

Brooklyn College

# Using stdlib within Netbeans

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8/30/2022

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## Downloading stdlib

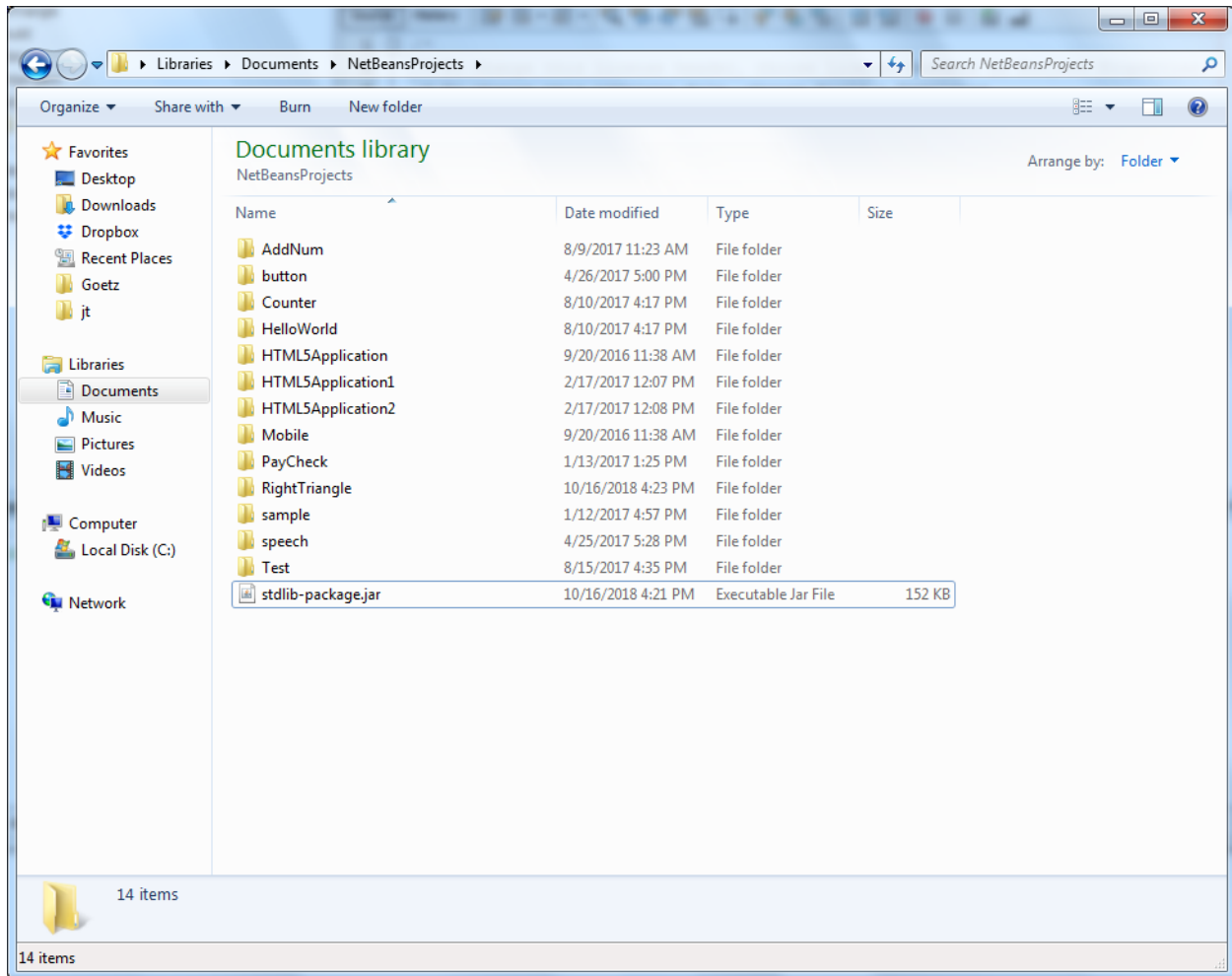
Information can be found here:

