


Why Android NDK Doesn't allow Internal Referencing Between C/C++ & Java Code like Android Cmake?


+1

1

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Dependencies

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Bug


P3

+ Add Hotlist

 STATUS UPDATE


No update yet.

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 DESCRIPTION

ma...@gmail.com created issue #1

Apr 14, 2020 04:27AM



I am using a system with the following specs;

Studio Build:

- Version of Gradle Plugin: 3.6.2
- Version of Gradle: 5.6.4
- Version of Java: 1.8.0_241
- Version of NDK: android-ndk-r20b
- OS: Microsoft Windows 10 Pro

Problem Statement:


I am using Android NDK to build shared libraries since last year. While working with the projects like *WebRTC Native Stack*, it is really difficult, if code referencing is not fine. I know that Java Code Referencing is very fine using **CTRL+CLICK**. But I am very curious why Android Studio doesn't allow Internal referencing with `.java` and `.jni` folders. There are given two situations in which it doesn't work by just clicking **CTRL + CLICK**:

- Java and C/C++ Code Referencing
- Internal C/C++ Linkage Referencing

But using Cmake the above mentioned referencing can be carried ou. Here I am giving both reference gif files for Cmake and NDK.


Cmake Referencing:


I have given **Referencing_Done.gif**


 [javatoc++](#)

NDK Referencing:


I have given **No_Referencing.gif**

 [referencing](#)





Is there any setting or flag which I am missing. I have made a couple of searches on  [Stack overflow](#). I haven't found any documentation or any help on the internet. Why are we not allowed to do referencing between the Java and C/C++ codes?

 **No_Referencing.gif**

299 KB [View](#) [Download](#)

 **Referencing_Done.gif**

416 KB [View](#) [Download](#)

Reporter	 ma...@gmail.com
Type	Bug
Priority	P3
Severity	S3
Status	New
Access	Default access View
Assignee	--
Verifier	--
Collaborators	 _____ ^
CC	 _____ ^ ma...@gmail.com
AOSP ID	--
Blocking Release	--
Release Status	--
Found In	--
Targeted To	--
Verified In	--
In Prod	

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COMMENTS

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- 

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<pe...@google.com>

Dec 7, 2021 10:59AM

Status: New