

Brooklyn College

Using stdlib within Netbeans

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8/30/2022

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Downloading stdlib

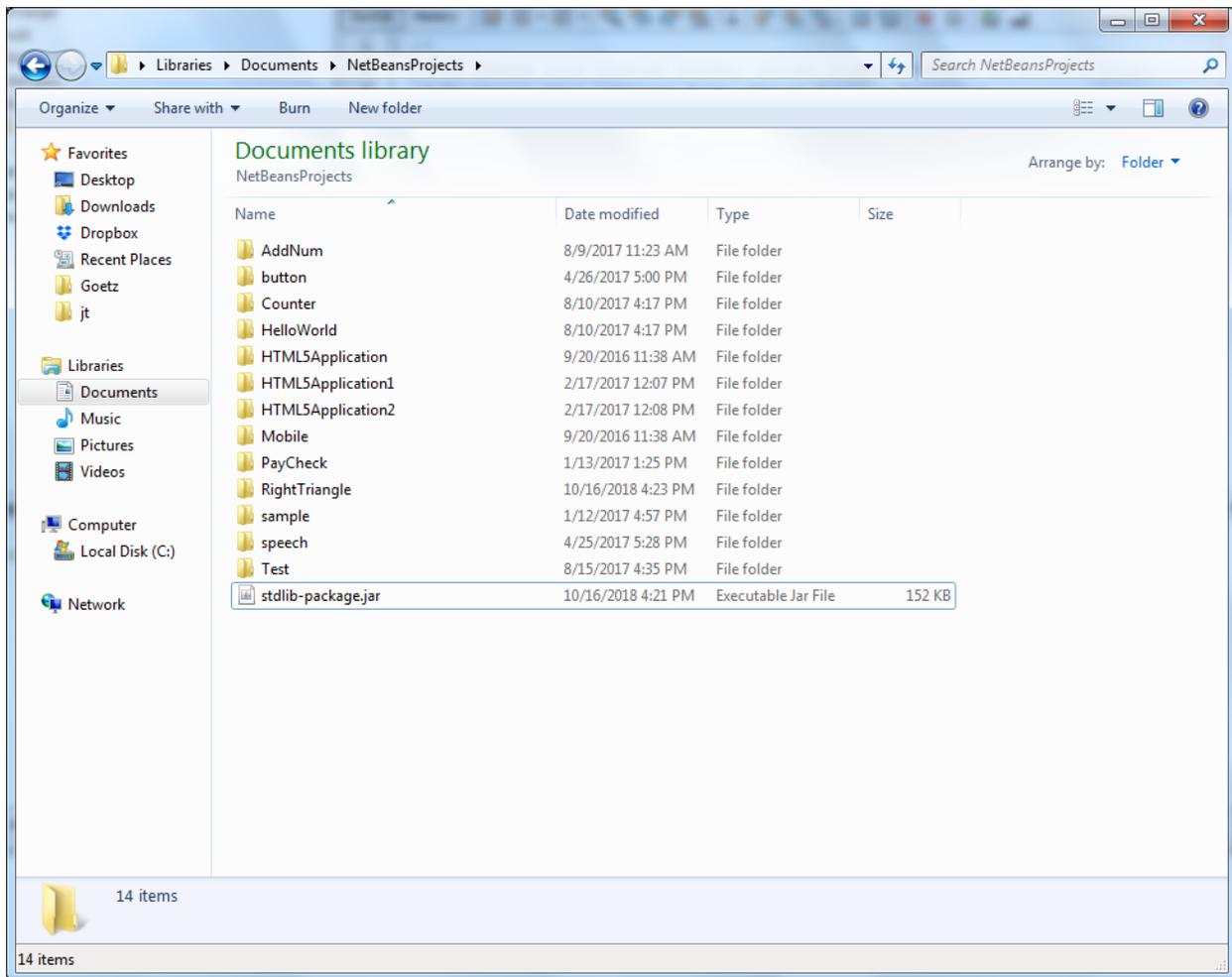
Information can be found here:

<https://introcs.cs.princeton.edu/java/stdlib/>

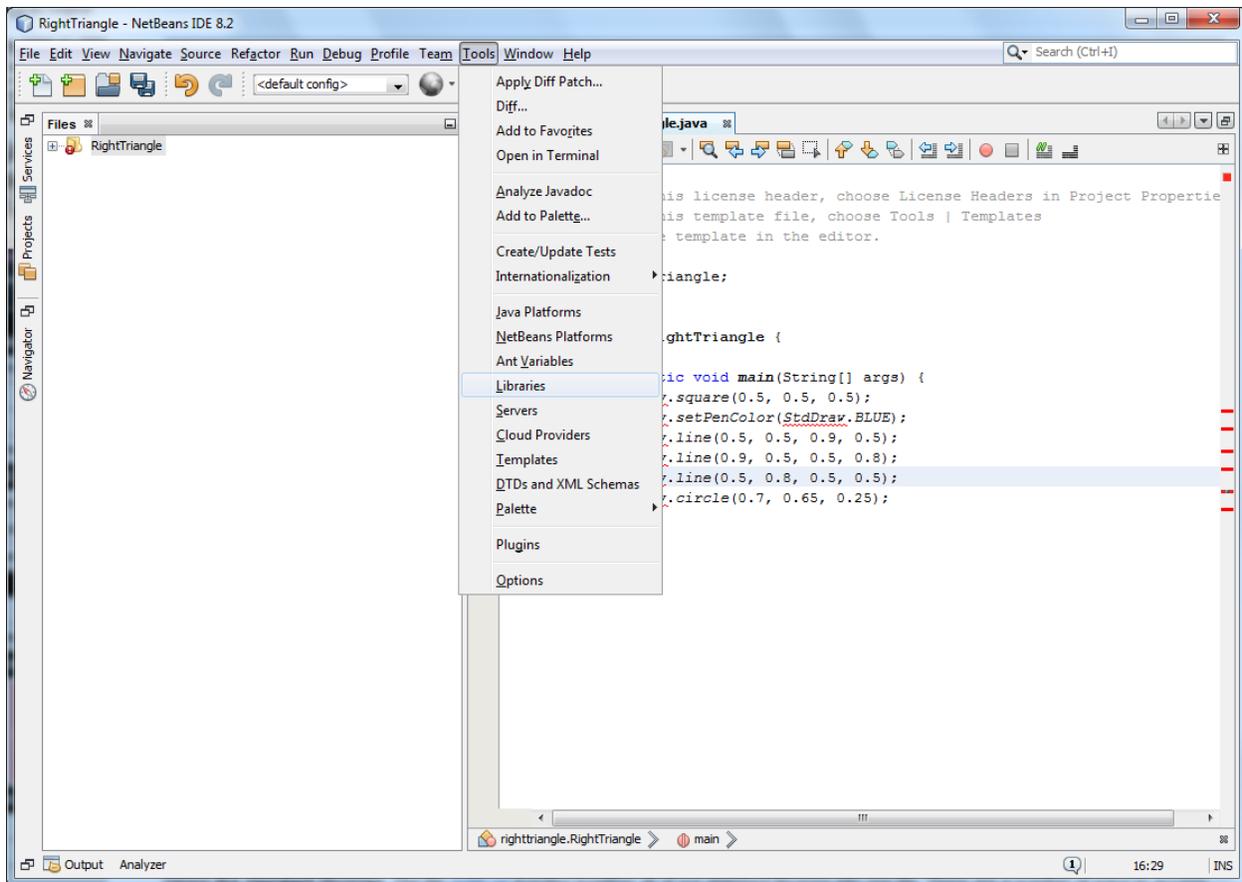
To make sure things work with NetBeans, please download the following [stdlib-package.jar](#) file. This file is different than the one listed on the website.