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

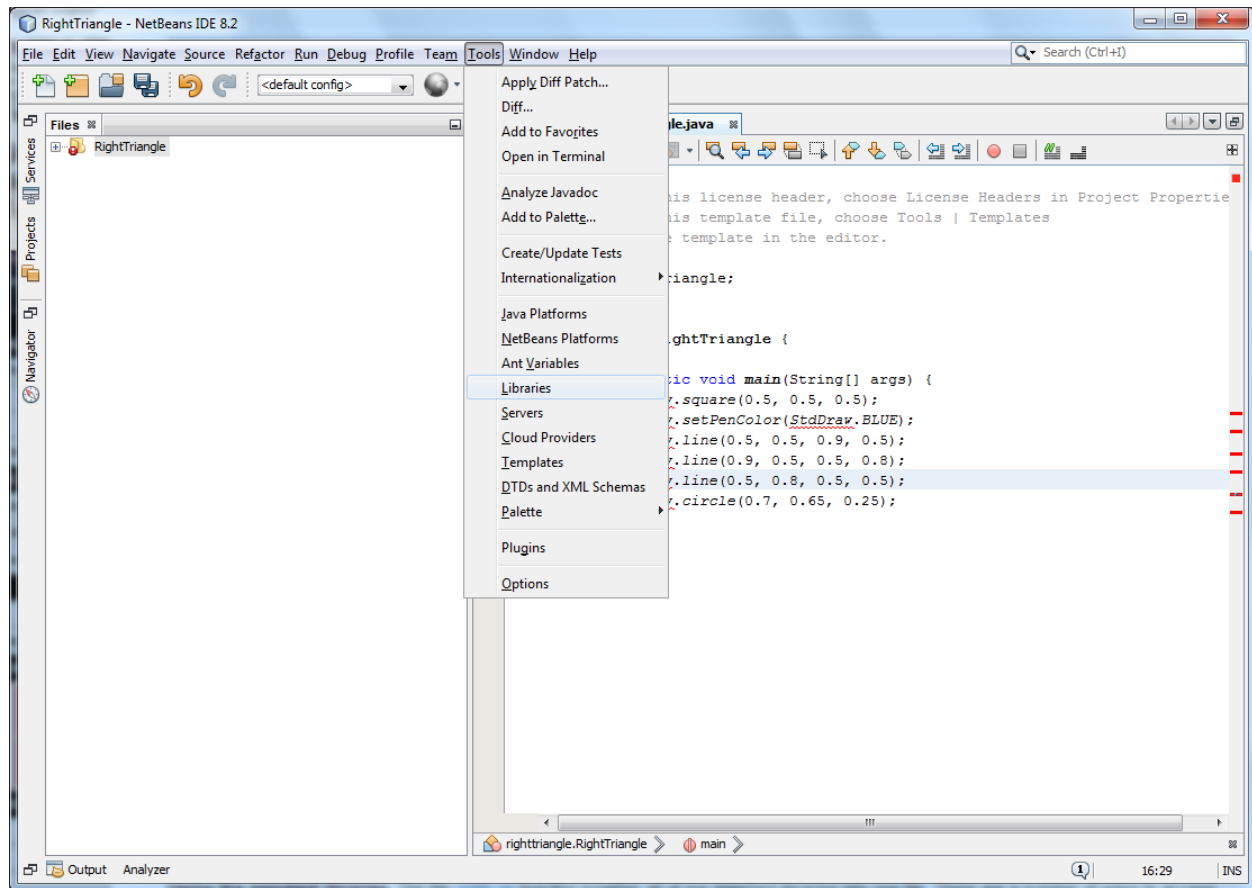
To make sure things work with NetBeans, please download the following [stdlib-package.jar](#) file. This file is different than the one listed on the website.

