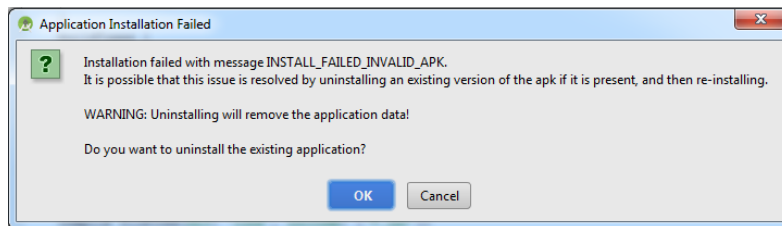


DELETE_FAILED_INTERNAL_ERROR Error while Installing APK

[Ask Question](#)

181

37



I am using **Android Studio 2.2** Preview. I am facing the issue

Failure: Install failed invalid apk

Error: While installing apk,

I have made changes in build.gradle but could not retrack it, please suggest me solution???



android



android-studio

build.gradle

edited Nov 27 '17 at 22:40



Donald Duck

4.132 13 42 63

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Ali Sher Kashif

1,000 2 7 12

uninstall existing version from device – [Zeeshan Khan](#) Aug 11 '16 at 9:23

Possible duplicate of [Application will not run on device: DELETE_FAILED_INTERNAL_ERROR?](#) – [L. Swifter](#) Aug 11 '16 at 9:27

Done, but could not successful. @ZeeshanKhan – [Ali Sher Kashif](#) Aug 11 '16 at 9:28

Please include adb log (Android monitor log) of the error that happens when you try to install. – [Vaiden](#) Aug 11 '16 at 9:32

are you trying in genymotion or any other such emulator. if yes try deleting the emulator and re creating the same – [Jovin](#) Mar 3 '17 at 13:03

32 Answers

1 2 next



Android studio mac/windows/linux:

246



Steps in together (mac): Android Studio > Preferences > Build, Execution, Deployment > Instant Run > Uncheck : Enable Instant Run

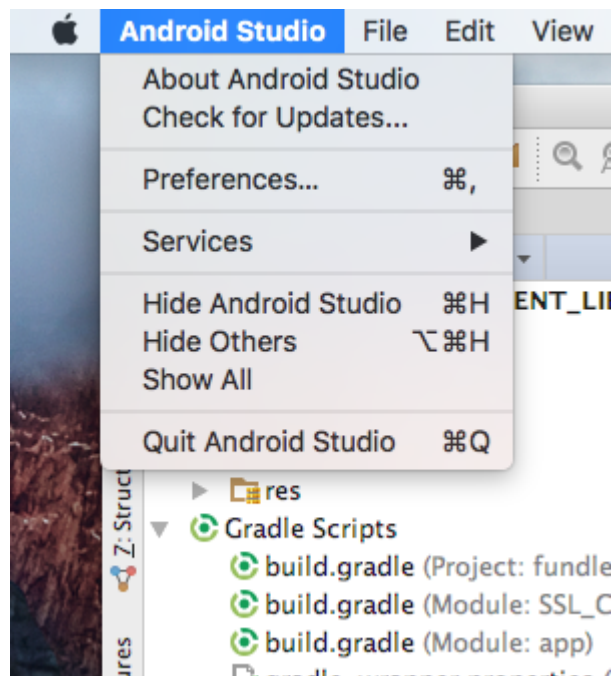


Steps in together (windows & linux): File > Settings > Build, Execution, Deployment > Instant Run > Uncheck : Enable Instant Run

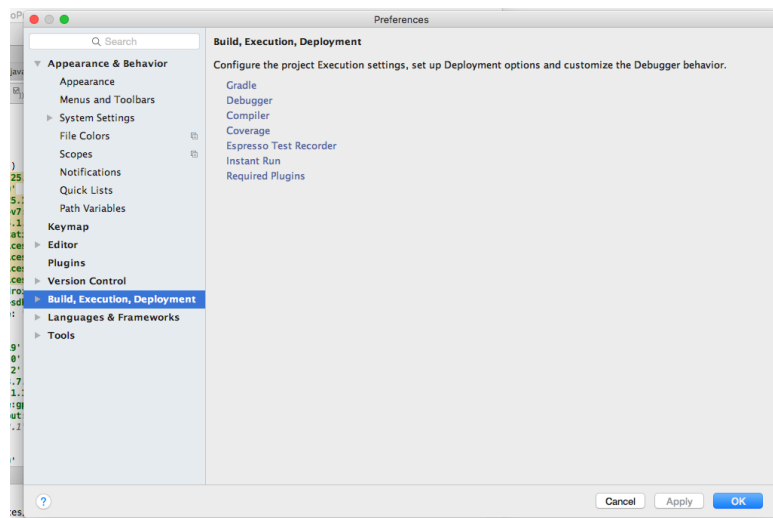
Steps in Detail :

