

ndk.dir=/Users/[name]/Library/Android/sdk/ndk/21.0.6113669

 $sdk.dir=C\:\Users\\[name]\\AppData\\Local\\Android\\Sdk$

It all worked very smooth before without manually editing the project file (so I believe it will work again).

I could compile over the network from one machines AS environment and locally on the other machine AS environment, the same Android Studio project files without editing anything, before.

✓ Mentioned issues (1) ✓ Links (6)

Mentioned issues (1)

P2 After upgrading to Android Studio 3.5.3, cannot compile from usual network drive "https://issuetracker.google.com/148483368"

⇔ Links (6)

"https://stackoverflow.com/questions/60404457/android-no-version-of-ndk-matched-..."

"https://stackoverflow.com/questions/39159357/how-to-set-android-ndk-home-so-that-android-studio-do..."

"For more information on what's needed and how to obtain this information please read the guide at https://developer.android.com/studio/report-bugs#studio-bugs"

" ...e 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 the right team. For

"component: Android Public Tracker > App Development > Android Studio [https://issuetracker.google.com/components/192708]"

"https://developer.android.com/studio/projects/install-ndk#apply..."

COMMENTS

vi...@google.com <vi...@google.com><u>#2</u>

Thanks for the feedback. To help us troubleshoot this issue further, we will need more information. Please share detailed reproduction steps and as much as possible of the following information.

- 1. Android Studio version and OS type and version
- 2. Screenshots or videos of the issue
- 3. idea.log file (select Help > Show Log in Finder / Explorer)
- 4. Thread dumps if the issue is a freezing or non-responding UI.

For more information on what's needed and how to obtain this information please read the guide at https://developer.android.com/studio/report-bugs#studio-bugs

Message last modified on Apr 16, 2020 03:06PM

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

Thank you!

Yes, Still the emulator crash and none of my HW units crash by this described issue!

I think we all are a team together, the app-developers and them responsible for the OS and developing tools. I have been meet very professionally and in time. I see it as my duty (also in my in

During this communications a cleanup-simplification-make it easier to read effort I also checked every detail in the code. In fact there aren't much more code than in the referred tutorial, only *I have no other conclusion than when I reported it,

Jan Bergström

Jan Bergström S:t Eriksgatan 48 C 112 34 Stockholm, Sweden 070-755 94 94

janbm70@gmail.com [mailto:janbm70@gmail.com]

Den 2020-04-16 07:05:35 skrev buganizer-system@google.com <a href="mailt

https://issuetracker.google.com/issues/154044801 [https://issuetracker.google.com/issues/154044801]

Changed

vi...@google.com added comment #2 [https://issuetracker.google.com/issues/154044801#comment2]:

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

Reference Info: 154044801 Library folder location settings are in the project file, not in the AS local installation?

component: Android Public Tracker > App Development > Android Studio [https://issuetracker.google.com/components/192708]

status: New

reporter: janbm70@gmail.com cc: janbm70@gmail.com

type: Bug priority: P3 severity: S3

retention: Component default

Generated by Google IssueTracker notification system

You're receiving this email because you are subscribed to updates on Google IssueTracker <u>issue 154044801</u> [https://issuetracker.google.com/issues/154044801] where you have the roles: ru Unsubscribe from this issue. [https://issuetracker.google.com/issues/1540448012unsubscribe=true]

ja...@gmail.com <ja...@gmail.com>#4

I also believe but can't prove it, it did not exist a year ago (previous AS/emulator releases).

I made quality checks of the app when released a year ago and definitely (remember) printed landscape. Taking that code (that actually is at Google play) it crashes by the emulator. But the c *However it is not that common to print landscape, but for my app its is a useful feature and I have test files to test specifically that.

Jan Bergström

Jan Bergström S:t Eriksgatan 48 C 112 34 Stockholm, Sweden 070-755 94 94 janbm70@gmail.com [mailto:janbm70@gmail.com]

Den 2020-04-16 07:05:35 skrev <u>buganizer-system@google.com</u> < <u>buganizer-system@google.com</u> >: Replying to this email means your email address will be shared with the team that works on this product.

https://issuetracker.google.com/issues/154044801 [https://issuetracker.google.com/issues/154044801]

Changed

vi...@google.com added comment #2 [https://issuetracker.google.com/issues/154044801#comment2]:

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

Reference Info: 154044801 Library folder location settings are in the project file, not in the AS local installation?