## Setting up stdlib

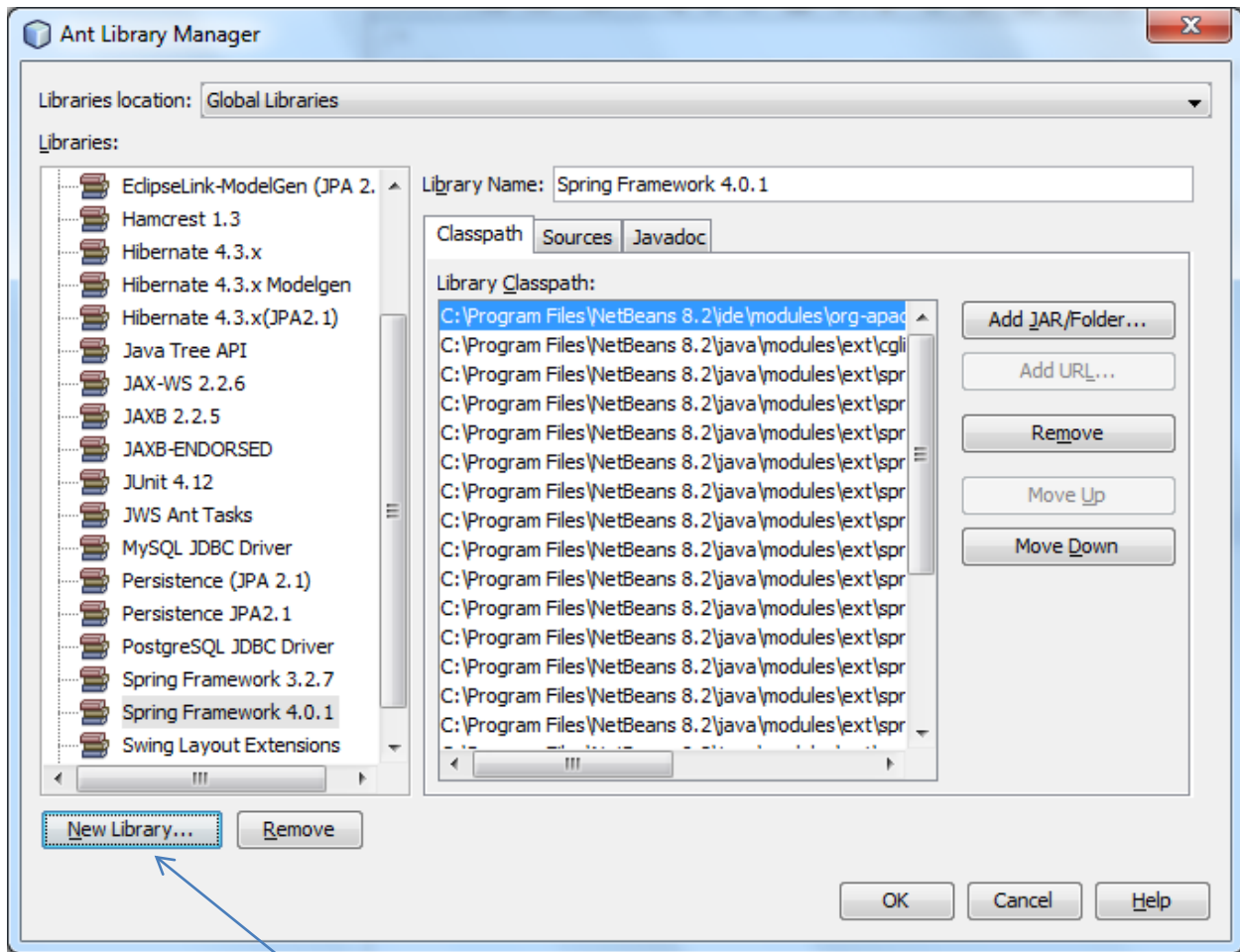
You need to do this for the first time you are installing stdlib on your computer.



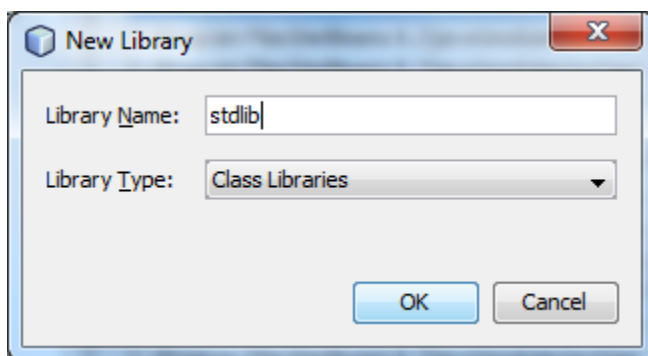
Place the [stdlib-package.jar](#) in your Documents/NetBeansProjects folder.