Steps 1: Studio > Preferences (for windows & linux got to File > settings > Build, Execution, Deployment and then

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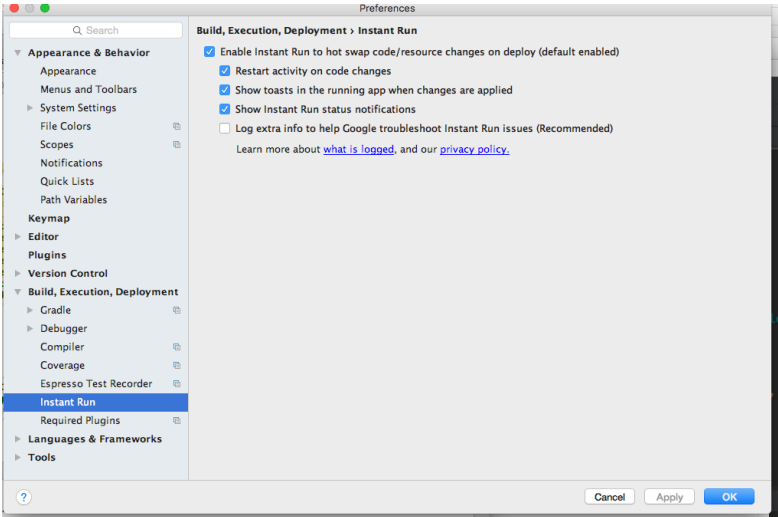


Steps 2: *Preferences > Build, Execution, Deployment*

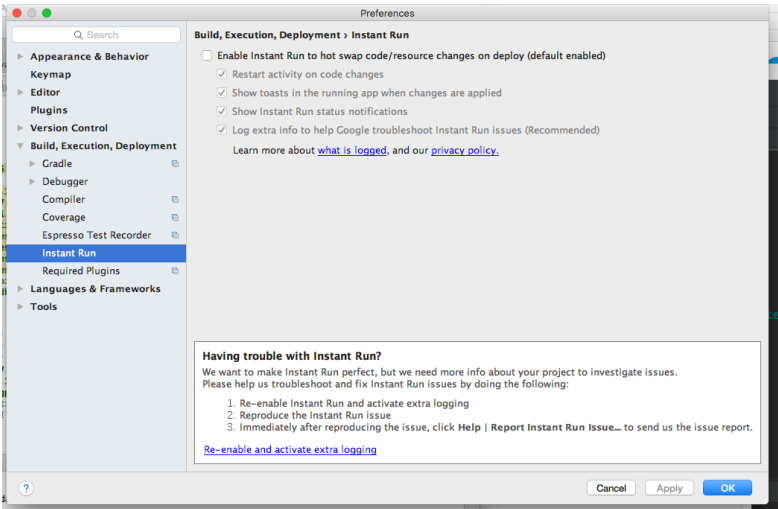


Steps 3: *Build, Execution, Deployment > Instant Run*

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Steps 4: *Instant Run > Uncheck : Enable Instant Run*



edited Apr 17 '18 at 11:46



Abdelilah El Aissaoui

1,272 10 31

answered May 2 '17 at 9:20

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- 6 Disabling instant run worked on Windows too, with Xiami Redmi 4 Pro – [hoci kto](#) May 27 '17 at 7:56
-
- Confirmed working on macOS Sierra 10.12.4 with Android Studio 2.3.3 – [Greg Hilston](#) Jun 13 '17 at 12:54
-
- Also works in windows – [Ruwanka Madhushan](#) Jul 16 '17 at 5:55
-
- this worked to me, windows 10. thank you – [Hokutosei](#) Jul 21 '17 at 1:43
-
- 13 Can someone explain why this works, if one does uncheck instant run – [utdev](#) Jul 24 '17 at 15:04
-



In Android Studio 2.3

255

Disable Instant Run



Settings>Build, Execution, Deployment>Instant Run

[Source: comment by @Shubham A.](#)

Edit: To Disable Instant run

In Windows:

1. Open Find Action: Control + Shift + A .
2. Search `instant run` and open `instant run` under `settings` .
3. Uncheck `Enable instant run...`

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Q&A for work

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1. Open Find Action: Command + Shift + A .
2. Search `instant run` and open `instant run` under `settings` .
3. Uncheck `Enable instant run...`

edited Apr 6 '18 at 14:18

answered Mar 3 '17 at 13:33

[amit77309](#)

