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Bundling external SQLite implementation causes library tests to fail

+1

Hotlists

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Comments (4)DependenciesDuplicates (0)Blocking (0)Resources (1)

ObsoleteBugP2

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 STATUS UPDATE No update yet.

Edit

 DESCRIPTION al...@gmail.com created issue [#1](#)

Component used: androidx.room Version used: 2.3.0-beta03 Devices/Android versions reproduced on: Android Emulator

I'm not entirely sure if it's an issue with Room, but upgrading from 2.2.6 to 2.3.0-alpha01 or even the latest 2.3.0-beta03 causes all androidTests to fail.

Logcat shows these lines:

2021-03-24 23:32:14.127 6648-6672/? E/TestLoader: Could not find class: androidx.room.RoomTrackingLiveData

2021-03-24 23:32:14.129 6648-6672/? E/TestLoader: Could not find class: androidx.room.paging.LimitOffsetDataSource


2021-03-24 23:32:14.529 6648-6672/? E/TestLoader: Could not find class: io.requery.android.database.sqlite.SQLiteConnection

2021-03-24 23:32:14.651 6648-6672/? A/.qdatabase.tes: jni_internal.cc:650] JNI FatalError called: Native registration unable to find class 'io/requery/androi

before printing the stack trace for all the threads.


I'm using io.requery:sqlite-android:3.34.1 although I don't think it affects the outcome.

✓ Links (1)


 Links (1)

" ... tests to executed in an instrumentation test so the environment is as close as possible as the one run in a device. See: al...@gmail.com <al...@gmail.com> [#2](#)


Also as a note, when I run the application apk everything works as expected. Moving the tests over to the app's androidTest works as expected too.

 da...@google.com <da...@google.com> [#3](#)


We recommend tests to executed in an instrumentation test so the environment is as close as possible as the one run in a device. See: <https://developer.android.com/training/data-storage/r> side and not so much on the runtime.

 al...@gmail.com <al...@gmail.com> [#4](#)

Apologies, I just reran the tests on 2.2.6 / AS 4.1 and it still had the problem.
It's likely because I forgot about testing it when upgrading from Room 2.1 to 2.2 (because the app was working), and when I was looking to upgrade, it caused the crash.
Attached is a clean project I created from scratch that has the issue. Running the instrumented tests on Room 2.1.0 succeeds while 2.2.0-alpha01 fails.

 room-error.zip

151 KB [Download](#)

 da...@google.com <da...@google.com>

Status: Won't Fix (Obsolete)