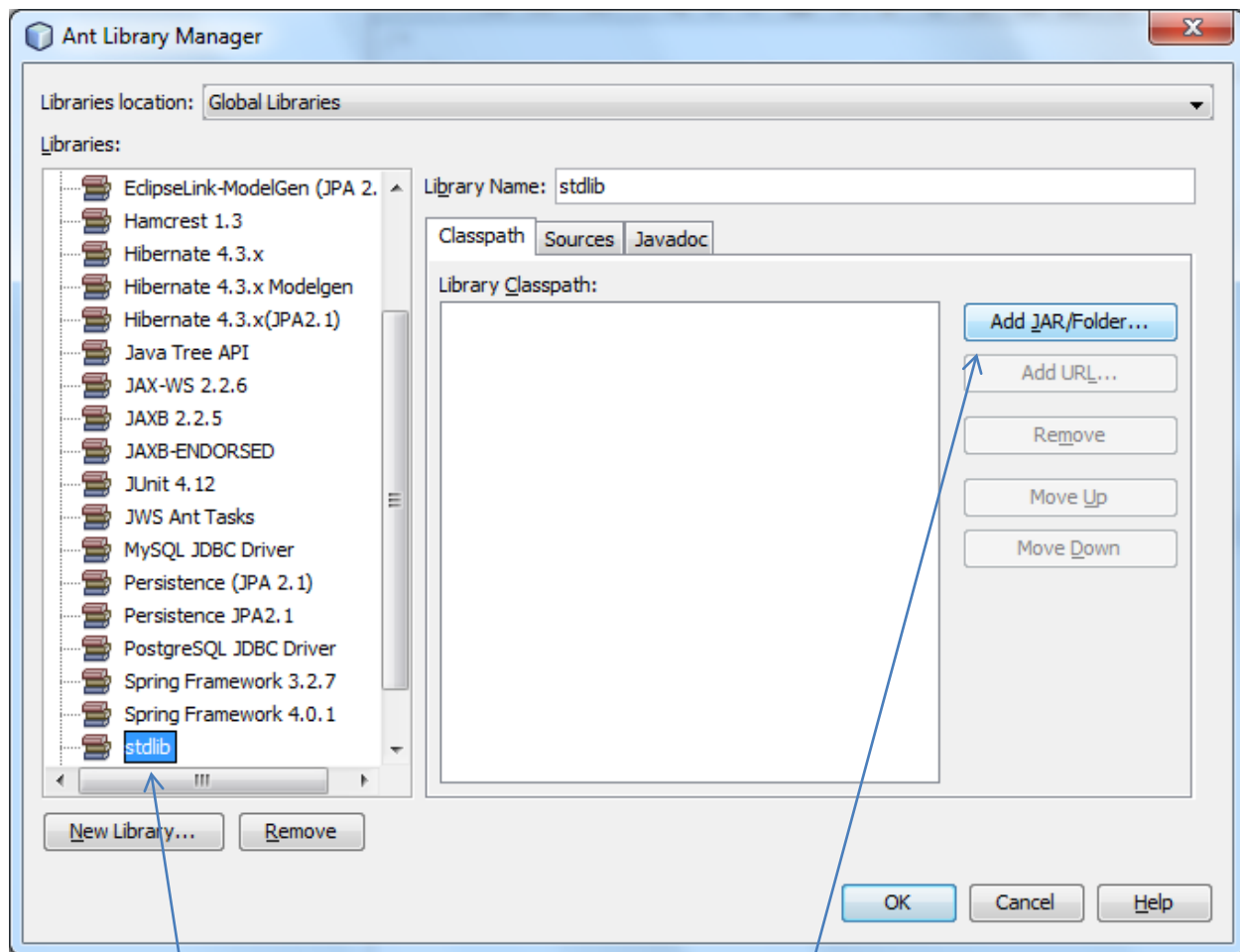
From the **Tools** menu, select **Libraries**.



