServiceRegistry
    - locked <0x00000002c3361028> (a org.gradle.internal.service.DefaultServiceRegistry$FactoryMethodService)
```

```
at org.gradle.internal.concurrent.CompositeStoppable.stop(CompositeStoppable.java:106)
- locked <0x00000002c333b0a0> (a org.gradle.internal.concurrent.CompositeStoppable)
at org.gradle.internal.service.DefaultServiceRegistry$OwnServices.stop(DefaultServiceRegistry.java:470)
at org.gradle.internal.concurrent.CompositeStoppable.stop(CompositeStoppable.java:106)
- locked <0x00000005c1a16b58> (a org.gradle.internal.concurrent.CompositeStoppable)
at org.gradle.internal.service.DefaultServiceRegistry$CompositeServiceProvider.stop(DefaultServiceRegistry.java:962)
at org.gradle.internal.concurrent.CompositeStoppable.stop(CompositeStoppable.java:106)
- locked <0x00000005c1a16ae0> (a org.gradle.internal.concurrent.CompositeStoppable)
at org.gradle.internal.service.DefaultServiceRegistry.close(DefaultServiceRegistry.java:259)
at org.gradle.internal.concurrent.CompositeStoppable$2.stop(CompositeStoppable.java:90)
at org.gradle.internal.concurrent.CompositeStoppable.stop(CompositeStoppable.java:106)
- locked <0x00000002c308af00> (a org.gradle.internal.concurrent.CompositeStoppable)
at org.gradle.launcher.cli.RunBuildAction.run(RunBuildAction.java:67)
at org.gradle.internal.Actions$RunnableActionAdapter.execute(Actions.java:212)
at org.gradle.launcher.cli.DefaultCommandLineActionFactory$ParseAndBuildAction.execute(DefaultCommandLineActionFactory.java:404)
at org.gradle.launcher.cli.DefaultCommandLineActionFactory$ParseAndBuildAction.execute(DefaultCommandLineActionFactory.java:376)
at org.gradle.launcher.cli.ExceptionReportingAction.execute(ExceptionReportingAction.java:38)
at org.gradle.launcher.cli.ExceptionReportingAction.execute(ExceptionReportingAction.java:23)
at org.gradle.launcher.cli.DefaultCommandLineActionFactory$WithLogging.execute(DefaultCommandLineActionFactory.java:369)
at org.gradle.launcher.Main.doAction(Main.java:35)
at org.gradle.launcher.bootstrap.EntryPoint.run(EntryPoint.java:45)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.gradle.launcher.bootstrap.ProcessBootstrap.runNoExit(ProcessBootstrap.java:60)
at org.gradle.launcher.bootstrap.ProcessBootstrap.run(ProcessBootstrap.java:37)
at org.gradle.launcher.GradleMain.main(GradleMain.java:31)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.gradle.wrapper.BootstrapMainStarter.start(BootstrapMainStarter.java:35)
at org.gradle.wrapper.WrapperExecutor.execute(WrapperExecutor.java:108)
at org.gradle.wrapper.GradleWrapperMain.main(GradleWrapperMain.java:63)
```

```
"VM Thread" os_prio=0 tid=0x00007fb5d4080800 nid=0x1e68 runnable

"GC task thread#0 (ParallelGC)" os_prio=0 tid=0x00007fb5d401f000 nid=0x1e60 runnable

"GC task thread#1 (ParallelGC)" os_prio=0 tid=0x00007fb5d4020800 nid=0x1e61 runnable

"GC task thread#2 (ParallelGC)" os_prio=0 tid=0x00007fb5d4022800 nid=0x1e62 runnable

"GC task thread#3 (ParallelGC)" os_prio=0 tid=0x00007fb5d4024800 nid=0x1e63 runnable

"GC task thread#4 (ParallelGC)" os_prio=0 tid=0x00007fb5d4026000 nid=0x1e64 runnable

"GC task thread#5 (ParallelGC)" os_prio=0 tid=0x00007fb5d4028000 nid=0x1e65 runnable

"GC task thread#6 (ParallelGC)" os_prio=0 tid=0x00007fb5d402a000 nid=0x1e66 runnable

"GC task thread#7 (ParallelGC)" os_prio=0 tid=0x00007fb5d402b800 nid=0x1e67 runnable

"VM Periodic Task Thread" os_prio=0 tid=0x00007fb5d40d6000 nid=0x1e71 waiting on condition