 $component: \ Android \ Public \ Tracker > App \ Development > Android \ Studio \ [\underline{https://issuetracker.google.com/components/192708}]$

status: New

	reporter: janbm70@gmail.com cc: janbm70@gmail.com type: Bug priority: P3
	severity: S3 retention: Component default
	Generated by Google IssueTracker notification system
	You're receiving this email because you are subscribed to updates on Google IssueTracker <u>issue 154044801</u> [https://issuetracker.google.com/issues/154044801] where you have the roles: ru Unsubscribe from this issue. [https://issuetracker.google.com/issues/154044801?unsubscribe=true]
	ja@gmail.com <ja@gmail.com> #5</ja@gmail.com>
	Also not that if it is the same number of pages in the portrait and landscape printing there is no crash: * The issue is that when the changes of paper setup generates more pages it lose track of the number of pages. Jan Bergström
	Jan Bergström S:t Eriksgatan 48 C 112 34 Stockholm, Sweden 070-755 94 94 janbm70@gmail.com [mailto:janbm70@gmail.com]
	Den 2020-04-16 07:05:35 skrev buganizer-system@google.com : Replying to this email means your email address will be shared with the team that works on this product.
	https://issuetracker.google.com/issues/154044801 [https://issuetracker.google.com/issues/154044801]
	Changed
	vi@google.com added comment #2 [https://issuetracker.google.com/issues/154044801#comment2]:
	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
	Reference Info: 154044801 Library folder location settings are in the project file, not in the AS local installation? component: Android Public Tracker > App Development > Android Studio [https://issuetracker.google.com/components/192708] status: New reporter: janbm70@gmail.com cc: janbm70@gmail.com type: Bug priority: P3 severity: S3 retention: Component default
	Generated by Google IssueTracker notification system
	You're receiving this email because you are subscribed to updates on Google IssueTracker <u>issue 154044801</u> [https://issuetracker.google.com/issues/154044801] where you have the roles: rules unsubscribe from this issue. [https://issuetracker.google.com/issues/154044801?unsubscribe=true]
\	vi@google.com <vi@google.com></vi@google.com>
	Assigned to an@google.com.
)	ja@gmail.com <ja@gmail.com>#6</ja@gmail.com>
	It looks like a confusion of reported issues from me? - The issue here is the problem the library location path information is stored in the project files instead of in the installation - All the communication is about the issue of a bug reported in the prview of printing in Android, it is forwarded to the developers team
	I really would have the issue fixed: The issue here is the problem the library location path information is stored in the project files instead of in the installation - I want to have the source code stored in my Macintosh and be able to run it in the AS in the Mac as well from my Win10 over the network. - It is in my mind a mistake to have library information paths in project files, only what libraries and that should be matched in the AS installation where the libraries are stored
	Jan Bergström
	em@google.com <em@google.com> #7</em@google.com>
	Reassigned to em@google.com.
	Can you try adding an android. ndkVersion field to your build. gradle file, instead of using the deprecated ndk. dir?
	https://developer.android.com/studio/projects/install-ndk#apply-specific-version

ja...@gmail.com <ja...@gmail.com> #8

The only impact on the suggestion of setting NDK-version in the build.gradle is that AS knows what the default NDK library is if the SK is set in the file/Project settings dialogue.

- The AS (or Gradle) is editing the local settings (that should not be in the project but in the AS installation

Try the test bench below?