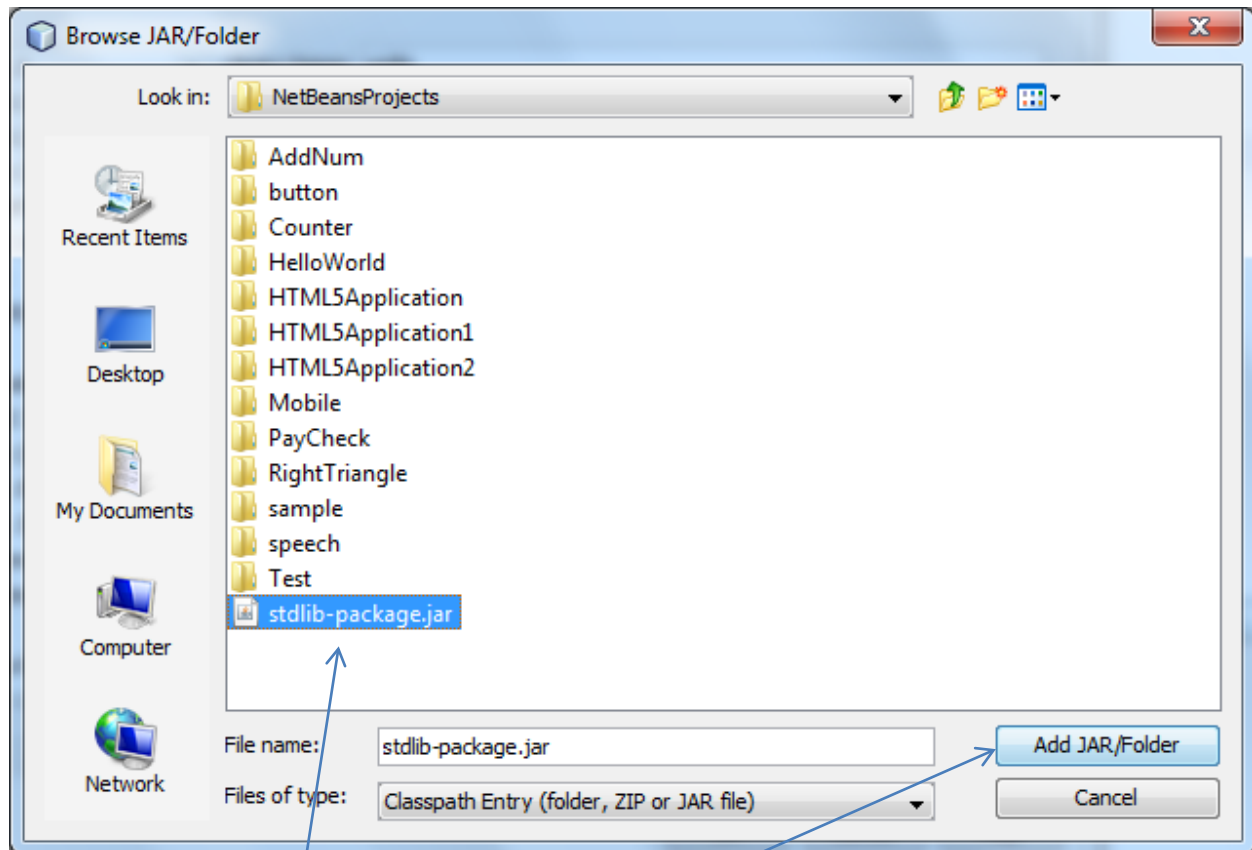
Select to add a **New Library**



Give it the name **stdlib** and then press OK.