4,031 3 12 20

- 2 I had the same problem and I was getting the same error, even if the application doesn't exists in emulator (brand new emulator). Disabling Instant Run resolved in Android Studio 2.3. Thumbs up for you! – [shimatai](#) Mar 9 '17 at 1:20
- 2 what if you want to use Instant Run? – [SpyZip](#) Mar 10 '17 at 9:26
- 1 restarting the emulator made it work for me after disabling. – [Vihaan Verma](#) Mar 10 '17 at 14:55
- yep.. It's working Thank you.. – [Shylendra Madda](#) Mar 11 '17 at 5:58
- 1 Disabling the instant run worked for me as well, much appreciated! – [Anupam Saini](#) Mar 25 '17 at 10:06



37

This worked for my xiaomi redmii note 4 after allowing developer options and allowing USB debugging go to settings-> developer options-> uncheck Turn on MIUI optimization Restart your device and now install the app.

answered Jun 28 '17 at 13:50



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-
- 1 This worked well. :) – [Anil Chahal](#) Jul 3 '17 at 5:36
-
- 3 Great! Thank you! – [Bakyt](#) Jul 24 '17 at 6:49
-
- I have same device, but this didn't work for me. – [Riz](#) Oct 18 '17 at 3:51
-
- 1 not worked for me. Redmi 4 – [brijesh kumar](#) Oct 19 '17 at 18:08
-
- 2 Also if doesn't work try Enable Install Via USB – [rdj7](#) Apr 9 '18 at 17:53
-



For Android Studio on Mac :

21

Navigation Bar :



Android Studio > Preferences > Build, Execution, Deployment > Instant Run > Uncheck : Enable Instant Run

For Android Studio on Windows :

File > Settings > Build, Execution, Deployment > Instant Run > Uncheck : Enable Instant Run

[edited Apr 3 '17 at 11:57](#)

answered Mar 30 '17 at 4:09



[Omkar Jadhav](#)

407 3 11 36

Disabling instant run works. Seems a big issue with instant run feature. – [Irfan Raza](#) Apr 26 '17 at 20:59

Yes worked fine. Huge bug with Studio ! Thanks – [akash89](#) Oct 23 '17 at 9:36

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19

[[enter image description here]][1]][1]Disable Instant Ru

Goto

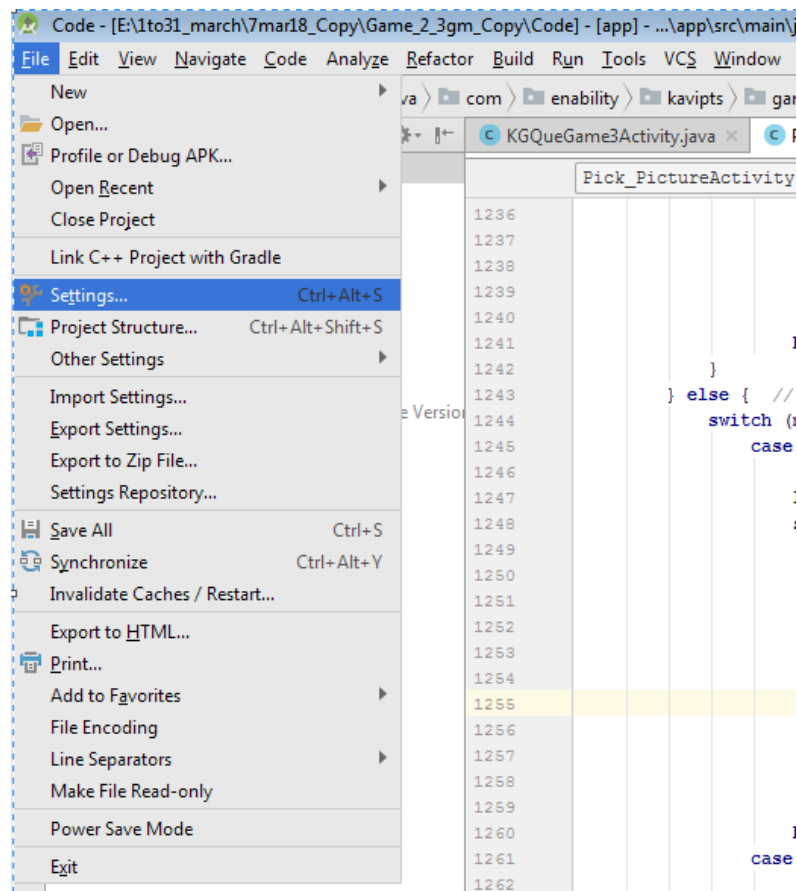
1. **File** -> setting(or CLRT+ALT+S)
2. **Build, Execution, Deployment** -> **Instant Run**
3. **Disable Instant Run**