JNI global references: 3299
```

tn...@google.com <tn...@google.com> [#4](#)

I don't see lint anywhere on that stack so it looks like it's finished; so I guess that means the problem is elsewhere (e.g. whoever is waiting for termination isn't getting the right lifecycle notific

sn...@squareup.com <sn...@squareup.com> [#5](#)

Thx Tor.

sn...@squareup.com <sn...@squareup.com> [#6](#)

After our lint task finish, we now see in the logs that there is a new kotlin compilation being started and we don't understand why. The compilation also triggers the evaluation of all projets:

```
959062 [2020-03-23 23:02:51] 2020-03-23T23:02:51.964+0000 [DEBUG] [org.jetbrains.kotlin.gradle.plugin.statistics.KotlinBuildStatsService] Executing [c 95
959063 [2020-03-23 23:02:52] 2020-03-23T23:02:51.970+0000 [DEBUG] [org.jetbrains.kotlin.gradle.plugin.statistics.KotlinBuildStatsService] Executing [r 95
959064 [2020-03-23 23:02:52] 2020-03-23T23:02:51.970+0000 [DEBUG] [org.jetbrains.kotlin.gradle.plugin.statistics.KotlinBuildStatsService] Executing [r 95
959065 [2020-03-23 23:02:52] 2020-03-23T23:02:51.970+0000 [DEBUG] [org.jetbrains.kotlin.gradle.plugin.statistics.KotlinBuildStatsService] Executing [r 95
959066 [2020-03-23 23:02:52] 2020-03-23T23:02:51.974+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Exec 95
```

Not sure if this is an error on AGP side or our, we are still investigating.

sn...@squareup.com <sn...@squareup.com> [#7](#)

After the "cross-configuration" finishes (allprojects), then we see a lot of RMI activity:

```
970558 [2020-03-23 23:03:54] 2020-03-23T23:03:54.285+0000 [DEBUG] [sun.rmi.transport.tcp] RMI TCP Connection(66)-127.0.0.1: accepted socket from [127.97
```

For around 1 hour. And this is why our job times out.

In a few words: the lint task takes 4 min (the whole build was cached), but after the task is done, it looks like there is kotlin daemon related activity still, some configuration and RMI activity tl

tn...@google.com <tn...@google.com> [#8](#)

KotlinBuildStatsService sounds like some sort of metrics collection by the Kotlin plugin; maybe check the docs to see if that's configurable.

an...@jetbrains.com <an...@jetbrains.com> [#9](#)

KotlinBuildStatsService is a part of Kotlin gradle plugin which collects some performance metrics. The calls mentioned above should take place after a build finished. It should not force project configuration nor compilation.

You may check whether kotlin statistics is relevant to your problem by creating file "gradle_user_dir/kotlin-profile/.disable"

sn...@squareup.com <sn...@squareup.com> [#10](#)

The .disable file didn't really change the problem: yes, the kotlin performance collector was not run, we could see it, and the cross-configuration phase didn't happen neither.

But the gradle process still doesn't terminate properly. Here is the end of the logs, as you can see the gradle build finishes, then we enter some cleaning / releasing locks phase. But there pro