The basic problem is: (Don't work)

- Source code (including project settings) should runnable over network
- * Not possible because there are SDK and NDK and Java settings of the local AS library locations (file/project structure/Library setting), should be in the AS installation, not the project files.
- * Project files should only contain library version settings, AS installation should translate it to the file/project structure/Library setting
- * To have local library settings in a project file is nuts, a bad idea. Please think it over.
- * At least I should be able to open a project over the network and just run it from another computer. Then close it and run it from the master computer without any settings or error messages

Best is:

- If it is possible to open the same source file in one computer with Android Studio in that computer simultaneously with AS in another computer over the network, and compile simultaneousl
- * This requires local work file localtions, but is a phrasable solution

Try this:

- Use AS in a Mac, Open/install the bundled sample app "Hello JNI" in a folder that you share on the network
- Run it (You must make NDK local setting in the file/project structure menu dialoge to make it work)
- When that is OK, close the AS in the Mac
- Open the existing project over the network from a Win10 AS installation
- * Error message Sync Android SDK, complaints on the SDK library location setting (should be in AS installation and not in the project file), you must fix it in File/project structure menu, AS is a
- * I can't make it run (I can if I copy the project to the Win10 AS disk, but not over network (worked before, but slow)). Getting error message:

ERROR: X:\HelloJNI\app\src\main\cpp\CMakeLists.txt: C/C++ arm8Debug|arm64-v8a: CMake Error at C:/Users/Jan/AppData/Local/Android/Sdk/cmake/3.10.2.4988404/share/cmake-3.10
The C compiler

"C:/Users/Jan/AppData/Local/Android/Sdk/ndk/21.0.6113669/toolchains/llvm/prebuilt/windows-x86_64/bin/clang.exe"

is not able to compile a simple test program.

It fails with the following output:

Change Dir: X:/HelloJNI/app/.cxx/cmake/arm8Debug/arm64-v8a/CMakeFiles/CMakeTmp

 $Run\ Build\ Command: "C:\Users\Jan\AppData\Local\Android\Sdk\cmake\3.10.2.4988404\bin\ninja.exe"\ "cmTC_7743f" and "cmTC_7745f" and "cmTC_7745f" and "cmTC_77$

[1/2] Building C object CMakeFiles/cmTC_7743f.dir/testCCompiler.c.o

FAILED: CMakeFiles/cmTC_7743f.dir/testCCompiler.c.o

C:\Users\Jan\AppData\Local\Android\Sdk\ndk\21.0.6113669\toolchains\llvm\prebuilt\windows-x86_64\bin\clang.exe --target=aarch64-none-linux-android23 --gcc-toolchain=C:/Users/Ja DANDROID -fdata-sections -ffunction-sections -funwind-tables -fstack-protector-strong -no-canonical-prefixes -D_FORTIFY_SOURCE=2 -Wformat -Werror=format-security -fPIE -o CMakeFiles clang: error: no such file or directory: 'testCCompiler.c'

clang: error: no input files

ninja: build stopped: subcommand failed.

CMake will not be able to correctly generate this project.

Call Stack (most recent call first):

CMakeLists.txt

Affected Modules: app

em...@google.com <em...@google.com> #9

If you:

- 1. Remove the ndk. dir from your local. properties file
- 2. Instead:
 - Add ndkVersion = "<version>" to build. gradle => If you want to use a specific NDK version.
 - Do nothing => if you don't want to pin it to a specific version, and let Android Gradle Plugin pick the best version for you (consistently across the Mac/Win machines for the same A

Then,

• When you save your project on Mac and then open it on Windows, the only thing you should need to do is to hit the "OK" button on an "Sync Android SDKs" dialog.

Q: Could you please verify that you are seeing the dialog in the attached image, and hitting "OK" correctly modifies the SDK path in your local. properties file?

// I performed the above process on my Mac/Windows machines, and built on Windows without errors (although I did not use a network drive, but zipped-and-shipped the project from a Mac

About the is not able to compile a simple test program error:

We recently discovered a bug in the Clang compiler in NDK 21. It is being tracked here: 🖘 b/148483368.

Q: Could you please check if you can build over the network using NDK 20?



sdk_auto_detect_dialog.PNG

10 KB View Download

ja...@gmail.com <ja...@gmail.com>#10

The zip-scenario is no major problem, but I have to do more than you describe.

- The issue is over the network

- I already copy the files over the network and live with that at the moment, and that is the same as the zip-scenario.

For me the only problem I have if I COPY the project from my Mac to Win10 or the other way around (the same as zipping and copying) is that it I must make file/project structure setting of the but in In the Hello JNI it is not a case) setting is making any difference. The AS suggest the correct location (only one NDK version is installed). How you avoid it I wonder?