Run code snippet

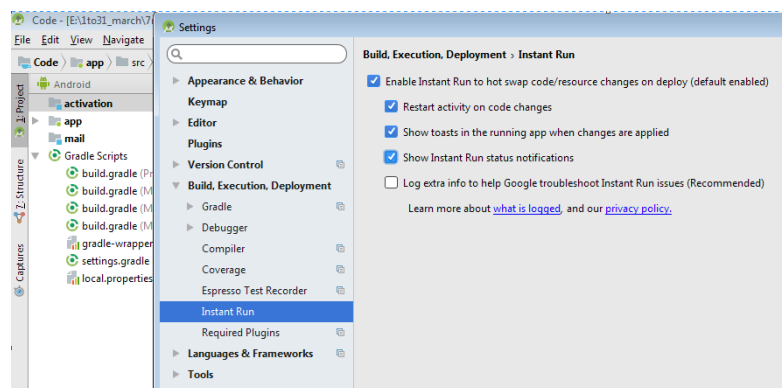
[Expand snippet](#)

step by step (windows)

step 1 : Go to file -> settings

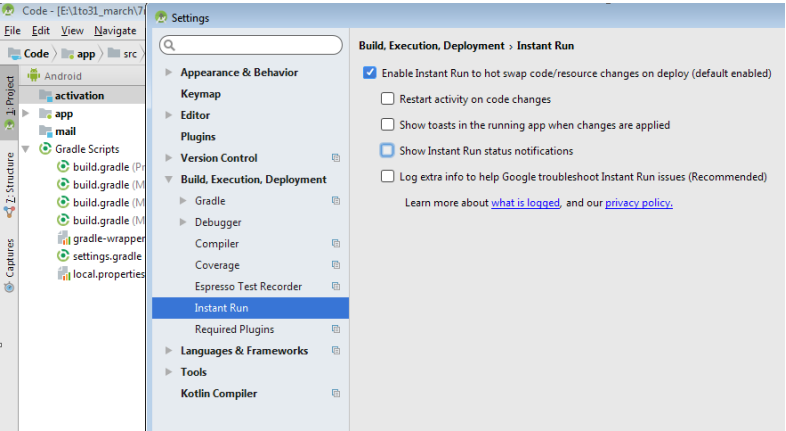


step 2 : Build, Execution, Deployment -> Instant Run

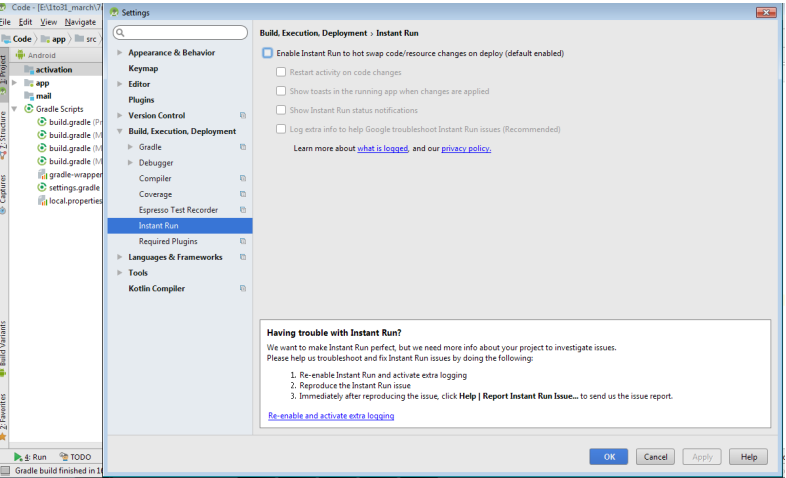


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step 3 : disable the instant values



step 4 : finally disable the Instant Run



edited Mar 7 '18 at 10:34



Agilanbu

1,312 14 20

answered Sep 9 '17 at 15:42



Vilas Joshi

309 2 4

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For Xiaomi mobile

13

1. **Setting** => **About** phone => tap 7 times on MIUI version



2. **Setting** => **Developer** options => **Developer** options (ON)

=> USB **Debugging** (ON)

=> **Install** via USB(ON)

Install via USB

if

enable to ON then

Disable WiFi and switch install via USB on while you are connected through mobile data and under your xiaomi account. It works!

edited Aug 8 '17 at 11:55

answered Aug 8 '17 at 11:25



[pruthwiraj.kadam](#)

219 2 7



Go to

9

File->settings->Buil,Execution,Deployment->Instant Run->Disable it.