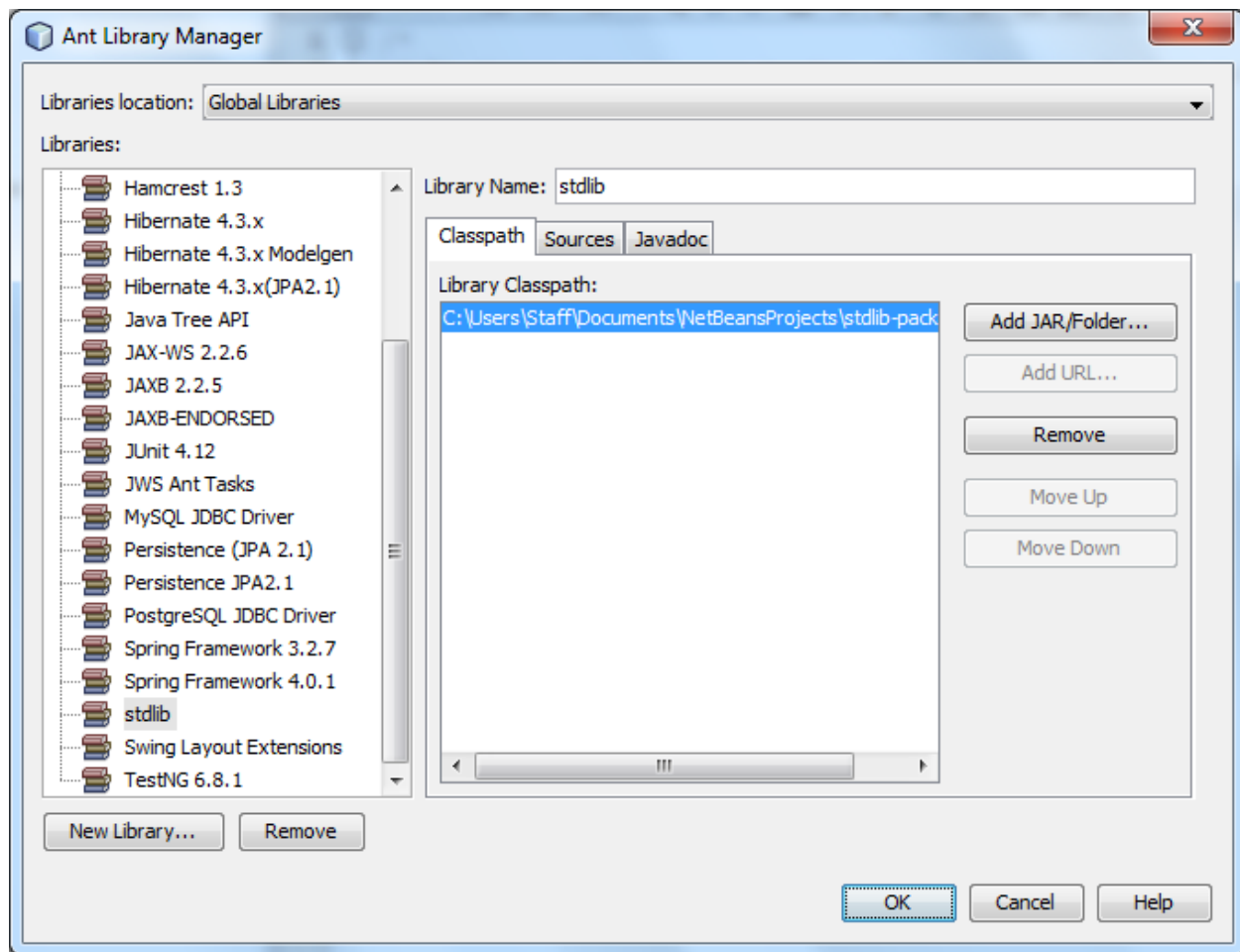


Select the **stdlib** from the **Libraries** panel and then select **Add JAR/Folder**.



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





Press **OK**.

That's it!

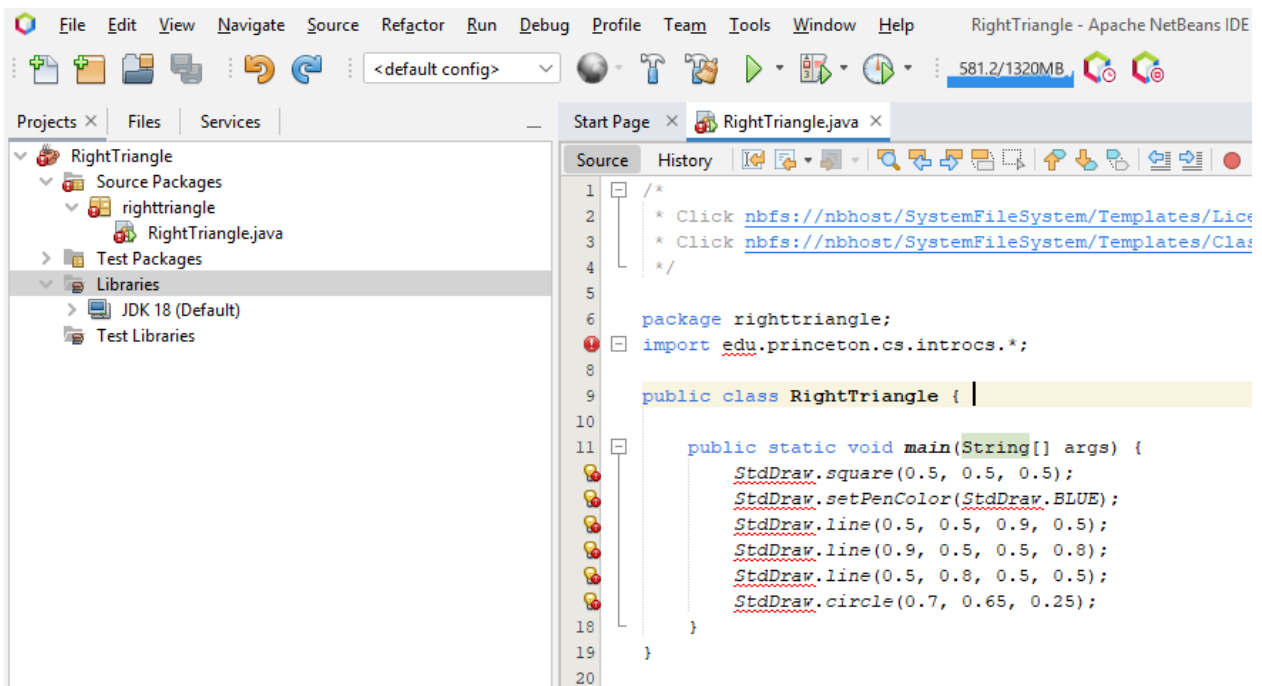
You have added the stdlib to your Global Libraries. This will allow you to add the stdlib to any project you are working on.

