


Comments (2)DependenciesDuplicates (0)Blocking (0)Resources (1)

WAI

Bug


P3

+ Add Hotlist

 STATUS UPDATE

No update yet.

Edit

 DESCRIPTION

wj...@linkedin.com created issue #1

Feb 1, 2022 05:49AM

Version of Gradle Plugin: 7.0.

Version of Gradle: 7.1.

Version of Java: 11.

OS: Any.

Our library uses ndk-build to compile native code. Previously we would manually compile our libs with ndk-build, check the compiled code into src/main/libs, and point AGP to them via

```
sourceSets.main {
    jniLibs.srcDir 'src/main/libs'
}
```

We also used ndk-build to compile some *test* code. This way we could test the underlying C code without exposing it in our library. Instead we had some JNI class in the androidTest dir, and we'd tell AGP to include that *androidTest* JNI lib via:

```
sourceSets.androidTest {
    jniLibs.srcDir 'src/androidTest/libs'
}
```


Then the native test code would be included in the test APK, and we could test our underlying C code on emulators.

We're now moving to use the NDK build integration, like so:

```
externalNativeBuild {
    ndkBuild {
        path 'src/main/jni/Android.mk'
    }
}
```

However, [AGP can only link to one ndk-build script](#). The documentation suggests that I can include other makefiles in Android.mk, but then our test code would end up in our library, not the test APK. As far as I can tell there is no way to get AGP to build native code for androidTest only.

Reporter

wj...@linkedin.com

Type

Bug

Priority

P3

Severity

S3

Status


Won't fix (Intended behavior)

Access

Default access

View


Assignee

an...@google.com


Verifier

--

Collaborators

^

CC

^

ar...@google.com

wj...@linkedin.com

AOSP ID

--

Blocking Release

--

Release Status

--

Found In

--


Targeted To

--

Verified In

--

In Prod




Show 1 additional field

COMMENTS

All comments

↓ Oldest first

ju...@google.com <ju...@google.com>

Feb 2, 2022 10:42AM

Assigned to an...@google.com.

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

Mar 3, 2022 10:08AM

Status: Won't Fix (Intended Behavior)

Unfortunately this is a known limitation with our androidTest.