

## How skip line in IntelliJ idea debug?

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▲ Suppose I have java code like this (only as Example):

26 

```
public void someMethod(){  
    int a = 3;  
    int b = 2; // <-- stay debug here  
    a = b + 2;  
    System.out.println(a);  
}
```



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It is possible to skip execution of line "int a = b+2;" and go immediately to "System.out.println(a);"?

P.S. I use IntelliJ Idea 12.

[java](#)[debugging](#)[intellij-idea](#)

edited Jul 4 '13 at 5:38

[StKiller](#)

5,248 8 35 55

asked Jul 4 '13 at 5:27

[Cherry](#)

9,846 25 98 185

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" int a = b+2; " Can this compile? – [johnchen902](#) Jul 4 '13 at 5:30

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Set Next Statement has been available in Visual Studio for many years. – [David](#) May 20 '18 at 2:09

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It's not possible with the debugger to not execute parts of the code.

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It is however possible to execute extra code and change values on variables so if you need to exclude one row from execution during debug you will have to alter your code to prepare for that kind of debugging.

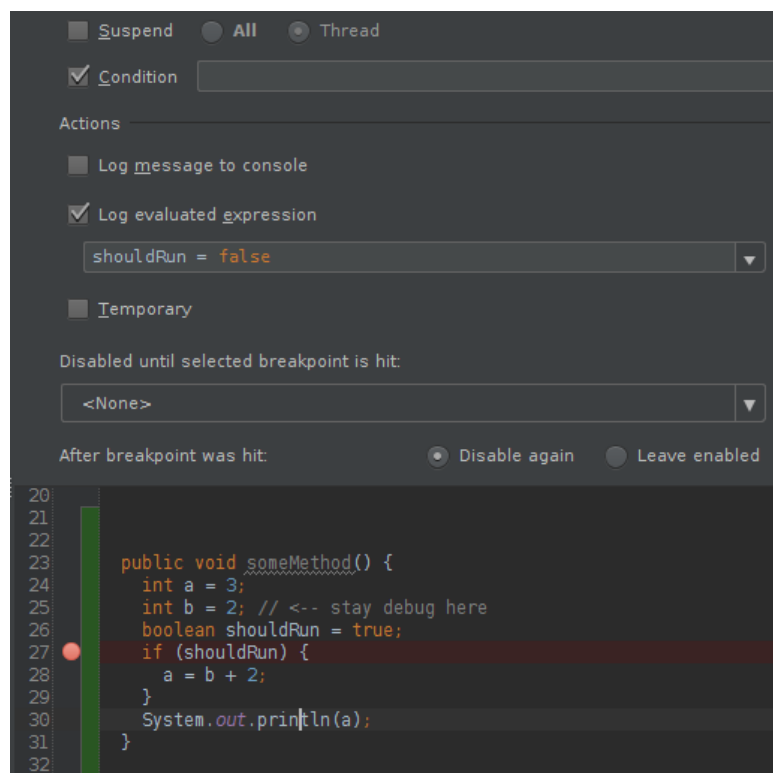


```
public void someMethod() {  
    int a = 3;  
    int b = 2;  
    boolean shouldRun = true;  
    if (shouldRun) {  
        a = b + 2;  
    }  
    System.out.println(a);  
}
```

You would then set a break point that changes the value of `shouldRun` without stopping execution. It can be done like this.

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Note that

1. **Suspend** isn't checked
2. **Log evaluated expression** is used to alter a variable when the break point is hit

edited Nov 28 '15 at 8:44

answered Jul 4 '13 at 8:29


[Andreas Wederbrand](#)

27.9k 6 51 65

3 Wow that's an incredible solution. What a nice trick to have to

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Can you also add hotkey or path for invoke this window? It is not clear where you have this – [alexey polusov](#) Oct 24 '16 at 10:08

It moves around. In 2016.2.5 I'm using ctrl+f8 and then ctrl+shift+f8 twice to get to that dialog. – [Andreas Wederbrand](#) Oct 24 '16 at 11:08 

In PhpStorm it is possible add `return [return value];` to *Watches* and debugger will go out of the function – [Alex](#) Apr 4 '18 at 16:14

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It is possible to skip lines only if you use hotswapping or put in other words code reloading tool - add code changes/new code at runtime. Hotswapping is the functions of replacing components without shutting down the system. Hotswapping can also refer to the ability to alter the running code of a program without needing to interrupt its execution.

There are various hotswapping tools like: JRebel (<https://zeroturnaround.com/software/jrebel/>) or HotSwapAgent (<http://www.hotswapagent.org/>)

You avoid having to rebuild the entire application to reload code changes, this is a huge time savings. Instead of running your full build process, simply use the compiler built into your IDE and the hotSwap agent/tool will reload the code into the JVM.

In this case it would not be actually skipping but you can just comment/change the lines and reload it. These tools are quite awesome!!!! It greatly speeds up the development/debugging process

edited Feb 23 '16 at 20:17

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answered Feb 18 '16 at 15:54

[ntotomanov](#)

66 1 3



You can't just skip 'line execution' when debugging. You can press F8 to step over.

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answered Jul 4 '13 at 5:37

[StKiller](#)

5,248 8 35 55



It is not possible to skip the EXECUTION of the lines in IntelliJ and even in Eclipse. Only thing you can do is you can do step over (F8)-which will trace line by line without going inside any function.

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One more thing is Step out(Shift+F8)- which will go to next debug point directly by executing in between lines in that single step.

answered Jul 4 '13 at 5:52

[Chandu](#)

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- 1 No. "Resume Program" (F9) will continue until the next breakpoint. Step Out will run the current method and stop the debugger when the method exists. – [Andreas Wederbrand](#) Jul 4 '13 at 8:20