Setting up stdlib

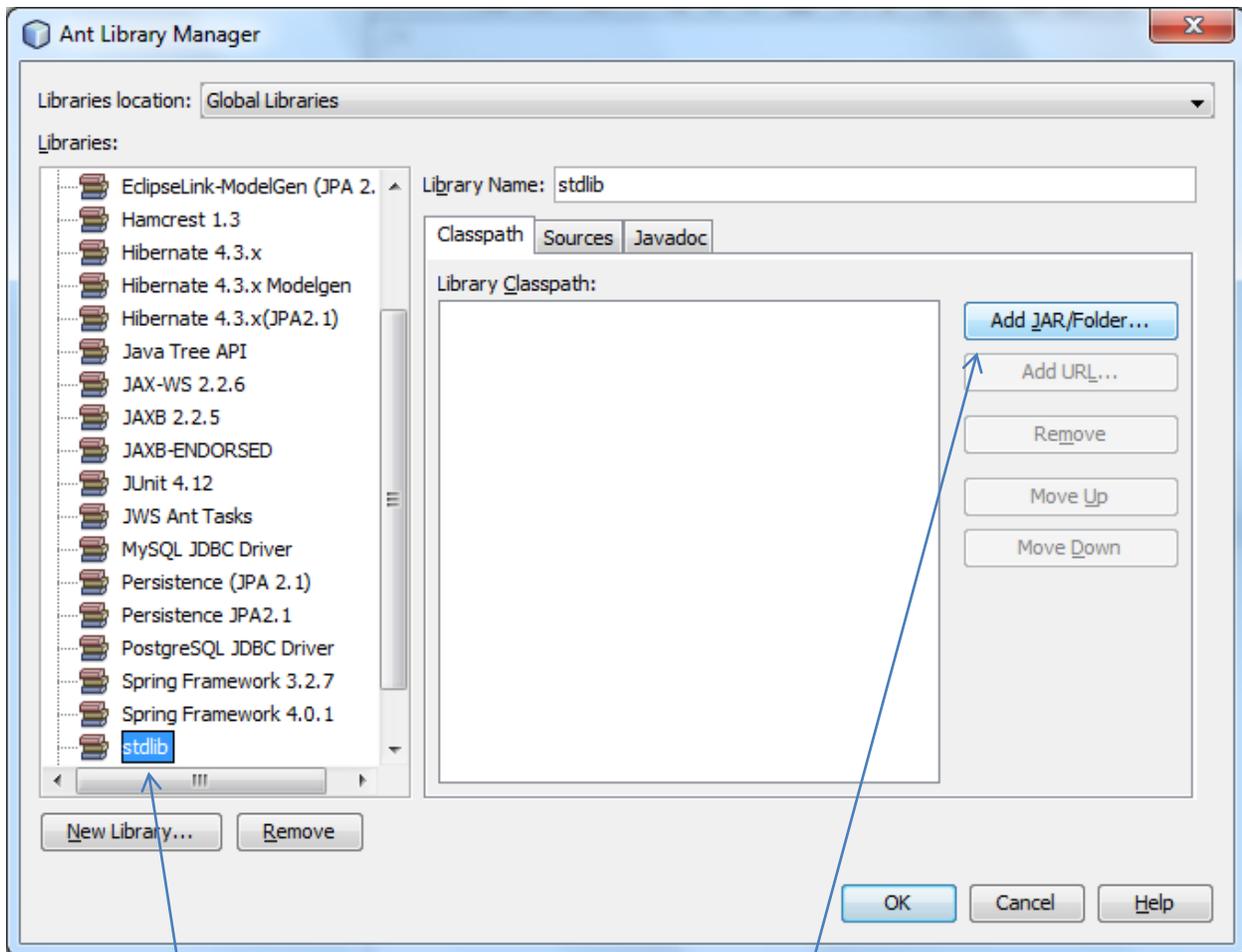
You need to do this for the first time you are installing stdlib on your computer.