However the Grade (I assume) rewrites the local.properties file ndk.dir and sdk.dir in the local properties file regardless and the other machine dislike this writing. But I think that is only a det

Running over the network

But running it over the network is a completely different matter, I have to do all above and still it ended up with the error message above, I don't know what to do about. I even tried the file/inv

I am not stuck with this error, it is not an emergency but a big inconvenience.

I also do not think it is a Mac/Windows issue but a different path issue, however it is impossible to have the same path in a Mac and a Win10 due to the difference in path structures of the OS and ndkVersion "21.0.6113669" should be defined in the project settings. The AS should be able to read its settings to match where the libraries are. Any other solution is a bad quick and dirt

Also in Android Studio (menu if you close all projects), a project path should be possible to be set with a network path like //machine/path/path/... and AS don't, only drive paths.

Please try to make it work over the network with hello JNI and I think I can manage from there. (I don't think you can without changes, but if you do I am happy).

ja...@gmail.com <ja...@gmail.com> #11

Note that you have to assign the Mac shared folder a driver letter in Win10 or AS will not find it.

AS can handle machine names only drive paths so the Mac shared folder has to be something like X:\ in Windows.

You do it by right clicking This computer in Win Explorer and assign a network drive (I have a Swedish Windows but something like that in an English), then you can assign a drive letter to the

 $(However\ since\ a\ few\ years\ Windows\ accept\ both\ slashes\ and\ backslashes\ in\ paths.\)$

em...@google.com <em...@google.com><u>#12</u>

Can you try going to "Project Structure > Android NDK location" and delete the entry there? It should be empty. Then, Android Studio will not write ndk. dir into the local.properties file au

ja...@gmail.com <ja...@gmail.com> #13

Works leaving NDK library empty in the project.structure settings, but!

- Copying the entire project over the network (sam as zipping and moving) demands the file/invalidate cashes restart command, resync and run. Else it will not find the NDK
- Over network it can't execute the cmake, not even a total rebuild.

These aren't good enough, just getting a bunch of error messages aren't good enough, having to do radical commands is far worse, not performing even worse.

I think the issue is that the project settings include local environmental things, that should be taken care of the Android installation. (Should not be project files). EVen if the issues above are

I think somebody needs to think this over, politically and marketing acceptably.

I think this problem have appeared when different solutions have been used by AS in different versions and some are made not good enough in a hurry, and been kept.

My project is not even close to the testing here with the Hello JNI sample (that also need a cleanup because it asks for the NDK library first time opened and it shouldn't because AS should k

Already once I hade to make a new project for my app, because the Gradle stopped working because of this. I think I need to do it again. (But I do it when I replaced the deprecated ActionBar

I think one project stored in one computer should be possible to compile locally and at the same time over the network. There is no reason why it shouldn't work (if it does its right designed)

I think is that the AS configuration and the project configuration must be redesigned completely I believe.

I hope you do something?

0

AS Sync error.jpg

26 KB View Download

em...@google.com <em...@google.com>#14

Copying the entire project over the network (sam as zipping and moving) demands the file/invalidate cashes - restart command, resync and run. Else it will not find the NDK

Can you provide (1) a screenshot and (2) idea.log file for the case where you open your copied project on Windows, and after you hit the "OK" button on the "Sync Android SDKs" dialog, you go

Over network it can't execute the cmake, not even a total rebuild.

Can you try using NDK20 when building over the network? (i.e., NDK20 does not have that clang bug in NDK21)

ja...@gmail.com <ja...@gmail.com>#15

Hello!

Here are the files:

- By Dialog message (log file after pushing OK because AS UI is locked)
- After build failure

- Screenshot (1) build failed.jpg
 453 KB View Download
- idea (2) build failed.log
 8.9 MB View Download
- idea (2).log

8.9 MB View Download

Screenshot (1).jpg
324 KB View Download

ja...@gmail.com <ja...@gmail.com>#16

Well I did this:

