Android Studio Rename Package

How do you rename packages in new IDE Android Studio, based on intelijj ?

Is there any automatic refactoring included?

I want to make bulk refactoring but I don't know how. I worked 2 years with eclipse and in eclipse it's one click operation.

android   android-studio

edited Sep 10 '15 at 10:17

Ed George
3,854   1   22   52

asked May 29 '13 at 1:24

ramzixp
3,976   3   9   19

> Please see my answer here. I have successfully managed to rename my project using the steps I have described. – Leigh Dec 1 '14 at 16:12
>
> possible duplicate of Change project name on Android Studio – Leigh Dec 2 '14 at 10:28
>
> Step by Step Process for Changing Package name... stackoverflow.com/a/46945668/6915572 – Shubham soni Oct 26 '17 at 4:16
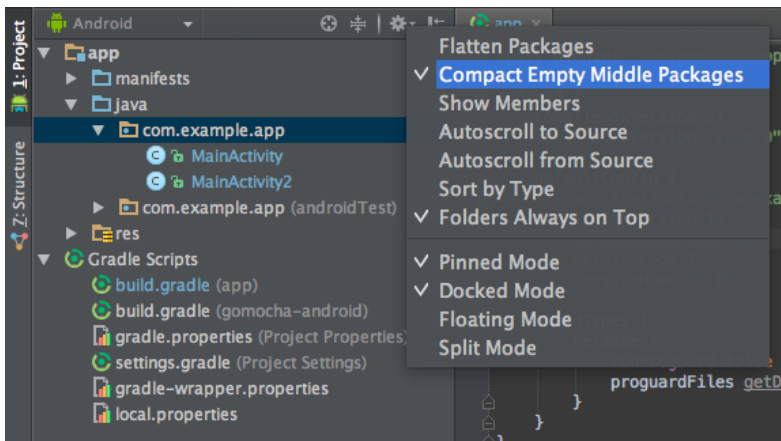
38 Answers

1   2   next
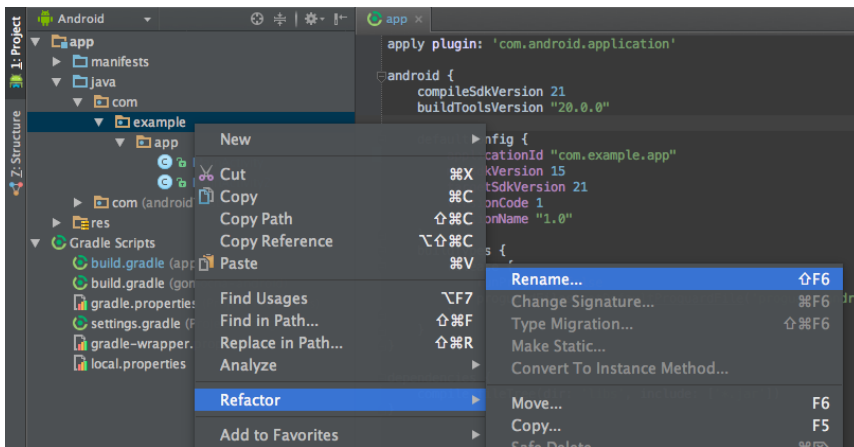
In Android Studio, you can do this:

For example, if you want to change `com.example.app` to `my.awesome.game` , then:

1. In your **Project pane**, click on the little gear icon (⚙▾)
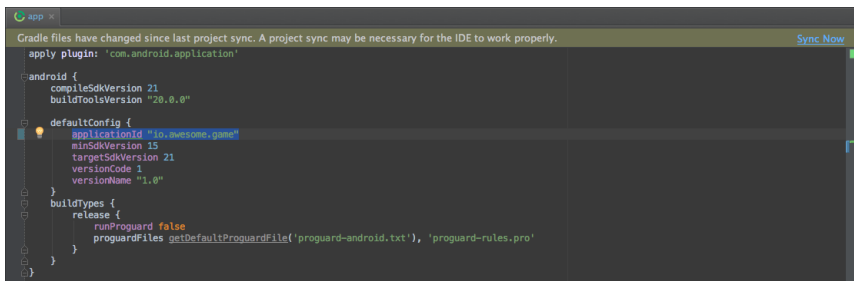2. Uncheck / De-select the `Compact Empty Middle Packages` option

3. Your package directory will now be broken up in individual directories
4. Individually select each directory you want to rename, and:
    - Right-click it
    - Select `Refactor`
    - Click on `Rename`
    - In the Pop-up dialog, click on `Rename Package` instead of Rename Directory
    - Enter the new name and hit **Refactor**
    - Click **Do Refactor** in the bottom
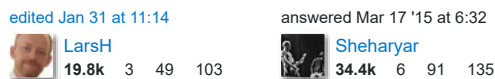   - Allow a minute to let Android Studio update all changes