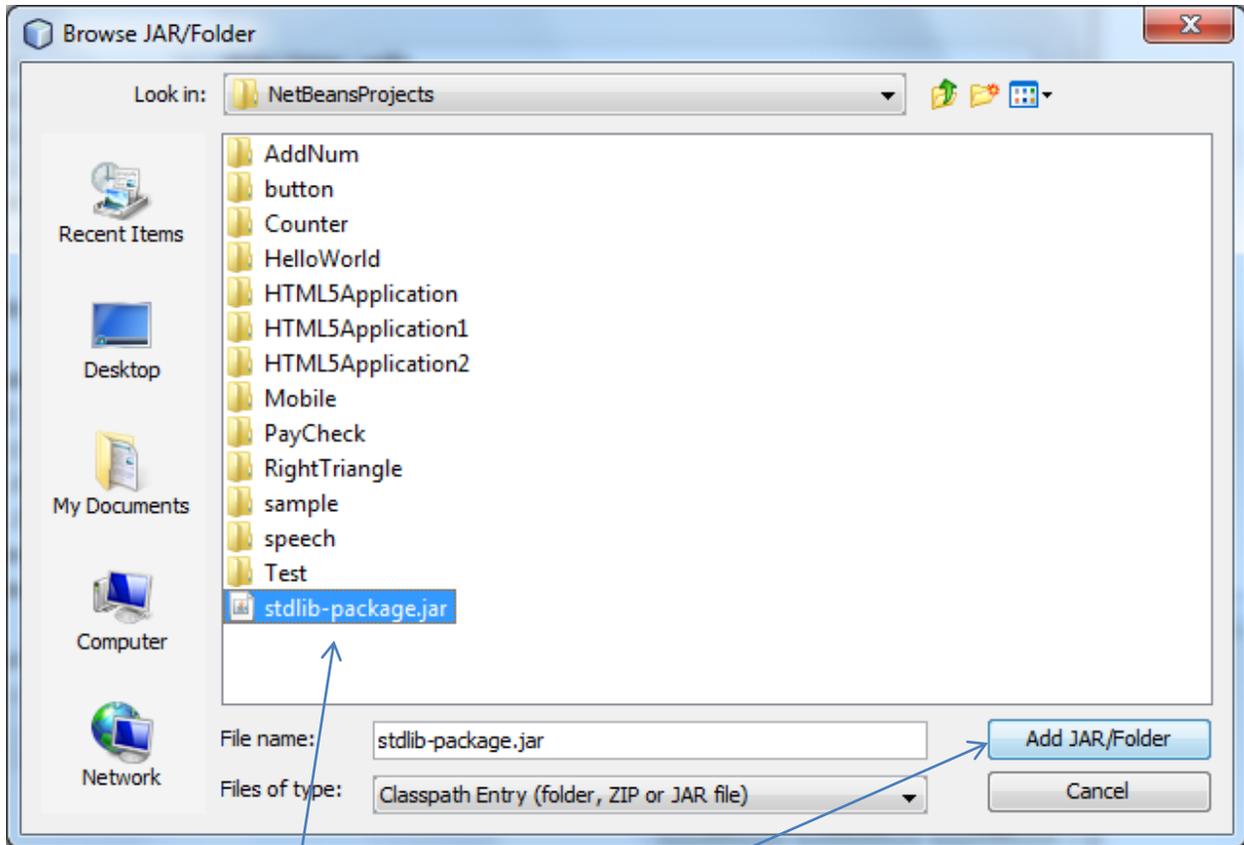
Place the [stdlib-package.jar](#) in your Documents/NetBeansProjects folder.



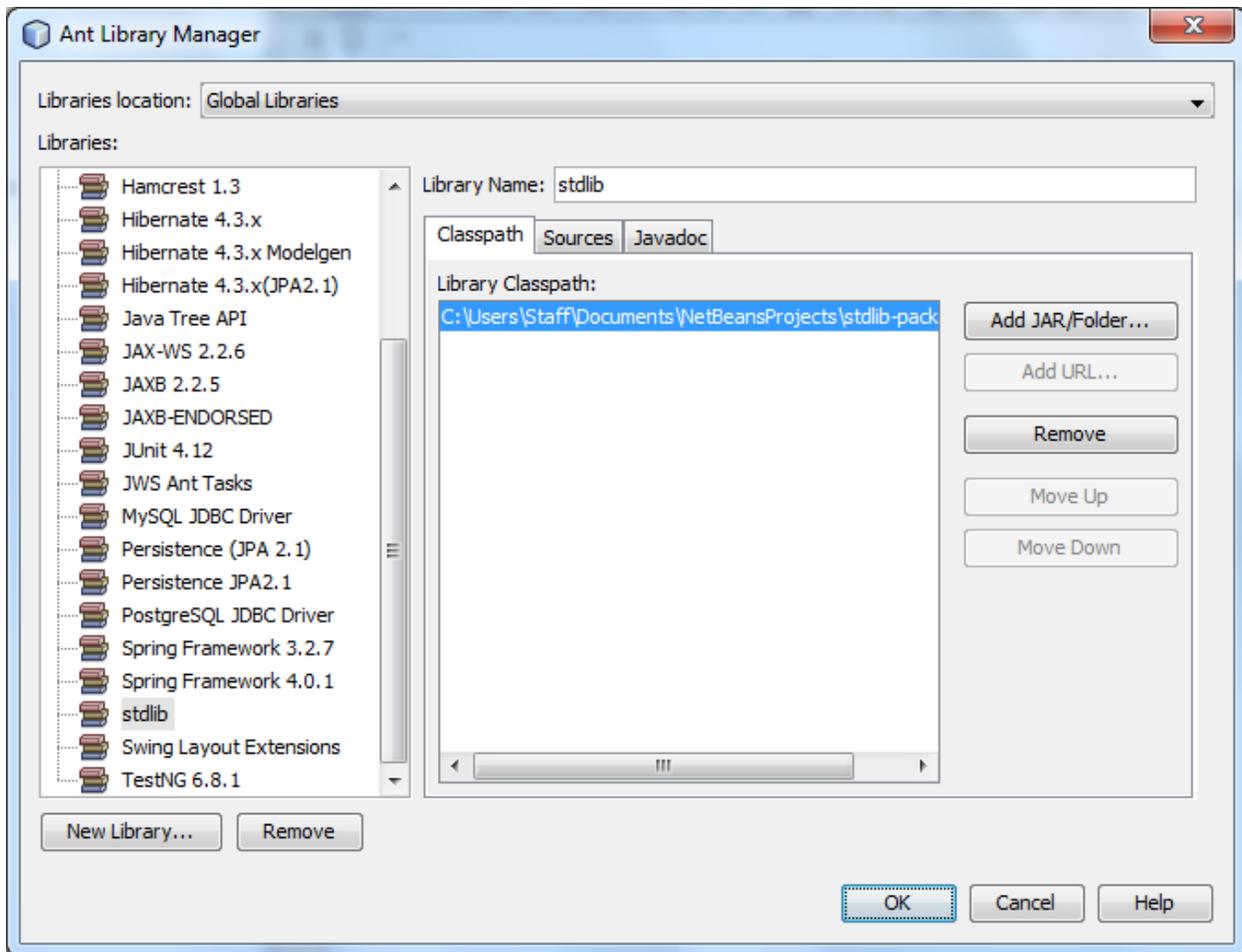
From the **Tools** menu, select **Libraries**.