- 1.) Copied Hello JNI NDK21 from the Mac (Was OK Build in the Mac before)
- 2.) Got the dialogue box
- 3.) Took the logfile after pushing OK (else AS is locked)
- 4.) Push run button, build failed
- 5.) Pushed Gradle sync, build success
- 6.) Installed and changed to NDK20
- 7.) Success after Gradle sync
- 8.) Copied the entire Hello JNI NDK20 project to the Mac
- 9.) Got the dialogue box, "Entry name 'lib/x86/lib/hello-jni.so' collided", had to push Gradle sync, to make it success
- 10.) Copied Hello JNI NDK20 from the Mac (Was OK Build in the Mac before)
- 11.) Got the dialogue box, had to push Gradle sync to make it success
- 12.) Compiled Hello JNI NDK20 over LAN, files in the Mac AS in Win10, got the dialogue box but else it just worked after pushing run button
- 13). Compiled Hello JNI NDK20 in the Mac with project in the Mac, Got the dialogue box, "Entry name 'lib/x86/lib/hello-jni.so' collided", had to push Gradle sync, to make it success
- 14) Compiled Hello JNI NDK20 over LAN, files in the Mac AS in Win10, got the dialogue box but else it just worked after pushing run button

With NDK20 it is far better, but I think it is still too much fuzz, copied or over the network it should compile without comment, and projects should not contain AS library paths, only library vers

Win10:

Android Studio 3.6.3

Build #AI-192.7142.36.36.6392135, built on April 14, 2020

Runtime version: 1.8.0_212-release-1586-b04 amd64

VM: OpenJDK 64-Bit Server VM by JetBrains s.r.o

Windows 10 10.0

GC: ParNew, ConcurrentMarkSweep

Memory: 1237M

Cores: 8

Registry: ide.new.welcome.screen.force=true

Non-Bundled Plugins: com.google.services.firebase

Mac:

Android Studio 3.6.3

Build #AI-192.7142.36.36.6392135, built on April 14, 2020

Runtime version: 1.8.0_212-release-1586-b4-5784211 x86_64

VM: OpenJDK 64-Bit Server VM by JetBrains s.r.o

macOS 10.15.4

GC: ParNew, ConcurrentMarkSweep

Memory: 2014M

Cores: 4

Registry: ide.new.welcome.screen.force=true

Non-Bundled Plugins: com.google.services.firebase

idea (2) NDK20 just copied from Mac Build after Gradlesync.log 9.1 MB View Download

Screenshot (1) NDK20 just copied from Mac Build after Gradlesync.jpg
395 KB View <u>Download</u>

Screenshot (1) NDK20 just copied from Mac Build error.jpg 276 KB <u>View Download</u>

idea (2) NDK20 just copied from Mac.log
9.1 MB View Download

Screenshot (1) NDK20 just copied from Mac.jpg
281 KB View Download

idea (2) NDK20 success (after Gradle sync).log
9.1 MB View Download

Screenshot (1) NDK20 success (after Gradle sync).jpg

423 KB <u>View</u> <u>Download</u>

Screenshot (1) build failed.jpg

453 KB View Download

idea (2) build failed.log
8.9 MB View Download

idea (2).log
8.9 MB View Download

Screenshot (1).jpg
324 KB <u>View</u> <u>Download</u>

I also believe the Mac is not making the user it (very slowly) is loading the Simulator, I believe it is lagging when it comes to messages to the user (that never appear in my Win10 computer A

My Mac is 4 core i5 Mac mini 2012 and my Windows is a 8 core i7 (Lenovo 81BV Seriell: PF19CCH8 BIOS: 6MCN28WW) much faster. However for instance MSVC runs well in both and AS C

To me Win10 is home (being rodding computers for customers (make their environments work) on freelance cases since 1984 to the mid 90ies and most of them had DOS and then Windows - I just not being correct aware of this situation, not being the perfect watcher. But I think I shall report it.

