

Step by step guide to importing & building Soot with IntelliJ IDEA

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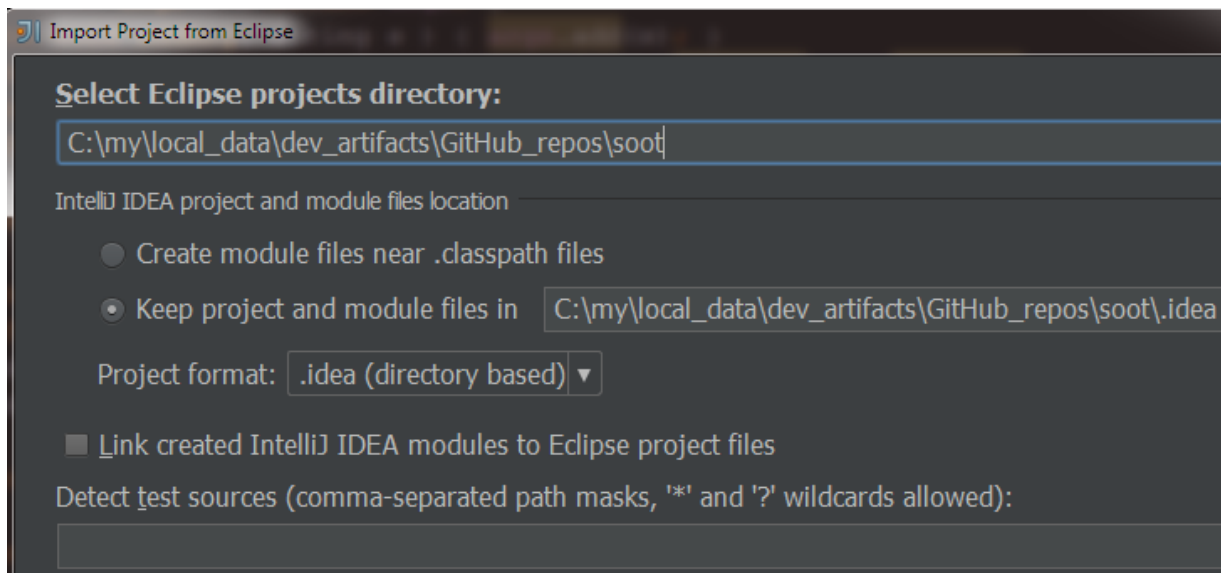
This guide should help you import & build Soot with IntelliJ IDEA.

Step by step guide

- Fork and clone the repo <https://github.com/Sable/soot> (for help, see <https://help.github.com/articles/fork-a-repo>)

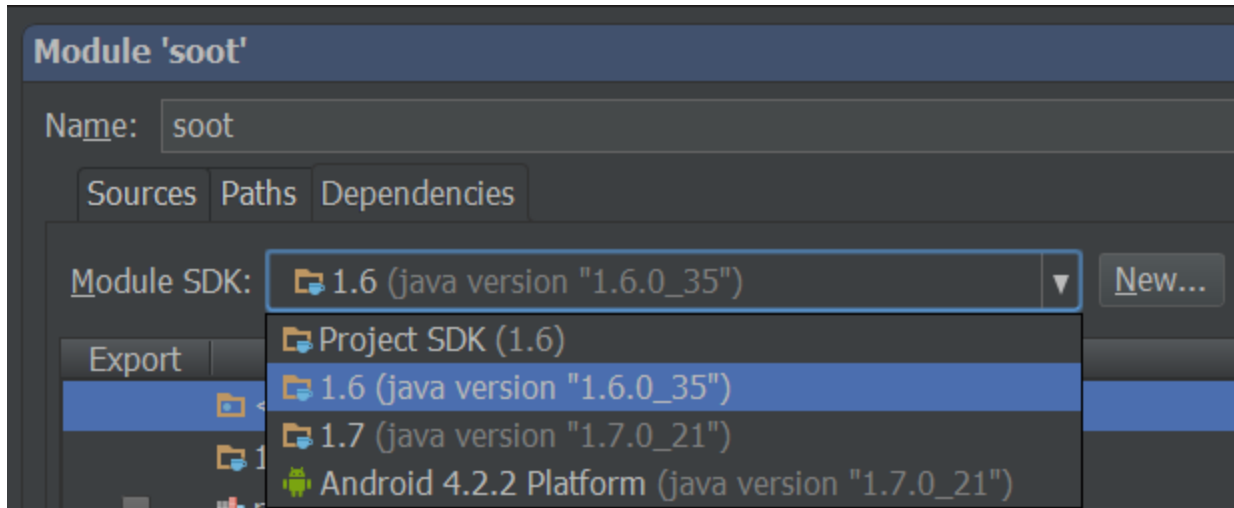
All of the following steps happen in IntelliJ IDEA

- Import project: select ".project" file.
- Configure according to screenshot (but use your own file path of course) and click **Next**. Note that because we are keeping the project files in .idea dir, all of them will be ignored with ".idea" line in .gitignore.