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answered Apr 25 '17 at 4:10



Jay

387 5 8

Why do you think that the Instant Run is the problem? – [yakobom](#) Apr 25 '17 at 4:30

This worked for me. Thanks ! – [vanurag](#) May 4 '17 at 7:22

@yakobom Refer this link :-

developer.android.com/studio/run/index.html#instant-run ,
most of us don't have gradle configured for instant run so it
shows the error. It is better to turn off the instant run and
Instant Run requires API 21 or higher. – [Jay](#) Apr 17 '18 at 8:19



8

I encountered a similar problem, I moved the project
directory, resulting in installation failure, my solution is as
follows: Build->ReBuild



answered Mar 19 '17 at 4:24



叶为正

81 1 2



7

Oh my goodness, after a long time I have resolved the
issue by changing the ApplicationID:
"com.company.2016app" to "**com.company.app**" in
build.gradle. It resolved all my issues. Now its working
great.



answered Aug 11 '16 at 9:56



Ali Sher Kashif

1,000 2 7 12

▲ In my case clean project and rebuild works, no need to
7 ▼ disable instant run and restart.

answered Apr 9 '17 at 8:58



H4SN

660 3 17 37

▲ In lollipop and above versions Android introduced multiple
5 ▼ users, When you delete an app it still exists in device.
Please make sure your app is deleted from all users and
then reinstall it.

You can check by going to Settings->Apps->All and check
your app in the list, On selecting your app tap on more
button in actionbar and select uninstall for all users.

answered Aug 11 '16 at 9:41

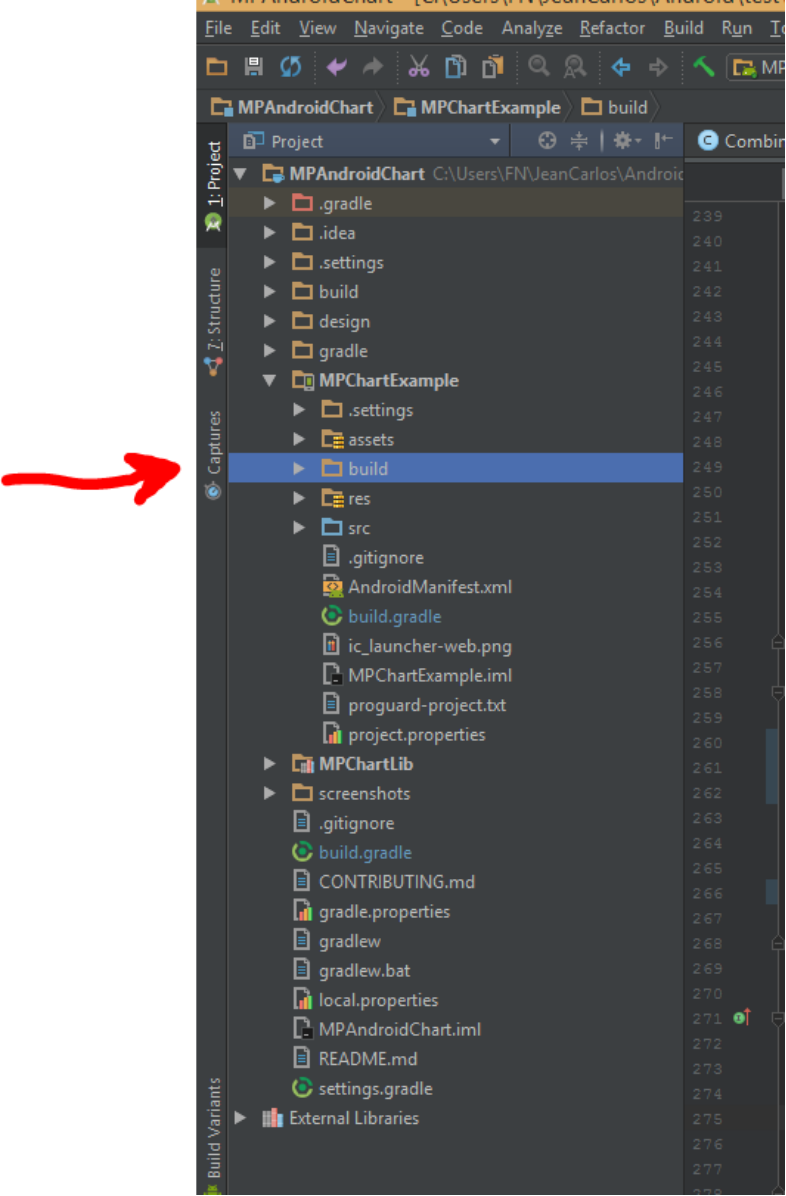


Abdul Rehman

1,343 1 8 12

▲ I also had the same problem, I tried the solution to disable
5 ▼ the instant run, but you can not use the instant run, which
for me is harmful, because it is an extremely useful tool.