Win10:

Android Studio 3.6.3

Build #AI-192.7142.36.36.6392135, built on April 14, 2020

Runtime version: 1.8.0_212-release-1586-b04 amd64

VM: OpenJDK 64-Bit Server VM by JetBrains s.r.o

Windows 10 10.0

GC: ParNew, ConcurrentMarkSweep

Memory: 1237M

Cores: 8

Registry: ide.new.welcome.screen.force=true

Non-Bundled Plugins: com.google.services.firebase

Mac:

Android Studio 3.6.3

Build #AI-192.7142.36.36.6392135, built on April 14, 2020 Runtime version: 1.8.0_212-release-1586-b4-5784211 x86_64

VM: OpenJDK 64-Bit Server VM by JetBrains s.r.o

macOS 10.15.4

GC: ParNew, ConcurrentMarkSweep

Memory: 2014M

Cores: 4

Registry: ide.new.welcome.screen.force=true

Non-Bundled Plugins: com.google.services.firebase

ja...@gmail.com <ja...@gmail.com> #18

Another performance issue is my QNAP Qsynd installation. I Have one under my desk and copying every week to one at a friends basement.

There are no problems having it on with Microsoft Visual Studio Community 2019 or my Apple Xcode in my Mac regarding performance and having Qsyn on.

But AS is a hassel coming to the Qsync, it even complaints by text messages, and performance is dropping radically with Qsync on. It works but no fun, so I switch it off.

Yes there are huge volumes of build file volumes with the AS', by far more than with Microsoft Visual Studio Community 2019 or my Apple Xcode, and it it the design of AS. Yes, copying the p.

I don't think it is a bug, but I think I should mention it.

I think in development environments Qsync and similar from other vendors are a good idea.

- But development environments like AS and the suppliers of Qsync systems could try to cope better with each other?
- Can't you put up a dialogue with for instance Qnap and check what they say?

ja...@gmail.com <ja...@gmail.com>#19

NDK20 report on my app (Works better than Hello-JNI sample I used as test bench above)

- I trie according to your instructions:
- * ndkVersion "20.1.5948944" in the build.gradle
- * Blank NDK location in the file/project structure
- * Local.properties no ndk setting
- I get the SDK location dialogue box message, and after OK it works fine without any thing but the run button.
- 1.) Compile in the Mac (OK)
- 2.) Copying it to Windows compile in Windows (OK)
- 3.) Compile in Windows over network with Files in the Mac (OK)
- 4.) Compile in the Mac again (OK)

One can say that you solved my problem but:

- I am running the old version of NDK $\,$
- I get the SDK location error message
- I don't like the existence of the local.properties file (I don't want to se local file paths in a project file)
- I don't want to specify the SDK, NDK and Java versions in a project unless I wan't a specific version
- * Normally I want the latest (production version)
- * Right now I want to set SDK to 28 because I use Action bar and will change that after I released my iOS version in a few weeks.

But I am certain you have a solution in the pipe.

// I find backups a problem, there are a lot of Android build files to delete before zipping a project backup file. Could there be a feature clearing away everything not necessary to reduce proje bundle and I get it.

em...@google.com <em...@google.com> #20

I am running the old version of NDK

Please follow bug: 🖘 148483368 for about a new NDK that does not have the aforementioned clang bug, which will reenable you to use latest NDK. I will mark this bug as a duplicate of that

Will you inform me when a production version upgrade exist, where it works without fixes?
I have no problem accepting that the two issues are the same.
I am glad the bug is revealed
em@google.com <em@google.com><u>#22</u></em@google.com>
I added you to the cc list of the other bug (I hope that's OK) so that you will be notified about the updates posted there regarding the NDK21/clang issue. Thank you for your feedback.
ja@gmail.com <ja@gmail.com><u>#23</u></ja@gmail.com>
Mistake. Sorry we are mixing the issues.
I have another issue complaining about the JNI and compiling over LAN. That is the same as "Please follow bug:148483368 for about a new NDK t"
This is another topic, should stay as a separate issue.
ja@gmail.com <ja@gmail.com><u>#24</u></ja@gmail.com>
Well the "Please follow bug:148483368 for about a new NDK t" is a solution to a side-problem, it was impossible to compile over LAN with a specific NDL library release.
But the main issue is that there are local folder paths in the project setup, and shouldn't, only the release version settings like you instructed.
Either of the topics are not solved in the latest version of AS and its library functions.
em@google.com <em@google.com><u>#25</u></em@google.com>
Reassigned to je@google.com.
I'll redirect this particular bug to our Gradle team to comment on it.
je@google.com <je@google.com></je@google.com>
Reassigned to je@google.com.
is@google.com <is@google.com></is@google.com>
Status: New