- Uncheck all projects except Soot. The unchecked projects are related to eclipse plugin.
- Build path will be broken. Java SDK probably won't be recognized and some jars will be missing.

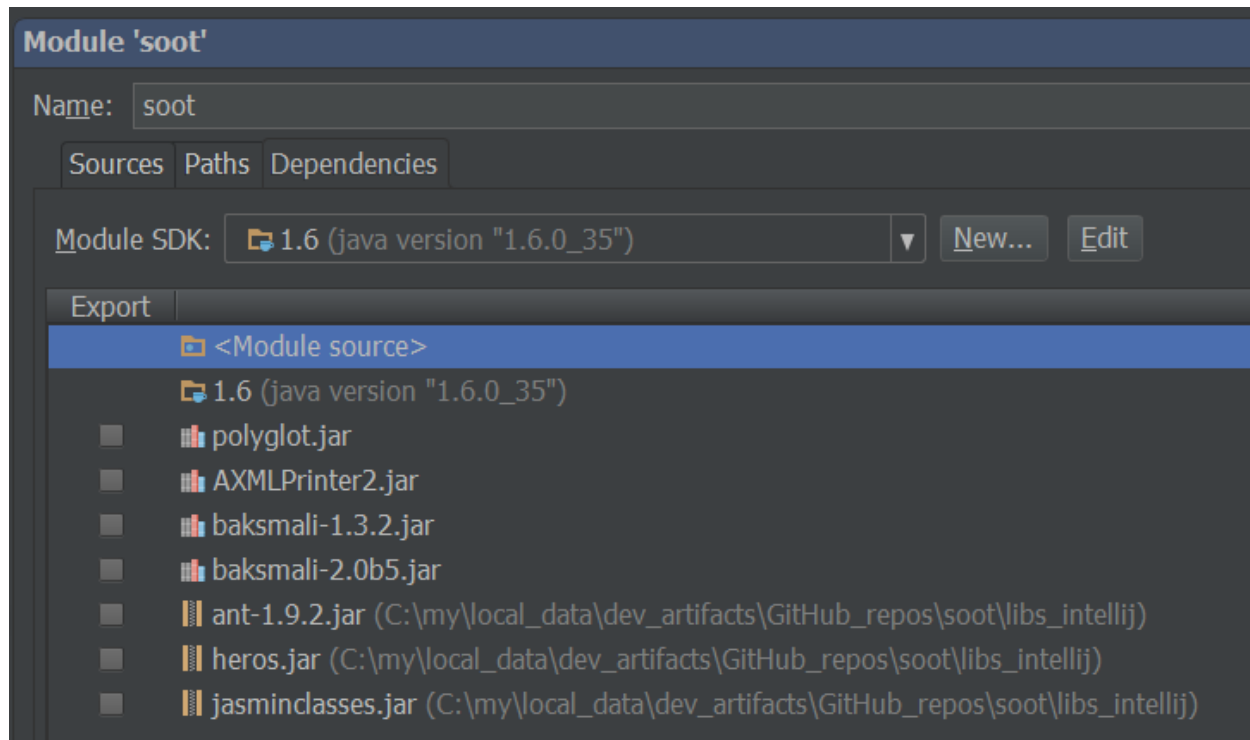
- Change the module's dependencies storage format to IntelliJ IDEA, so you won't modify the .classpath file.
- You can easily fix the SDK by resetting it:



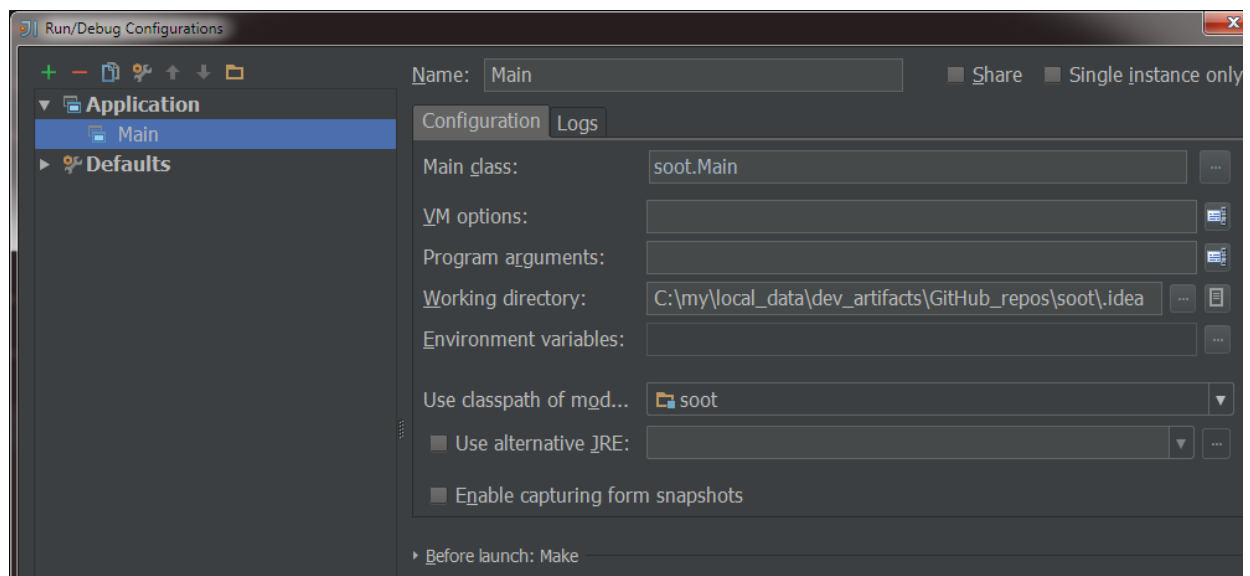
- The missing jars are:
 - heros.jar and jasminclasses.jar, available from <http://vandyk.st.informatik.tu-darmstadt.de/abc/>
 - ant.jar, available e.g. from <http://mvnrepository.com/artifact/org.apache.ant/ant/1.9.2>