▼ I found another solution, which is to delete the "build"
folder and re-run the project, and the error disappears, the
app is executed and I can use the instant run.



edited Jul 4 '17 at 5:17



Jon

5,043 5 32 51

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Jean Carlos Ramos
Cruz

61 1 4

1 Deleting the build directory did the trick for me. Thanks! –
[Raslanove](#) Aug 14 '17 at 12:51

this effective solution, and also made me make use of the
instant run and not to lose it – [AAEM](#) Apr 11 at 18:10



Below solution worked for my Xiaomi mobile phone:

5



Go to Settings -> Additional settings -> Developer options
and check **Install via USB**, if toast **The device is
temporarily restricted** shown, please turn your WI-FI off,
turn on mobile data. Then try it again.

If A.S. Instance Run is still not work when you finished all
steps above, perhaps you turned on MIUI optimization,
please follow below step and try again:

Settings -> Additional settings -> Developer options and
uncheck **Turn on MIUI optimization**

[edited Nov 6 '17 at 10:35](#)

answered Oct 25 '17 at 9:12



licaomeng

161 2 13



Android Install on Device Failure
[INSTALL_CANCELED_BY_USER] **Redmi Note 3

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Go to Settings -> Additional Settings -> Privacy: Check the Unknown Sources option.

Go to Settings -> Additional Settings -> Developer options: Check the Install via USB option.

Go to Settings -> Additional Settings -> Developer options: Enable view attribute inspection

Finally Go to Settings -> Additional Settings -> Developer options: Turn off MIUI optimization.

NOTE - Signin in to MI account is required to enable Install via USB option.

Ref: <http://en.miui.com/thread-410773-1-1.html>

answered Nov 9 '17 at 10:46



Vivek

123 1 3 9



Different solutions for the same problem:

3

1. uncheck the Instant Run



Settings > Build, Execution, Deployment > Instant Run.

2. Restart Android Studio

Click on File> invalidate Caches/Restart, then click on **Invalidate and Restart** button from the pop up window.

3. Check Device's memory

Sometimes your device don't have enough space to install

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4. Check manifest for Activities Declaration

Make sure that your manifest.java have declared all of the used activities properly.

Hope it would help :)

answered Nov 2 '17 at 12:05



yahme3

166 11



2

Try this: Go to File> invalidate Caches/Restart then click on Invalidate and Restart button from the pop up. Now, try running your project.



answered Mar 16 '17 at 3:59



Roger Amanna

111 1 7



2

You need rebuild the project

If using Android Studio 2.3:



Build -> Rebuild Project

Even if after that your app start with a error just rebuild the project again:

Build -> Rebuild Project

answered Mar 19 '17 at 21:42



111 1 7

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If your device is a Xiaomi the answer is:

2



Go to settings > installed apps > on the top choose "ALL" > go to the bottom find "Documents" app (its in bottom because disabled) > **enable** it with pressing enable on the bottom screen...

edit: I was used Android Studio 2.3 at the time

edited May 3 '17 at 8:33

answered Mar 6 '17 at 10:13



Tomás Rodrigues

418 2 14

3 My device is Xiaomi but this doesn't solve the problem. – Subkhan Sarif Mar 7 '17 at 8:59

2 damm, it solved for me on Android 2.3 try to disable Instant run. – Tomás Rodrigues Mar 8 '17 at 10:02 ✎

1 Redmi note 4 does not solve – Amir May 2 '17 at 9:11

this solved for me, just wanted to share. – Tomás Rodrigues Oct 17 '17 at 13:54 ✎



