How to Open a LAMW project in Android Studio

by jmpessoa

[In practice when I need improve/fix or create a new component I open my demo project in Android Studio to edit/fix the java code]

]

1) What you need:

Gradle 4.4.1 (or up)

LAMW Project targeting API 21 (or up)

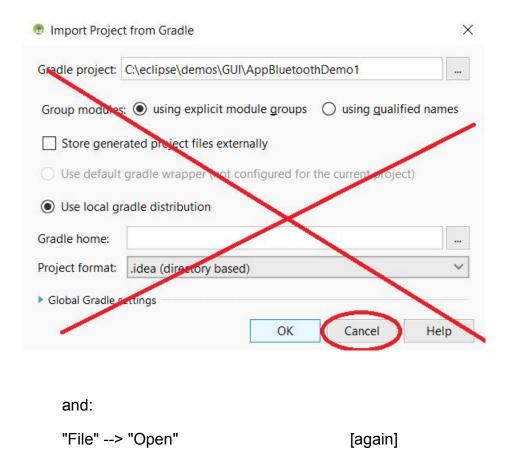
- 2) If need, edit LAMW project "AndroidManifest.xml" to Target API 21 (or up)
- 3) Lazarus IDE: open/create LAMW project (Target API 21 or up) and build the library *.so

"Run" --> "Build

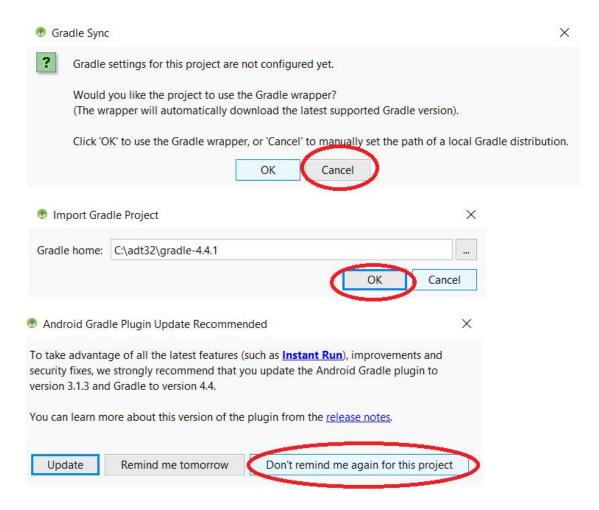
4) Android Studio IDE



4.1 If show up this dialog bellow, cancel it!



4.2 Follow these images as marked in red:



- 4.3 Wait for Android Studio project auto synchronization....
- 4.4 Connect your device by USB...
- 4.5 "Run" --> "MyAppDemo1"

5 HINT:

if at any time you change your pascal code then:

Lazarus IDE: "Run" --> "Build"

Android Studio IDE: "File" --> "Sync Project with Gradle File"

6 ERROR

Remember that AS don't like anymore the line, like this, in Manifest:

<uses-sdk android:minSdkVersion="14" android:targetSdkVersion="28"/>

So you will need drop this line!

And "Try Again" in Android Studio ...

See the pictures..

```
AppTestSupportProviderDemo4: sync failed at 9/13, 28s 122 ms

Starting Gradle Daemon

Starting Gradle Daemon

Starting Gradle Daemon

Starting Gradle Sync Issues: (1 error)

Gradle Sync Issues: (1 error)

Gradle Sync Issues: (1 error)

Gradle Sync Issues: (2 error)

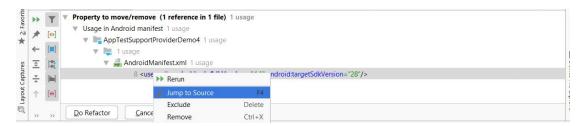
Affected Modules: AppTestSupportProviderDemo4

ERROR: The minSdk version should not be declared in the 2 candroid manifest file. You can move the version from the 2 candroid manifest to the defaultConfig in the build.gradle file.

Remove minSdkVersion and sync project

Affected Modules: AppTestSupportProviderDemo4
```

Double click the "blue" error message....



Rigth click the message below "AndroidManifest.xml" get the pop-up "Jump to Source"



Delete the line like this:

<uses-sdk android:minSdkVersion="14" android:targetSdkVersion="28"/>
save [ctrl+s] and "Try Again" [red circle]

[NOTE: LAMW will reintroduce it when you reopen the Lazarus project in another time...]