

Android Public Tracker > App Development > Android Studio 37112694

Studio Build: 2.2 Preview 5 - JNI tracing/debugging stepping out/continue

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STATUS UPDATE

No update yet.

Edit

DESCRIPTION

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

Studio Build: 2.2 Preview 5

"Stepping over" of native/JNI function won't step out at return. I need to explicitly click on "Step out". I expect that any of the actions Step out/over/into will step out at return. While tracing a Java should be consistent across all languages.

Also in that case I need to click "Continue" twice to actually continue the debugging. I expect that once should be sufficient.

It is also annoying that the position of Continue button changes with context, so in that case it is replaced with Restart and Continue is moved downwards. That's pretty annoying. For debugging

Links (2)

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"For information of what's needed in the report please don't forget to read this guide at <https://developer.android.com/studio/report-bugs>"

"...uture, if you encounter this or any other issue, please read <https://developer.android.com/studio/report-bugs.html> and file a new bug report with all the required information. This will help ensure t

COMMENTS

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[#2](#)

Thanks for the feedback. We are sorry it took so long for us to get to this report. We would really appreciate it if you could confirm that this is still an issue for you and if so we will route it to

For information of what's needed in the report please don't forget to read this guide at <https://developer.android.com/studio/report-bugs>

an...@google.com

<an...@google.com>

[#3](#)

Status: Won't Fix (Not Reproducible)

Our team had requested additional information for this issue which was not provided within 30 days. Unfortunately there is not enough information for us to proceed and this issue is now clc

In the future, if you encounter this or any other issue, please read <https://developer.android.com/studio/report-bugs.html> and file a new bug report with all the required information. This will f

Thank you!

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[#4](#)

I created a sample project. It looks like in AS 4.1 it is possible to step in and out of a C++ (JNI) function but the experience isn't very smooth. For example if I reach a C++ `return` statement v

step out of the C++ function and return to the Kotlin call site. When I reach the `return` statement I need to click on "Step out" several times until the debugger exits the C++ function eventua

out" whenever I reach a `return` the debugger should just return to the Kotlin caller. And in general it would be great if the debugger is able to step over just in my code and skip the library co

 CppApp.zip

143 KB [Download](#)