Select the **stdlib** from the **Libraries** panel and then select **Add JAR/Folder**.



Select the **stdlib-package.jar** file and press **Add JAR/Folder**.



Press **OK**.

That's it!

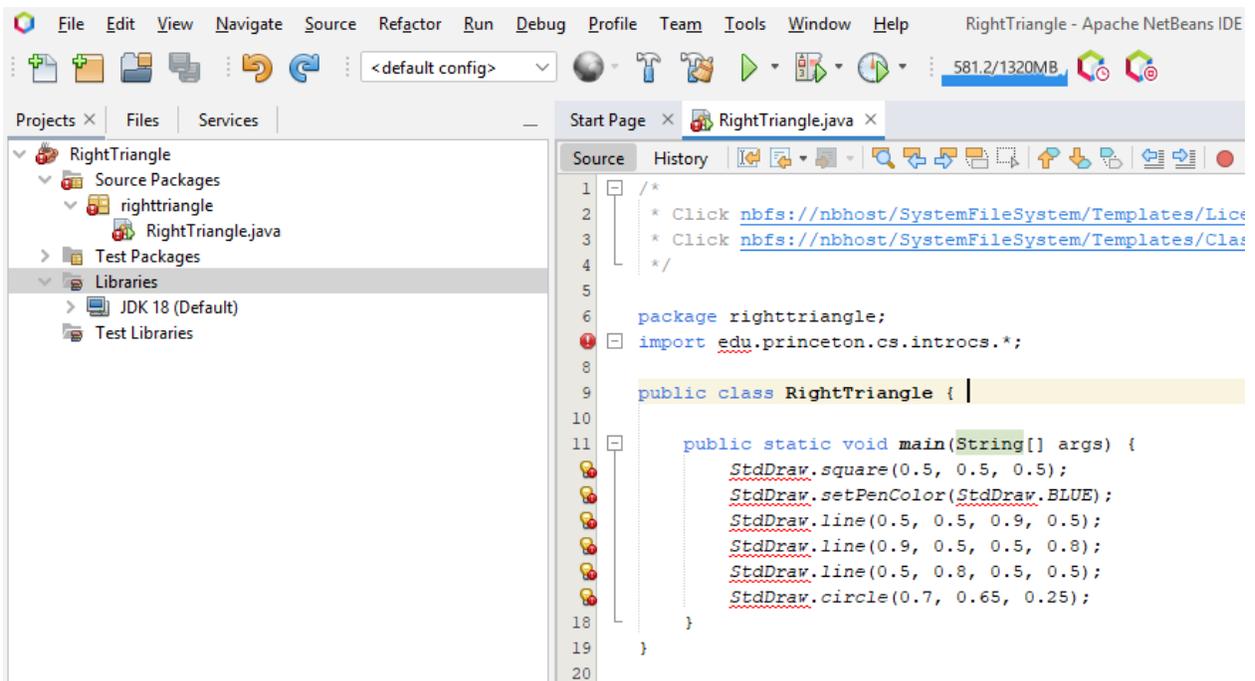
You have added the stdlib to your Global Libraries. This will allow you to add the stdlib to any project you are working on.