```
global/lint.jar', not found
[2020-03-24 17:53:46] 2020-03-24T17:53:45.536+0000 [INFO] [org.gradle.api.internal.file.collections.DirectoryFileTree] file or directory '/workingDir/comm
[2020-03-24 17:53:46] 2020-03-24T17:53:45.536+0000 [INFO] [org.gradle.api.internal.file.collections.DirectoryFileTree] file or directory '/workingDir/comm
[2020-03-24 17:53:46] 2020-03-24T17:53:45.536+0000 [INFO] [org.gradle.api.internal.file.collections.DirectoryFileTree] file or directory '/workingDir/comm
[2020-03-24 17:53:46] 2020-03-24T17:53:45.536+0000 [INFO] [org.gradle.api.internal.file.collections.DirectoryFileTree] file or directory '/workingDir/comm
[2020-03-24 17:53:51] 179.878: [GC (Metadata GC Threshold) [PSYoungGen: 1753650K->331600K(6100992K)] 2177343K->755373K(19212288K), 0.1402500 secs] [Times:
[2020-03-24 17:53:53] 180.018: [Full GC (Metadata GC Threshold) [PSYoungGen: 331600K->0K(6100992K)] [ParOldGen: 423772K->686018K(13111296K)] 755373K->6860
[2020-03-24 17:54:28] 216.812: [GC (Allocation Failure) [PSYoungGen: 5769216K->413950K(5991424K)] 6455234K->1100000K(19102720K), 0.2332170 secs] [Times: u
[2020-03-24 17:54:48] 236.519: [GC (Allocation Failure) [PSYoungGen: 5969150K->500203K(6055424K)] 6655200K->1291472K(19166720K), 0.2827635 secs] [Times: u
[2020-03-24 17:55:29] 276.874: [GC (Allocation Failure) [PSYoungGen: 6055403K->500200K(5117440K)] 6846672K->2067515K(18228736K), 0.6538121 secs] [Times: u
[2020-03-24 17:55:49] 297.342: [GC (Allocation Failure) [PSYoungGen: 5117416K->782127K(5399552K)] 6684731K->2349449K(18510848K), 0.3700947 secs] [Times: u
[2020-03-24 17:55:54] 2020-03-24T17:55:54.539+0000 [QUIET] [system.out] No issues found.
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Completing Build operation 'Exec
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Execute lint fc
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Snapshot output
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Completing Build operation 'Snap
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Snapshot output
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.api.internal.tasks.execution.ResolveTaskExecutionModeExecuter] Removed task artifac
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [INFO] [com.android.build.gradle.internal.profile.RecordingBuildListener] Task :square:common:x2crashlc
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Completing Build operation 'Task
[2020-03-24 17:55:54] 2020-03-24T17:55:54.699+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Task :square:cc
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [INFO] [org.gradle.execution.plan.DefaultPlanExecutor] :square:common:x2crashloop:lintRelease (Thread[E
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultExecutionPlan] Node :square:common:x2crashloop:lintRelease fi
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultExecutionPlan] Node :square:common:x2crashloop:lintRelease co
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.internal.resources.AbstractTrackedResourceLock] Execution worker for ':' Thread 7:
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.internal.work.DefaultWorkerLeaseService] Worker lease root.1.778 completed (1 worke
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.internal.resources.AbstractTrackedResourceLock] Execution worker for ':' Thread 7:
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.700+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.701+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.701+0000 [DEBUG] [org.gradle.execution.plan.DefaultPlanExecutor] Execution worker [Thread[Execution worker for '
[2020-03-24 17:55:54] 2020-03-24T17:55:54.701+0000 [DEBUG] [org.gradle.execution.taskgraph.DefaultTaskExecutionGraph] Timing: Executing the DAG took 2 mir
[2020-03-24 17:55:54] 2020-03-24T17:55:54.706+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Completing Build operation 'Run
[2020-03-24 17:55:54] 2020-03-24T17:55:54.706+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Run tasks' comp
[2020-03-24 17:55:54] 2020-03-24T17:55:54.709+0000 [INFO] [com.android.build.gradle.internal.dependency.AarResourcesCompilerTransform$Inject1] AAPT2 aapt2
[2020-03-24 17:55:54] 2020-03-24T17:55:54.711+0000 [INFO] [com.android.build.gradle.internal.dependency.AarResourcesCompilerTransform$Inject1] AAPT2 aapt2
[2020-03-24 17:55:54] 2020-03-24T17:55:54.712+0000 [INFO] [com.android.build.gradle.internal.dependency.AarResourcesCompilerTransform$Inject1] AAPT2 aapt2
[2020-03-24 17:55:54] 2020-03-24T17:55:54.713+0000 [INFO] [com.android.build.gradle.internal.dependency.AarResourcesCompilerTransform$Inject1] AAPT2 aapt2
[2020-03-24 17:55:54] 2020-03-24T17:55:54.737+0000 [DEBUG] [org.jetbrains.kotlin.gradle.plugin.KotlinGradleBuildServices] [KOTLIN] Disposed KotlinGradleBu
[2020-03-24 17:55:54] 2020-03-24T17:55:54.741+0000 [DEBUG] [org.gradle.internal.work.DefaultWorkerLeaseService] Worker lease root.1 completed (0 worker(s)
[2020-03-24 17:55:54] 2020-03-24T17:55:54.741+0000 [DEBUG] [org.gradle.internal.resources.AbstractTrackedResourceLock] main: released lock on root.1
[2020-03-24 17:55:54] 2020-03-24T17:55:54.742+0000 [LIFECYCLE] [org.gradle.internal.buildevents.BuildResultLogger]
[2020-03-24 17:55:54] 2020-03-24T17:55:54.748+0000 [LIFECYCLE] [org.gradle.internal.buildevents.BuildResultLogger] BUILD SUCCESSFUL in 5m 2s
[2020-03-24 17:55:54] 2020-03-24T17:55:54.749+0000 [LIFECYCLE] [org.gradle.internal.buildevents.TaskExecutionStatisticsReporter] 422 actionable tasks: 77
```