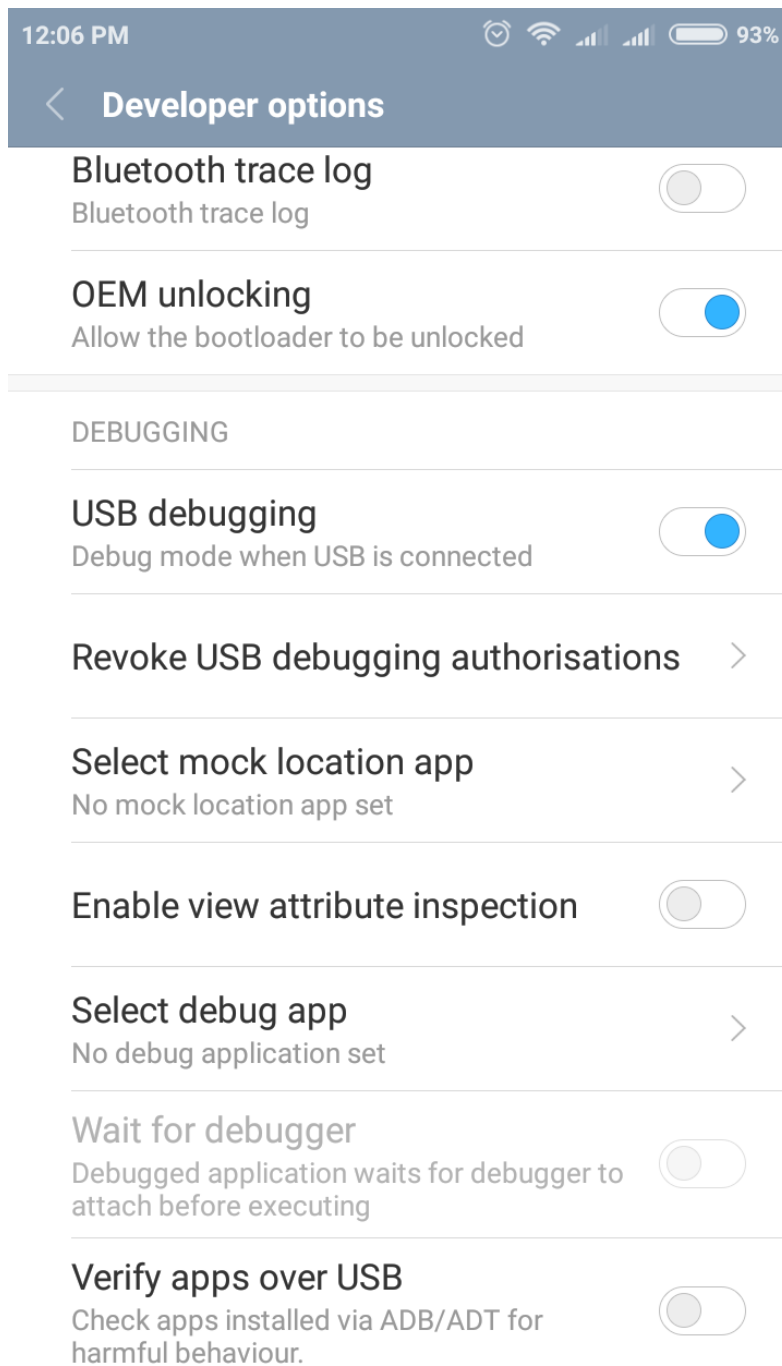
If your device is a Xiaomi

2



1. Enable OEM unlocking
2. Disable Verify apps over USB

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**Dita Aji Pratama****350** 5 18

Xiaomi Redmi 4 Pro - did not work – [hoci kto](#) May 27 '17 at 7:53

- 2 for me, with a Xiaomi Redmi note 4X the option I needed to enable to fix the issue was "Install via USB" – [Vasili Fedotov](#) Jul 10 '17 at 15:47

see this: stackoverflow.com/a/46902807/2447726 – [Guy West](#) Oct 21 '18 at 6:37



In Device Developer option

2

Check Install Via USB is ON compulsory.



answered Jun 27 '17 at 12:02

**Pinak Gauswami****478** 4 7

repeating in away another answer – [yass](#) Jun 27 '17 at 12:30



I had same problem in my xiaomi note 4a device. I solved it by turning off MIUI optimization.

2

edited Aug 29 '17 at 9:18

**Yvette Colomb** ♦**20.4k** 15 71 114

answered Aug 29 '17 at 6:03

**Ganesh Giri****315** 1 5

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If Emulator is opened, please close it.

1

And Restart the android studio.It worked for me.



Give a try.

answered Aug 1 '17 at 10:44



[Heman hijack](#)

34 1 6



Before you run any android app on a phone for **the first time**, make sure that you don't forget to set the **Install via USB** option. Otherwise the above error will be reported.

1



answered Jun 23 '18 at 18:32



[Anish Kelkar](#)

36 4



I just updated minSdkVersion to 17 and sync. And then I solved that problem.

1

in the build.gradle(Module:app), Change like below.



```
defaultConfig {  
    ...  
    minSdkVersion 17  
    ...  
}
```

answered Nov 17 '18 at 10:47



[c-an](#)