Sample program

```
package righthtriangle;
import edu.princeton.cs.introcs.*;

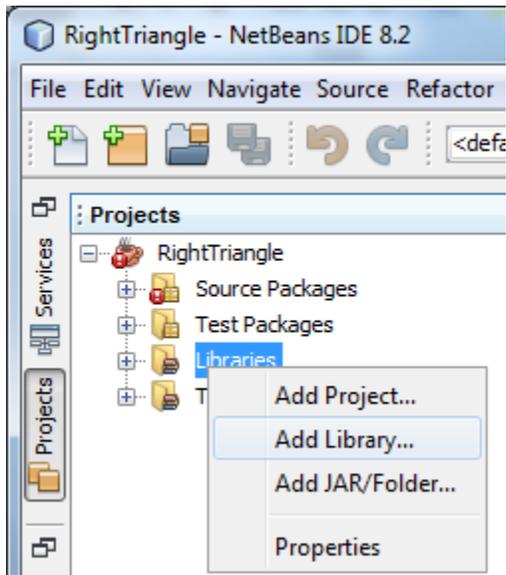
public class RightTriangle {

    public static void main(String[] args) {
        StdDraw.square(0.5, 0.5, 0.5);
        StdDraw.setPenColor(StdDraw.BLUE);
        StdDraw.line(0.5, 0.5, 0.9, 0.5);
        StdDraw.line(0.9, 0.5, 0.5, 0.8);
        StdDraw.line(0.5, 0.8, 0.5, 0.5);
        StdDraw.circle(0.7, 0.65, 0.25);
    }
}
```

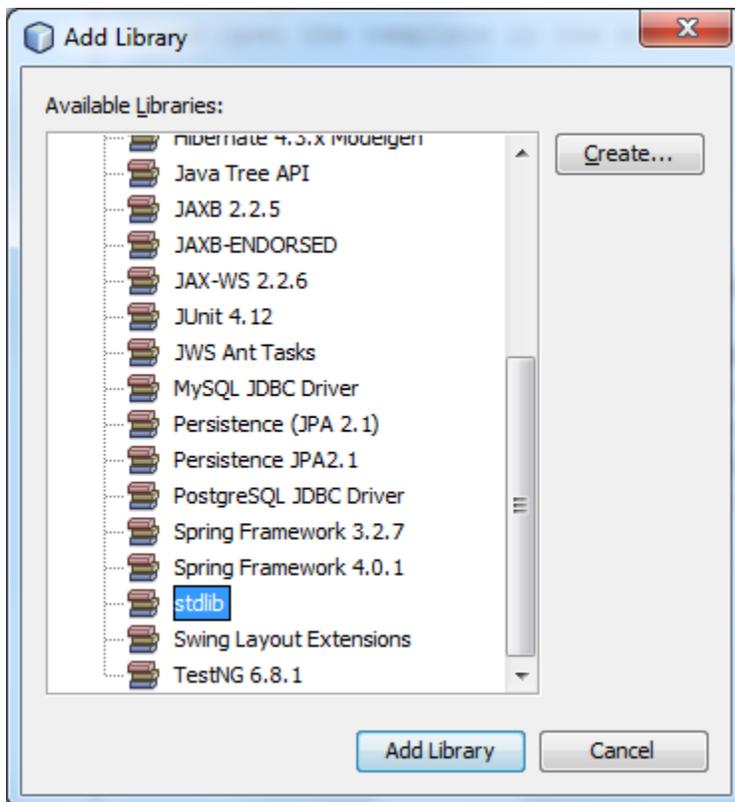


Notice how there are errors on line 12-17 for `StdDraw`. That class is part of `stdlib`. We need to add that to our project.