Put these files in ./libs_intellij so they are picked up by .gitignore

- The final dependencies should resemble:

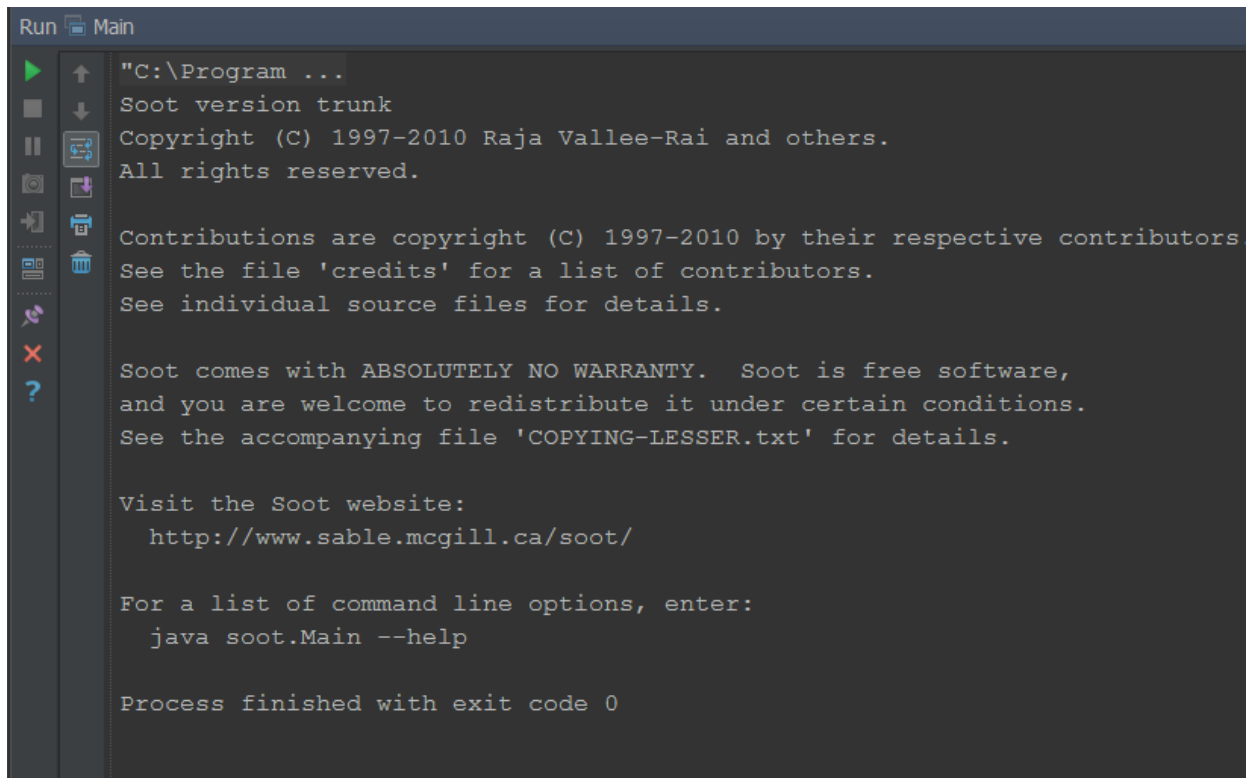


- Create run configuration:



! Note the working directory is ./idea, not the top-level project dir !

- And run, observing:



The screenshot shows a Java IDE's Run console window. The title bar reads "Run Main". On the left is a vertical toolbar with icons for running, stepping through code, and other debugging actions. The main area of the console displays the output of the Soot program. The output text is as follows:

```
"C:\Program ...  
Soot version trunk  
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Contributions are copyright (C) 1997-2010 by their respective contributors  
See the file 'credits' for a list of contributors.  
See individual source files for details.  
  
Soot comes with ABSOLUTELY NO WARRANTY. Soot is free software,  
and you are welcome to redistribute it under certain conditions.  
See the accompanying file 'COPYING-LESSER.txt' for details.  
  
Visit the Soot website:  
  http://www.sable.mcgill.ca/soot/  
  
For a list of command line options, enter:  
  java soot.Main --help  
  
Process finished with exit code 0
```