583 5 26

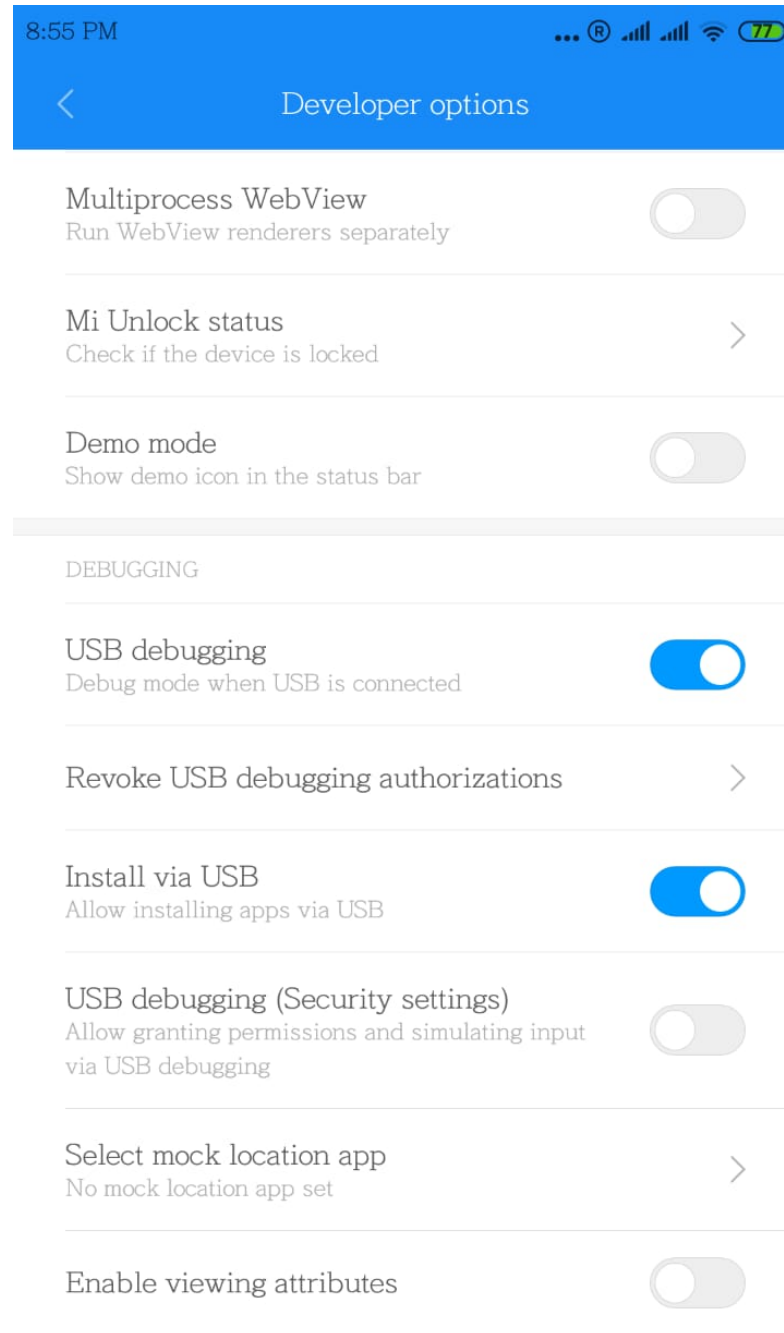


I also faced same problem. If you want install your application using USB. You have to check the (Install Via USB option in Redmi note4). Hope this will be helpful to

1



someone.



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answered Feb 23 at 13:02



GIRI KUMAR PANEM

59 2



When i try create another package under the Java folder this error will happen

0



But When i moved this special package under the main package of my project , everything will be ok .

I'm testing on real android device .(Sumsung J2)

answered Dec 21 '16 at 16:13



SAM NZD

759 1 13 30



I have solved this issue by:

0



1. go to sdk folder/platform-tools by cmd ,type adb shell
2. delete all the .apk files of your project from ../output-folder
3. restart your emulator
4. run your project.

answered Jan 31 '17 at 5:02



Peter

165 2 10



This error comes with **Android Studio lower than 2.4** when you try to enable **Java 8 features** in gradle settings following the [instruction](#) Error can be reproduced in a new

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A higher version is needed, or a [preview one](#).

answered Apr 25 '17 at 10:50



Zon

6,305 4 46 59



Solution for my specific case:

0



Maybe it has happened because you have installed your apk first by the Google Play (my apk was running OK until I found an error) and then trying to reinstall it from your Android Studio (in order to figure it out), I have a solution:

Go to your phone/tablet. Settings -> Backup & Reset -> **Disable Automatic Restore**

I hope it works :)

answered Jun 21 '17 at 16:29



Alberto Crespo

1,142 5 14 37



Even after following all the suggestions, if it shows error then check your buildType in Gradle.

0



Make sure signingConfig signingConfigs.config is in **release scope, not in debug**.

edited Jul 8 '17 at 16:25



Prashant_M

1,343 19 19

answered Jul 7 '17 at 19:43

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1

2

[next](#)

protected by [Community](#) ♦ Jan 17 '18 at 23:23

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Would you like to answer one of these [unanswered questions](#) instead?