Adding stdlib to your project



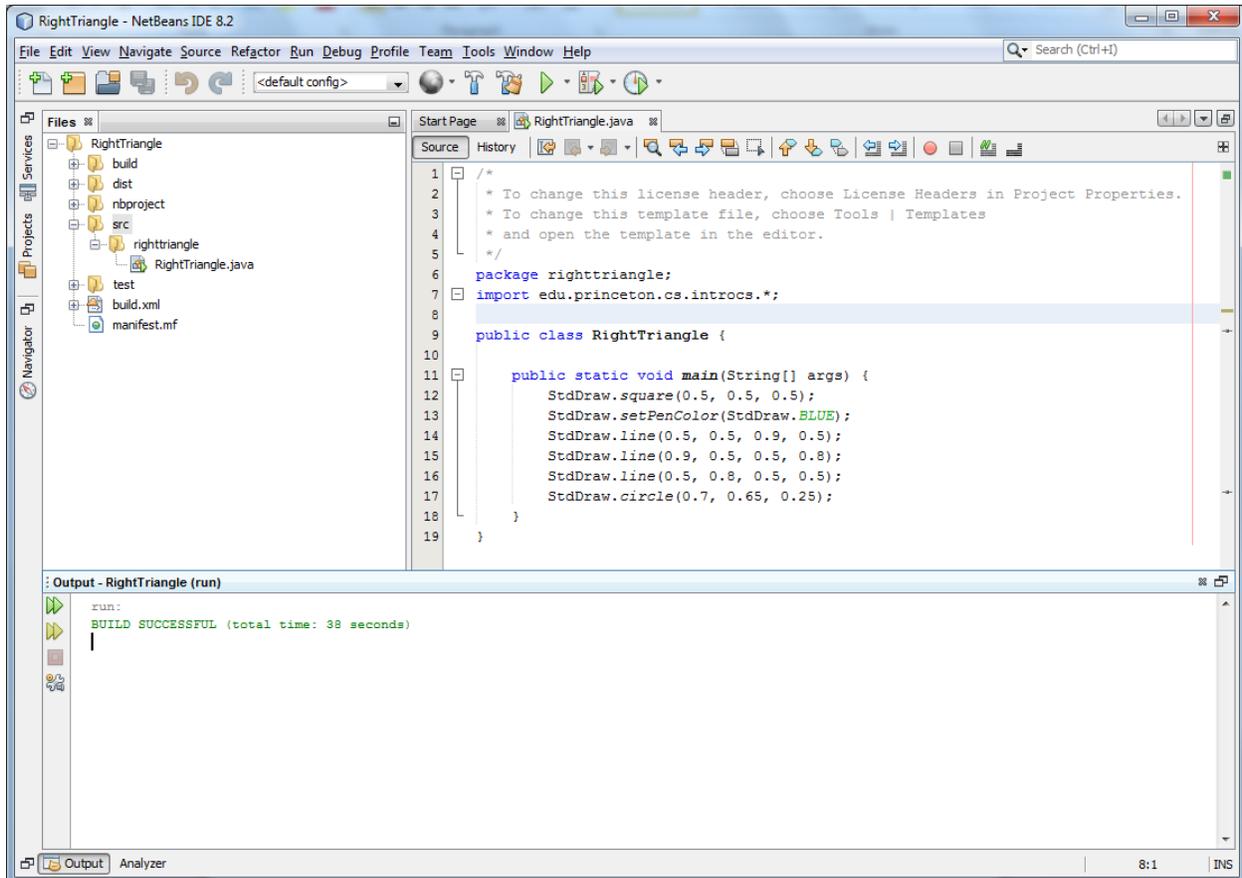
In your project, **right click** on the **Libraries** menu and select **Add Library**.



Select the **stdlib** and then select **Add Library**.

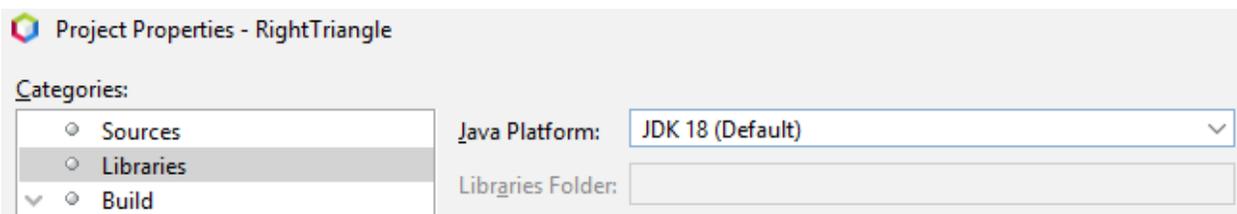
Reminder that you must have an import statement to access the library methods.

import edu.princeton.cs.introcs.*;



The errors on 12-17 have disappeared. Now you are ready to run your project.

