(Android Studio) How to debug through my code only?

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When I try to debug through my code in Android (using Step Into, F7 command), the debugger takes me through all system classes, which I do not want.

For example, when I place a breakpoint at the 2nd line below (i.e. "startActivity(ourIntent);"), instead of going into my Activity (i.e. "myclass), the execution point goes into Activity.java > Instrumentation.java, etc... all system classes.
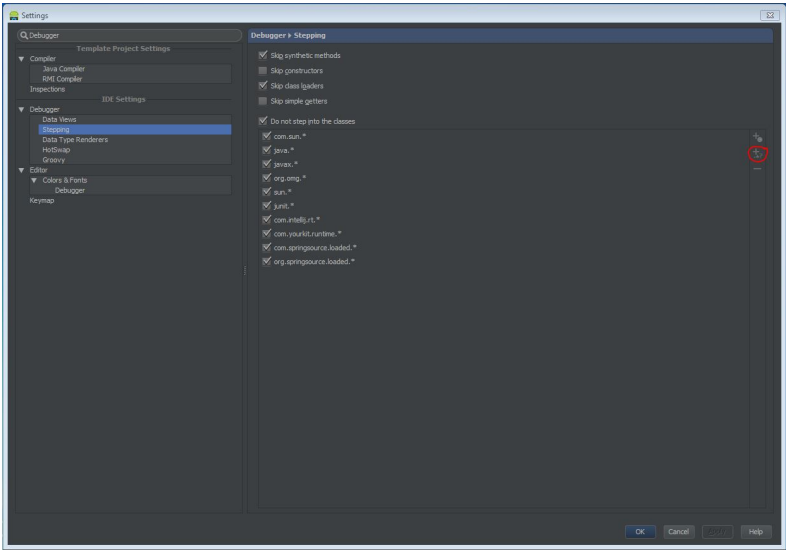
I dont want that. I only want to step through my code that I have written.

What is a way to achieve this?

```
    Intent ourIntent = new Intent(MainActivity.this,
"com.practice.gamesbook.myclass");
    startActivity(ourIntent);
```

"Add new Pattern" option under "Debugger" > "Stepping" is disabled

java   debugging   android-studio   step-into

edited Oct 24 '13 at 23:51

Dịch

asked Oct 21 '13 at 4:15

user1406716
4,217   14   80   131

7 Answers

Go to `Android Studio` > `Preferences` > `Debugger` > `Stepping`
then in the bottom click the plus arrow with the question
mark that says `Add Pattern`. Type `android.*` and hit OK
and then Apply.

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answered Oct 24 '13 at 18:32

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1   @user1406716 I've found that sometimes when using the search feature within Settings (in your example above, you've typed "Debugger") that some options in the pane on the right are disabled. Clear the filter search ("debugger" text), manually navigate Debugger->Stepping, then try. The read-only status of the controls should clear. – CJBS Sep 9 '14 at 17:10

5   With pattern, android.* you might also include com.android.* – Muhammad Oct 13 '14 at 8:16

6   where is that "Android Studio > Preferences" option? I see "File, Edit, View, Navigate, Code, Analyze, Refactor, Build, Run, Tools, VCS, Window, Help" – barlop Feb 16 '15 at 0:12

2   In AS 2.0 debug options are under Preferences > Build, Execution, Deployment > Stepping – lm2a Dec 8 '15 at 12:05

2   @barlop File > Settings > Build, Execution, Deployment > Debugger > Stepping – Sudip Bhandari Dec 13 '16 at 13:23

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In Android Studio 2.0 select File > Settings > Build, Execution, Deployment > Debugger > Stepping. Then click the "Add Pattern" [+] button on the right. Type android.* (or whatever pattern you want to exclude) and click "OK" twice.

answered Dec 26 '15 at 17:04

Silver Sagely
314   4   8

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In addition to Adam Johns's answer for ignoring the Android libraries, you can use the "Step Over" button (F8) to step over a method call the details of which you're not interested in, such as from any other library you import.

Alex
1,081 13 12

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Use f9 (Resume Program). This will Resume your Program and stop only to the next Break Point.

answered Dec 4 '15 at 5:39

Sahil Sharma
62 4

1 band aid solution when Android Studio needs a critical surgery.
  – Neon Warge Jul 4 '16 at 6:42

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In Android 2.3.1 Go to **Android Studio > Preferences > Debugger > Stepping** then in the bottom click the plus arrow icon which has dot,star and question mark which is Add Pattern. Type android.* and com.android.* and click OK and Apply.

answered Apr 9 '17 at 11:23

ostin
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Shift-F11 to step out of the method helps too.

answered Feb 3 '16 at 3:13

Tim Glenn
156 1 5

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1 Android Studio 3.x.x

Android Studio > File > Settings >
Build,Execution,Deployment > Debugger > Stepping

2. Step Over(F8)

answered Apr 28 '18 at 8:38

Alen Lee
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