```
[2020-03-24 17:55:55] 2020-03-24T17:55:54.938+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Completing Build operation 'Run
[2020-03-24 17:55:55] 2020-03-24T17:55:54.938+0000 [DEBUG] [org.gradle.internal.operations.DefaultBuildOperationExecutor] Build operation 'Run build' comp
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for file cc
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on file content cache (/worki
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.gradle.caching.internal.controller.service.OpFiringBuildCacheServiceHandle] Closing remote
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.apache.http.impl.conn.PoolingHttpClientConnectionManager] Connection manager is shutting d
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.apache.http.impl.conn.DefaultManagedHttpClientConnection] http-outgoing-99: Close connecti
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.apache.http.impl.conn.DefaultManagedHttpClientConnection] http-outgoing-95: Close connecti
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.apache.http.impl.conn.DefaultManagedHttpClientConnection] http-outgoing-94: Close connecti
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.apache.http.impl.conn.DefaultManagedHttpClientConnection] http-outgoing-98: Close connecti
[2020-03-24 17:55:55] 2020-03-24T17:55:55.020+0000 [DEBUG] [org.apache.http.impl.conn.PoolingHttpClientConnectionManager] Connection manager shut down
[2020-03-24 17:55:55] 2020-03-24T17:55:55.021+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for Build C
[2020-03-24 17:55:55] 2020-03-24T17:55:55.021+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache outputFiles.bin (/v
[2020-03-24 17:55:55] 2020-03-24T17:55:55.021+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on Build Output Cleanup Cache
[2020-03-24 17:55:55] 2020-03-24T17:55:55.021+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for executi
[2020-03-24 17:55:55] 2020-03-24T17:55:55.021+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache executionHistory.bi
[2020-03-24 17:55:55] 2020-03-24T17:55:55.021+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on execution history cache (/
[2020-03-24 17:55:55] 2020-03-24T17:55:55.022+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for cache d
[2020-03-24 17:55:55] 2020-03-24T17:55:55.022+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on cache directory md-rule (/
[2020-03-24 17:55:55] 2020-03-24T17:55:55.029+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for cache d
[2020-03-24 17:55:55] 2020-03-24T17:55:55.029+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on cache directory md-supplie
[2020-03-24 17:55:55] 2020-03-24T17:55:55.052+0000 [DEBUG] [org.gradle.api.internal.artifacts.ivyservice.resolveengine.store.CachedStoreFactory] Resolutic
[2020-03-24 17:55:55] 2020-03-24T17:55:55.052+0000 [DEBUG] [org.gradle.api.internal.artifacts.ivyservice.resolveengine.store.CachedStoreFactory] Resolutic
[2020-03-24 17:55:55] 2020-03-24T17:55:55.053+0000 [DEBUG] [org.gradle.api.internal.artifacts.ivyservice.resolveengine.store.ResolutionResultsStoreFactory
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.deployment.internal.DefaultDeploymentRegistry] Stopping 0 deployment handles
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.deployment.internal.DefaultDeploymentRegistry] Stopped deployment handles
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for checksu
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache md5-checksums.bin (
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache sha1-checksums.bin
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on checksums cache (/workingf
[2020-03-24 17:55:55] 2020-03-24T17:55:55.056+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for file ha
[2020-03-24 17:55:55] 2020-03-24T17:55:55.057+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache fileHashes.bin (/wc
[2020-03-24 17:55:55] 2020-03-24T17:55:55.057+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache resourceHashesCache
[2020-03-24 17:55:55] 2020-03-24T17:55:55.057+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on file hash cache (/workingf
[2020-03-24 17:55:55] 2020-03-24T17:55:55.057+0000 [DEBUG] [org.gradle.cache.internal.DefaultCacheAccess] Cache VCS Checkout Cache (/workingDir/.gradle/vc
[2020-03-24 17:55:55] 2020-03-24T17:55:55.057+0000 [DEBUG] [org.gradle.cache.internal.DefaultCacheAccess] Cache VCS metadata (/workingDir/.gradle/6.2.2/vc
[2020-03-24 17:55:55] 2020-03-24T17:55:55.086+0000 [DEBUG] [org.gradle.cache.internal.VersionSpecificCacheCleanupAction] Processed version-specific caches
[2020-03-24 17:55:55] 2020-03-24T17:55:55.095+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for jars (/
[2020-03-24 17:55:55] 2020-03-24T17:55:55.095+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on jars (/workingDir/gradle-c
[2020-03-24 17:55:55] 2020-03-24T17:55:55.109+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for file co
[2020-03-24 17:55:55] 2020-03-24T17:55:55.109+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on file content cache (/worki
[2020-03-24 17:55:55] 2020-03-24T17:55:55.109+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for Artificac