## Sample program

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

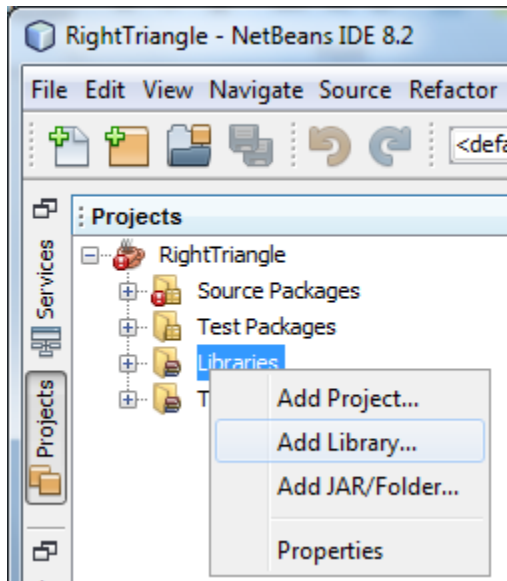
public class RightTriangle {

    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);
    }
}
```

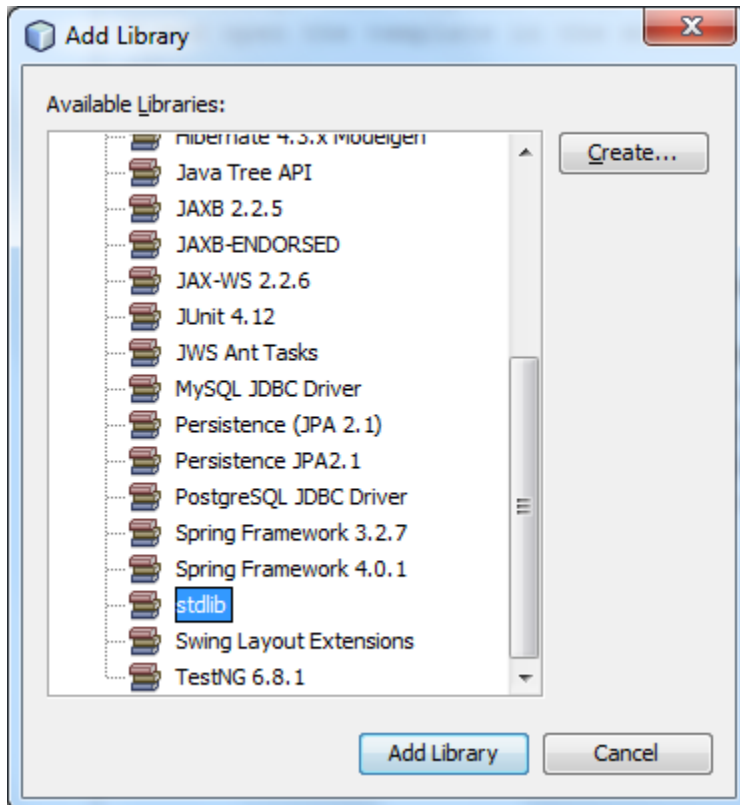


Notice how there are errors on line 12-17 for StdDraw. That class is part of stdlib. We need to add that to our project.