- Note: When renaming `com` in Android Studio, it might give a warning. In such case, select **Rename All**

5. Now open your **Gradle Build File** (`build.gradle` - Usually `app` or `mobile`). Update the `applicationId` to your new Package Name and Sync Gradle, if it hasn't already been updated automatically:

6. You may need to change the `package=` attribute in your manifest.

7. Clean and Rebuild.

8. ***Done!*** Anyways, Android Studio needs to make this process a little simpler.

edited Jan 31 at 11:14   answered Mar 17 '15 at 6:32
  LarsH   Sheharyar
  19.8k 3   49   103   **34.4k** 6   91   135

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21   THANK YOU! So stupid that they have this set as the default. why collapse packages, so user unfriendly it makes me upset. – stevebot Mar 20 '15 at 21:41

15   Clean and rebuild. – Sheharyar Apr 11 '15 at 15:21

8   WARNING: if you select "Rename all" when renaming also "com" it will rename not only things into the selected module but into all modules into this project – ricky.tribbia Apr 17 '15 at 8:29

11   @Antonio drag the files in `com.example.test` to `com.example` and then delete `com.example.test` . – Richard Jul 28 '15 at 17:13

22   This procedure worked for me. I had to also change the AndroidManifest.xml to reflect the new name. For example -> package="my.awesome.game" > – nevzo Jul 31 '15 at 23:26

Another good method is: First create a new package with the desired name by right clicking on the java folder -> new -> package.

Then, select and drag all your classes to the new package. AndroidStudio will refactor the package name everywhere.

Finally, delete the old package.

Done.

One more thing very important

edited Jan 18 '16 at 10:26

Lavekush Agrawal
3,880   5   30   62

answered Sep 5 '13 at 12:57

user10F64D4
4,277   1   8   11

62   You may need to update your Android Manifest file to reference the new package if you use this method. Very simple step though, great solution. – Richard Apr 4 '14 at 2:38

10   You might have to restart Android studio to update the .idea/workspace.xml – Christoph Apr 17 '14 at 1:09

22   You also may need to change your build.gradle to reflect the new package – Samik Bandyopadhyay Aug 2 '14 at 13:59

30   good method but had to do 2 more things(other than updating manifest file) to make it completely work, firstly had to change/rename the R file imports in whole project and secondly appdebug was using old package name(visible in run window of studio) added applicationId "com.packagename" in app build.gradle defaultconfig .. – baboo Sep 11 '14 at 10:39

5   this is the exact opposite of a 'good' solution... – CCJ Nov 12 '14 at 21:46

Changing the **application ID** (which is now independent of the package name) can be done very easily in one step. You don't have to touch AndroidManifest. Instead do the following:

1. right click on the root folder of your project.
2. Click "Open Module Setting".
3. Go to the Flavours tab.
4. Change the applicationID to whatever package name you want. Press OK.

Note this will *not* change the package name. The decoupling of Package Name and Application ID is explained here: http://tools.android.com/tech-docs/new-build-system/applicationid-vs-packagename

edited Jan 31 at 11:32

LarsH
19.8k   3   49   103

answered Feb 5 '15 at 4:42

hwat
1,774   1   6   7

4   This only changes the name in gradle, and nowhere else. – Jacob R Mar 23 '15 at 18:47

3   This is one holy grail answer! Very Smart! – sud007 Jun 9 '15 at 7:13

3   This needs to be chosen as a correct answer since it is very simple and fast way to follow. – Sa Qada Jun 29 '15 at 8:21

5   This did not work for me – RunLoop Jul 10 '15 at 9:39

3   This needs to be accepted, other answer are lengthy and you can't change `com.example.sample` to `com.example` using other answers – Inder Kumar Rathore Oct 25 '15 at 17:14

Right-click on the package at the **Project Panel**.

Choose Refactor -> Rename from the context menu.

edited Oct 3 '15 at 21:34

Burak Tokak
948   11   19

answered May 29 '13 at 2:03

GreyBeardedGeek
18.1k   1   24   38

1   this worked great for me, also had to update the AndroidManifest file too. – physphil Apr 5 '14 at 17:50

08   Refactor > Rename only allows me to rename the last part of the package, e.g. the app in com.example.mypackage.app – GilliMonsta May 16 '14 at 18:08

1   I did this way but Now it says class not exist at launch time. How did you renamed it? – Dharmik Nov 12 '14 at 14:14

    I have used the "Refactor" main menu and click on "Rename". – Codebeat Apr 25 '15 at 18:49

    @GilliMonsta you can select your app folder in right side panel click settings and un-check Compact Empty Middle Packages – Taranmeet Nov 24 '15 at 8:11

The approach used by me for renaming the package name is simple as follows:-

Step 1 : Select the Project option from left menu of Android Studio