[2020-03-24 17:55:55] 2020-03-24T17:55:55.109+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on Artifact transforms cache
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for articaf
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache module-metadata.bir
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache module-artifacts.bi
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache module-artifact.bir
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache resource-at-url.bir
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on artifact cache (/workingDir
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for Generat
[2020-03-24 17:55:55] 2020-03-24T17:55:55.111+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on Generated Gradle JARs cach
[2020-03-24 17:55:55] 2020-03-24T17:55:55.112+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for journal
[2020-03-24 17:55:55] 2020-03-24T17:55:55.112+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache file-access.bin (/v
[2020-03-24 17:55:55] 2020-03-24T17:55:55.112+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on journal cache (/workingDir
[2020-03-24 17:55:55] 2020-03-24T17:55:55.113+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for file ha
[2020-03-24 17:55:55] 2020-03-24T17:55:55.113+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache fileHashes.bin (/wc
[2020-03-24 17:55:55] 2020-03-24T17:55:55.113+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache resourceHashesCache
[2020-03-24 17:55:55] 2020-03-24T17:55:55.113+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on file hash cache (/workingf
[2020-03-24 17:55:55] 2020-03-24T17:55:55.113+0000 [DEBUG] [org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess] Releasing file lock for executi
[2020-03-24 17:55:55] 2020-03-24T17:55:55.114+0000 [DEBUG] [org.gradle.cache.internal.btree.BTreePersistentIndexedCache] Closing cache executionHistory.bi
[2020-03-24 17:55:55] 2020-03-24T17:55:55.114+0000 [DEBUG] [org.gradle.cache.internal.DefaultFileLockManager] Releasing lock on execution history cache (/
[2020-03-24 17:55:55] 2020-03-24T17:55:55.114+0000 [DEBUG] [org.gradle.cache.internal.VersionSpecificCacheCleanupAction] Processed version-specific caches
[2020-03-24 17:55:55] 2020-03-24T17:55:55.119+0000 [DEBUG] [org.gradle.cache.internal.locklistener.DefaultFileLockContentionHandler] File lock listener th
```

We are completely stuck on this problem.

tn...@google.com <tn...@google.com> #11

Assigned to je...@google.com.

Ok -- Jerome, any ideas?

xa...@google.com <xa...@google.com> #12

I wonder if the problem is config-on-demand (stephane confirmed he's enabling it) and Lint querying models. The fact that he sees weird config happening could be it.

I asked him to try without it.

tn...@google.com <tn...@google.com> #13

Ok -- but I don't see lint in the stacktrace at all. Or are you saying that it could somehow affect lifecycle notification such that not all listeners are cleaned up or something? Definitely will be g

sn...@squareup.com <sn...@squareup.com> [#14](#)

We launched a few builds with CoD off, but the problem persists.

Message last modified on Mar 25, 2020 09:33AM

xa...@google.com <xa...@google.com> [#15](#)

Update from Square, it can also happen when running other tasks than lint.

sn...@squareup.com <sn...@squareup.com> [#16](#)

But it happens on AGP 4 exclusively.

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

Reassigned to ne...@google.com.

Adam from Gradle has investigated the problem and found that it's a race condition in Gradle's worker mechanism. This can only happen if:

- Gradle is running with `--no-daemon`
- Gradle's `WorkerExecutor` is *only* injected in tasks and not used during the configuration phase (which makes it be instantiated during execution)

In 3.6, we used `GradleExecutor` in the config phase, but in 4.0, we fully moved to injecting it in the tasks to prepare for instant execution. Since Square runs in `--no-daemon` this triggered the issue. The fix will happen in Gradle 6.4. I think it's not critical for us to move AGP 4.0 to 6.4 minimum to fix this issue because the `--no-daemon` requirement makes it an edge case. However, we should document it. Neal, can you take care of the documentation/release notes aspect?

sn...@squareup.com <sn...@squareup.com> [#18](#)

I confirm that <https://github.com/gradle/gradle/issues/12636> has solved the issue. Thx @adam !

@Xavier, you might be right about the requirement for 6.4. For us, it was really related to our CI infrastructure. We run gradle without daemon. It might really be an edge case, I guess you might want to document it.

ne...@google.com <ne...@google.com>

Accepted by ne...@google.com.

ne...@google.com <ne...@google.com> [#19](#)

Assigned to xa...@google.com.

This has been documented as a Known Issue for Gradle versions 6.3 and lower in the AGP 4.0 release notes: https://developer.android.com/studio/releases/gradle-plugin?buildsystem=ndk-build#race_condition_in_gradle_worker_mechanism

xa...@google.com <xa...@google.com> [#20](#)

Status: Won't Fix (Infeasible)

Thanks Neal. I'm going to close this as Gradle has fixed the issue on their side.