

 DESCRIPTION je...@gmail.com created issue #1

DESCRIBE THE ISSUE IN DETAIL:

Creating a source set `androidCommonTest` (this specific name seems to be part of the issue) and having `androidTest` depend on it, causes Android Studio Dolphin to fail during gradle sync. It c

STEPS TO REPRODUCE:

1. Create a Kotlin multiplatform project
2. Add a `androidCommonTest` source set:

```
kotlin {
    sourceSets {
        val androidCommonTest by creating
        val androidTest by getting {
            dependsOn(androidCommonTest)
        }
        // don't actually need to androidAndroidTest.dependsOn(androidCommonTest) to cause bug
        ...
    }
}
```

4. At the end, after BUILD SUCCESSFUL you get the error Key androidCommonTest is missing in the map.

ATTACH SCREENSHOTS/RECORDINGS OF THE ISSUE

ATTACH LOG FILES (Select Help > Show Log in Files, or Show Log in Finder on a Mac)

IMPORTANT: Please read <https://developer.android.com/studio/report-bugs.html> carefully and supply all required information.

Studio Build: Android Studio Dolphin 2021.3.1 Beta 5

Version of Gradle Plugin: 7.3.0-beta05

Version of Gradle: 7.4.2

Version of Java: 11

OS: macOS Monterey

 **idea.log**
11 KB View Download

✓ Links (3)

⇒ Links (3)

"IMPORTANT: Please read <https://developer.android.com/studio/report-bugs.html> carefully and supply all required information."

...ating Android platform-specific actual implementations for commonTest code. Ultimately I don't want my androidTest unit tests connected to the commonTest source set at all, as most of my com

🔗dd31dc10a8ddaff92598c1c1f6805c196a7c3e should fix the crash itself but it is unlikely that we can reliably support sharing of code between unit and android tests without creating an addition

COMMENTS

so...@google.com <so...@google.com> #2

Key `androidCommonTest` is missing in the map is specifically caused by the clash of `android` prefix in your source set name and `android` prefix assumed by `android()` kmp platform. However, if you are trying to create a source set shared between instrumented and unit tests it is not supported by the Android plugin and it is unlikely to work in the KMP environment either.

je...@gmail.com <je...@gmail.com> #3

I found that this gradle configuration, adding an `androidCommonTest` common source set between `androidTest` and `androidAndroidTest`, worked as expected when running gradle tasks the Android plugin doesn't support it, but otherwise it seems to work in the KMP environment.

I ended up finding a better workaround to handle the issue I was attempting solve here, which was avoiding duplicating Android platform-specific `actual` implementations for `commonTest` c
workaround.



ad...@google.com <ad...@google.com>

Assigned to an...@google.com.



je...@google.com <je...@google.com>

Reassigned to sm...@google.com.



so...@google.com <so...@google.com> #4

⇒ Idd31dc10a8ddadff92598c1c1f6f805c196a7c3e should fix the crash itself but it is unlikely that we can reliably support sharing of code between unit and android tests without creating an



ga...@google.com <ga...@google.com>

Reassigned to so...@google.com.



so...@google.com <so...@google.com> #5

Handling of names has been fixed.



so...@google.com <so...@google.com> #6

Reassigned to ga...@google.com.

androidCommonTest as described above is currently not supported.



ga...@google.com <ga...@google.com> #7

Marked as fixed.

The fix will be released in Electric Eel Canary 9.

WRT sharing source dirs between unit tests and android tests, that is not supported ATM, but we are happy to consider feature requests for that. Thanks for filing the issue!