

## 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]

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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

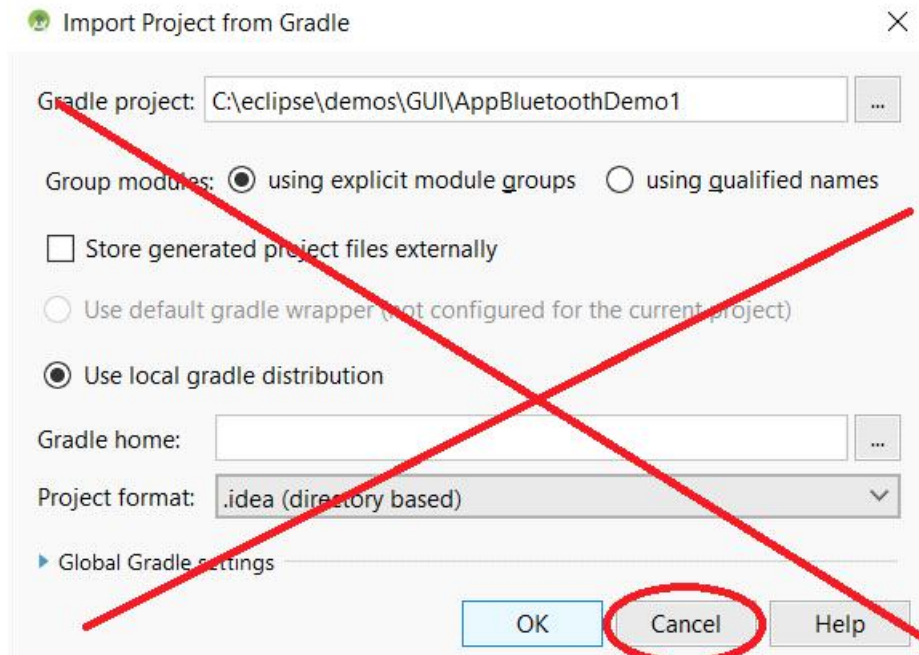
"Run" --> "Build"

4) Android Studio IDE

"File" --> "Open"