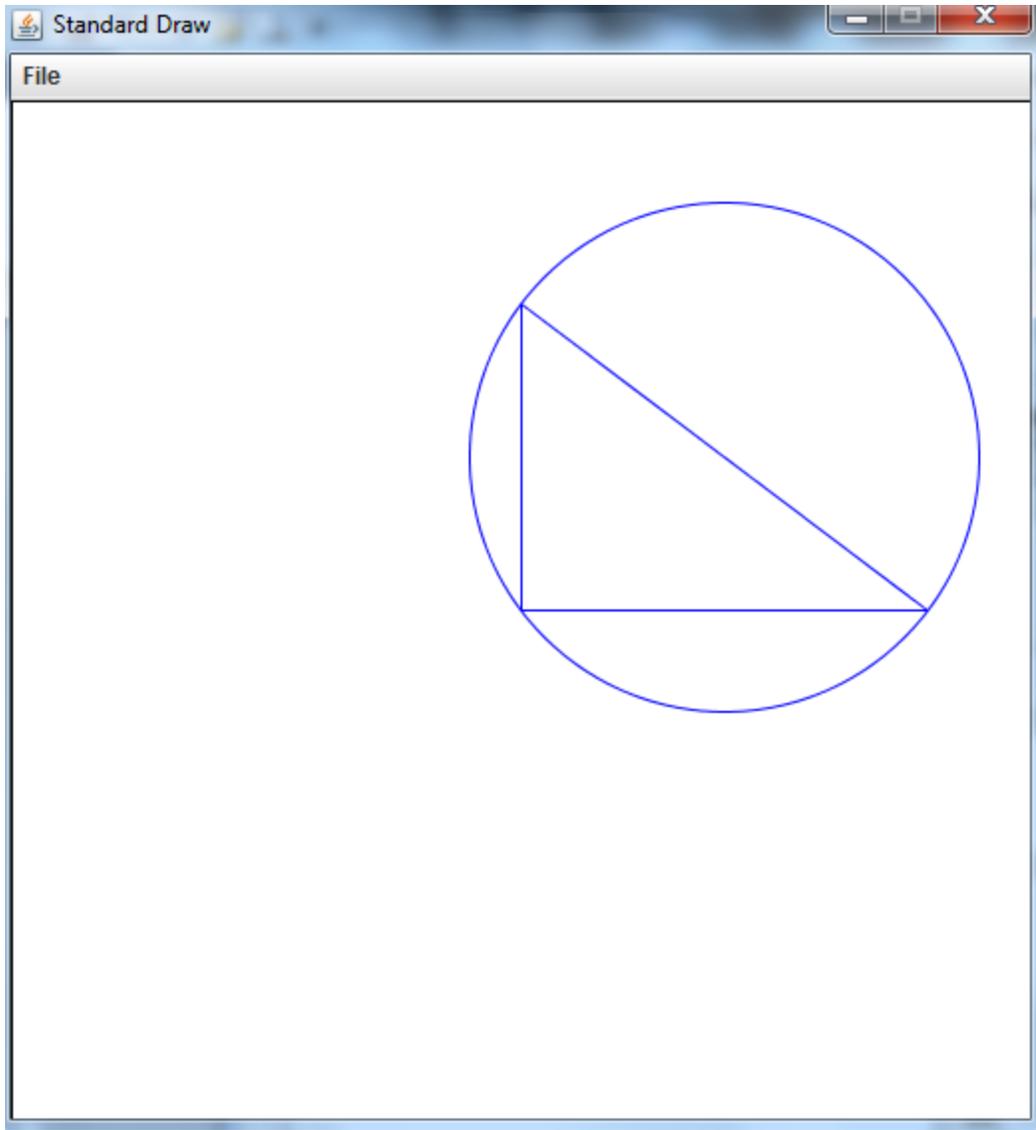
Make sure you have JDK 18 or later set for the project properties.



If you have 17 or lower you will get errors when running.

Exception in thread "main"

java.lang.UnsupportedClassVersionError: edu/princeton/cs/introcs/StdDraw :
Unsupported major.minor version 52.0



The results from running your project using stdlib.