Syncing Android Studio project with Gradle files

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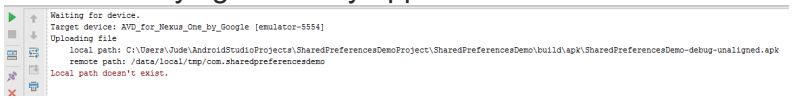
I was working on a project, and then I got a prompt to update Android Studio. After I did that, I started getting this error when trying to run my app



It says

> The project may need to be synced with Gradle files

How do I solve this?

android android-studio

edited Jun 8 '16 at 6:57

twlkyao

6,394 5 20 36

asked Nov 12 '13 at 15:11

ojonugwa ochalifu

16.7k 23 84 111

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Clicking the button 'Sync Project With Gradle Files' should do the trick:

```
Tools -> Android -> Sync Project with Gradle Files
```

If that fails, try running 'Rebuild project':

```
Build -> Rebuild Project
```

EDIT

Starting with Android Studio 3.1, you should go to:

```
File -> Sync Project with Gradle Files
```

edited Apr 20 '18 at 13:44

Mateus Gondim
2,709 4 20 43

answered Nov 12 '13 at 15:16

Jonathon Fry
2,279 3 18 28

Try running './gradlew clean packageDebug' from the project root. – Jonathon Fry Nov 12 '13 at 15:29

1 Perfect answer ...!!! – Najib Ahmed Puthawala May 26 '15 at 9:32

Updated to android stuido 2.0 and button is now disabled and solution above does not help – Vlado Pandžić Apr 18 '16 at 9:45

3 Unfortunately this option does not exist in Android Studio 2.2. – IgorGanapolsky Jun 14 '16 at 21:08

2 Starting with Android Studio 3.1, the menu path is `File -> Sync Project with Gradle Files` – Mateus Gondim Apr 6 '18 at 17:20

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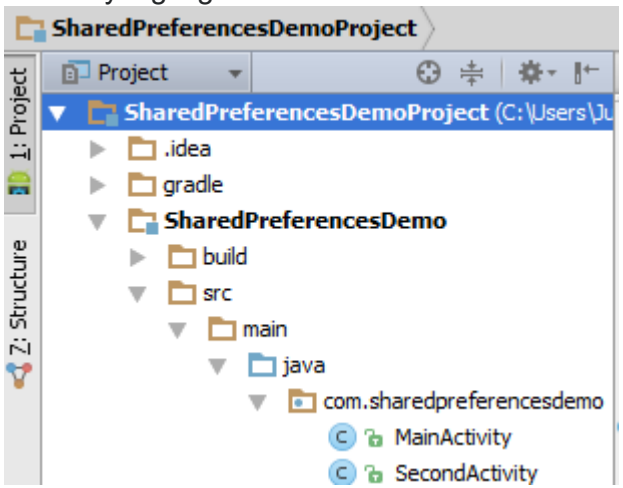
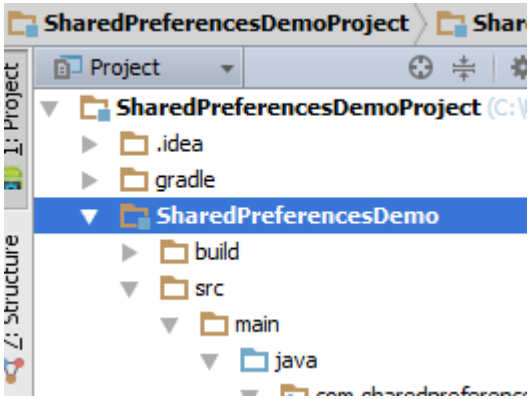
Old Answer

When trying to run the application, instead of selecting the directory highlighted here in blue



I selected the subdirectory instead



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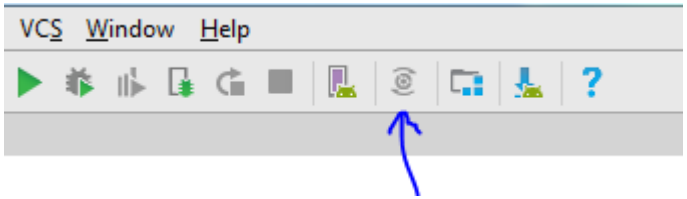
automatically created.

New Solution

The `Sync project with gradle files` button disappeared from Android Studio for a while.Its back and you can find it here:



hit the button and wait for the task to complete

edited Aug 18 '17 at 6:26

answered Nov 12 '13 at 15:44

ojonugwa ochalifu
16.7k 23 84 111

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I've had this problem after installing the genymotion (another android amulator) plugin. A closer inspection reveled that gradle needs SDK tools version 19.1.0 in order to run (I had 19.0.3 previously).

To fix it, I had to edit `build.gradle` and under `android` I changed to: `buildToolsVersion 19.1.0`

Then I had to rebuild again, and the error was gone.

answered Jun 14 '14 at 9:51

Shahar

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Keys combination:

```
Ctrl + F5
```

Syncs the project with Gradle files.

answered Mar 25 '16 at 8:27

Andrey
19.2k 8 98 80

-1

i had this problem yesterday. can you folow the local path in windows explorer?

```
(C:\users\..\AndroidStudioProjects\SharedPreferencesDemoPr
```

i had to manually create the 'apk' directory in '\build', then the problem was fixed

answered Nov 12 '13 at 15:19

patrick
176 1 2 14

I just created the 'apk' directory in my build directory.It doesn't work.What else did you do after creating this directory? – ojonugwa ochalifu Nov 12 '13 at 15:23

the second thing i did was searching for the SharedPreferences-debug-unaligned.apk and placing it manualy in the apk folder using windows search in startmenu. – patrick Nov 13 '13 at 7:41

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