4.1 If show up this dialog bellow, cancel it!

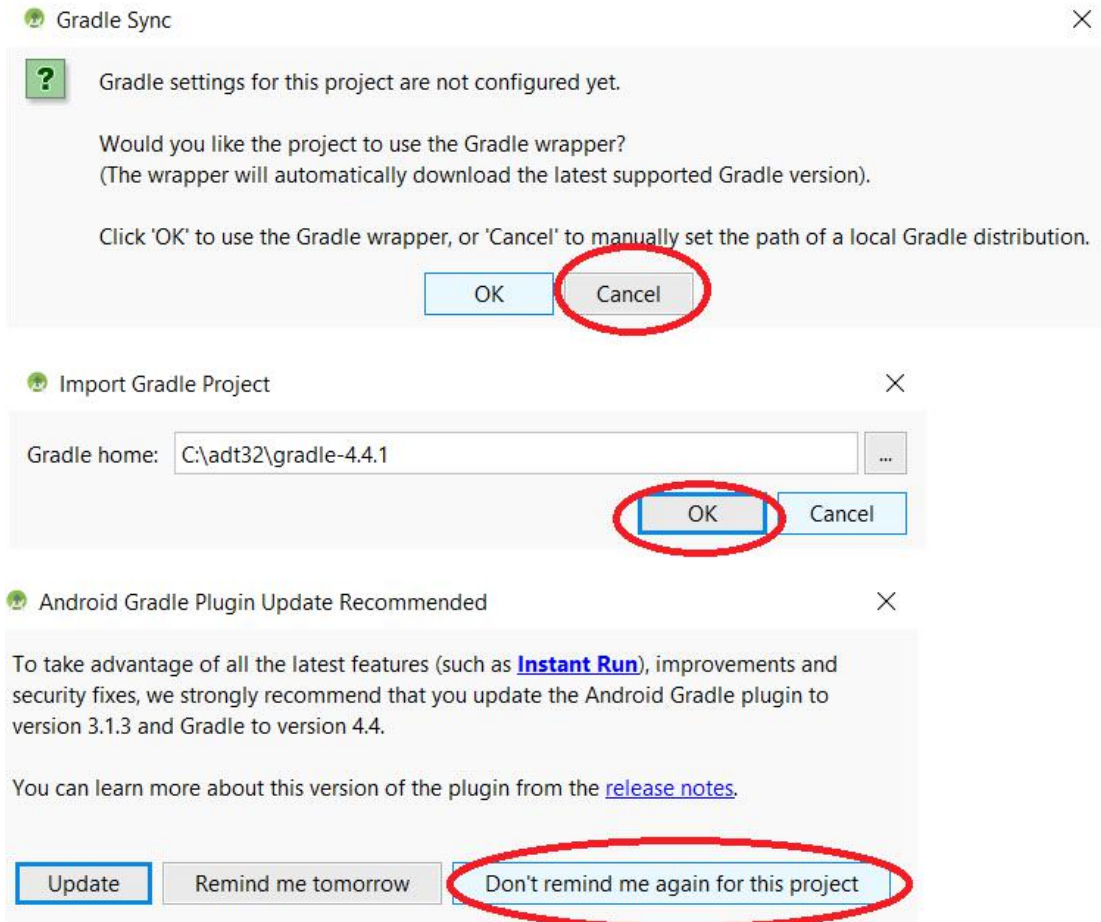


and:

"File" --> "Open"

[again]

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

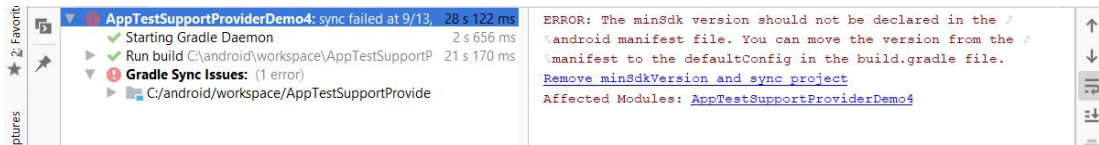
Remember that AS don't like anymore the line, like this, in Manifest:

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

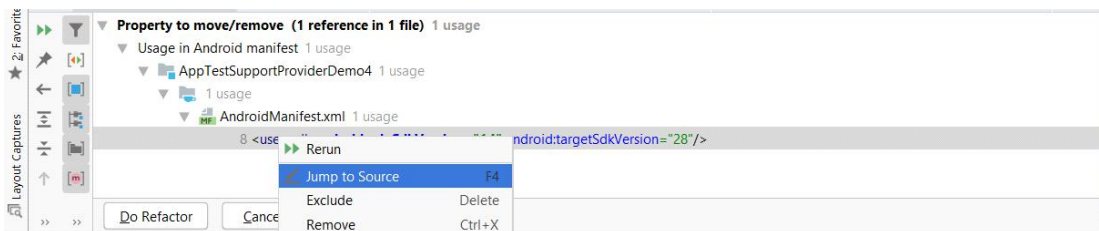
So you will need drop this line!

And "Try Again" in Android Studio ..

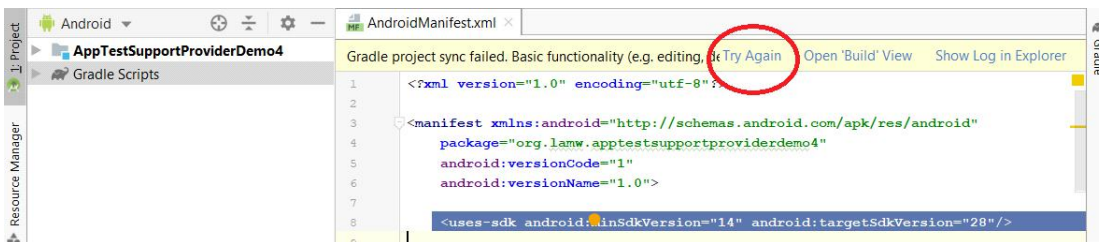
See the pictures..



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



Right 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...]