## Adding stdlib to your project



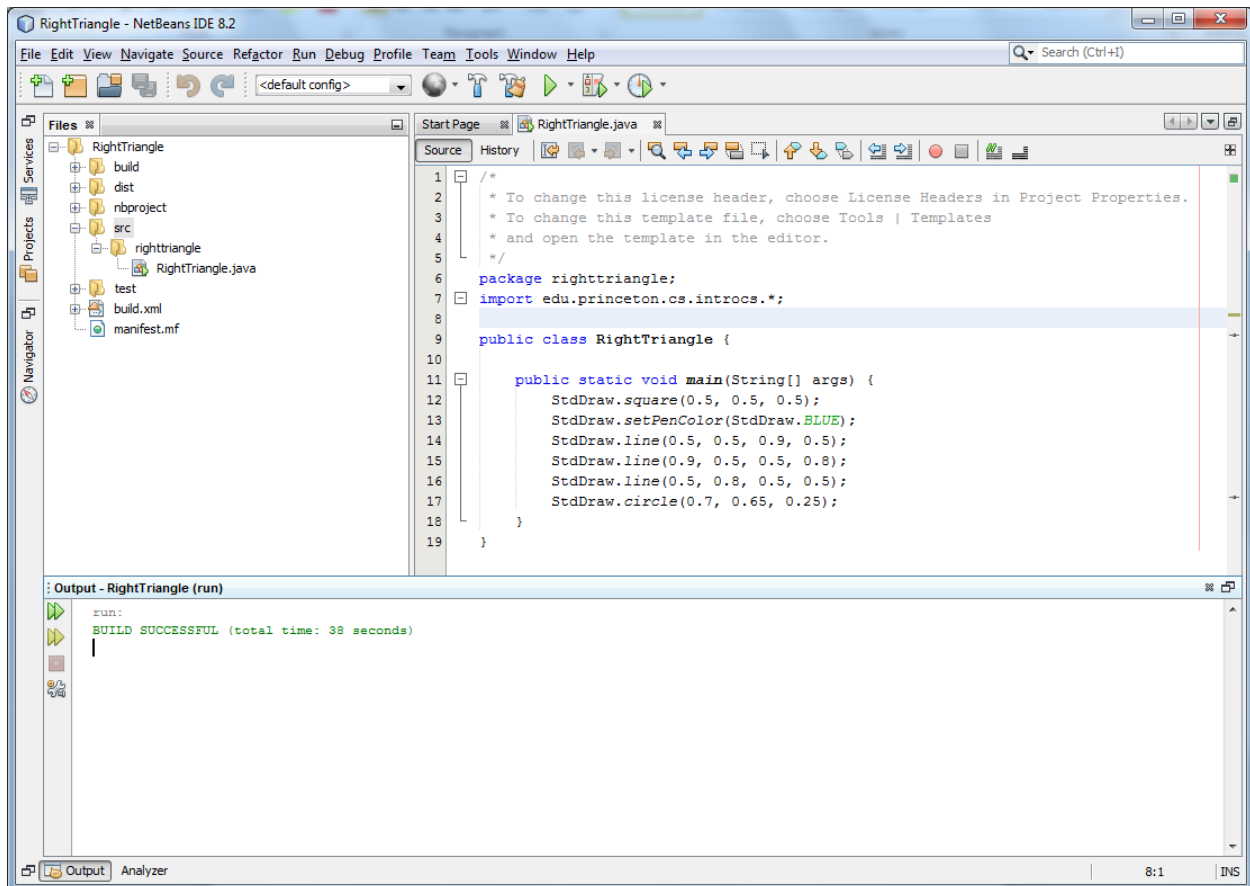
In your project, **right click** on the **Libraries** menu and select **Add Library**.



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

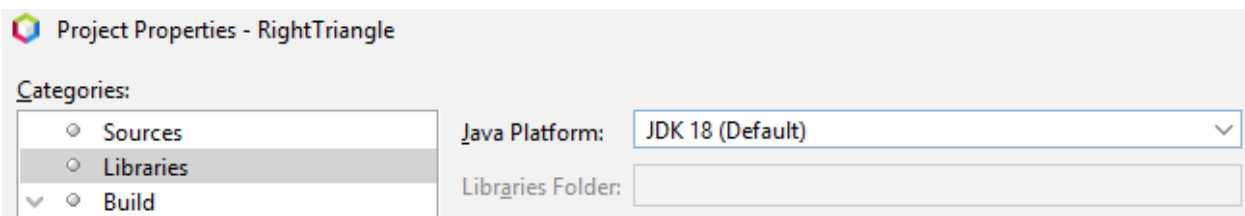
Reminder that you must have an import statement to access the library methods.

**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.**

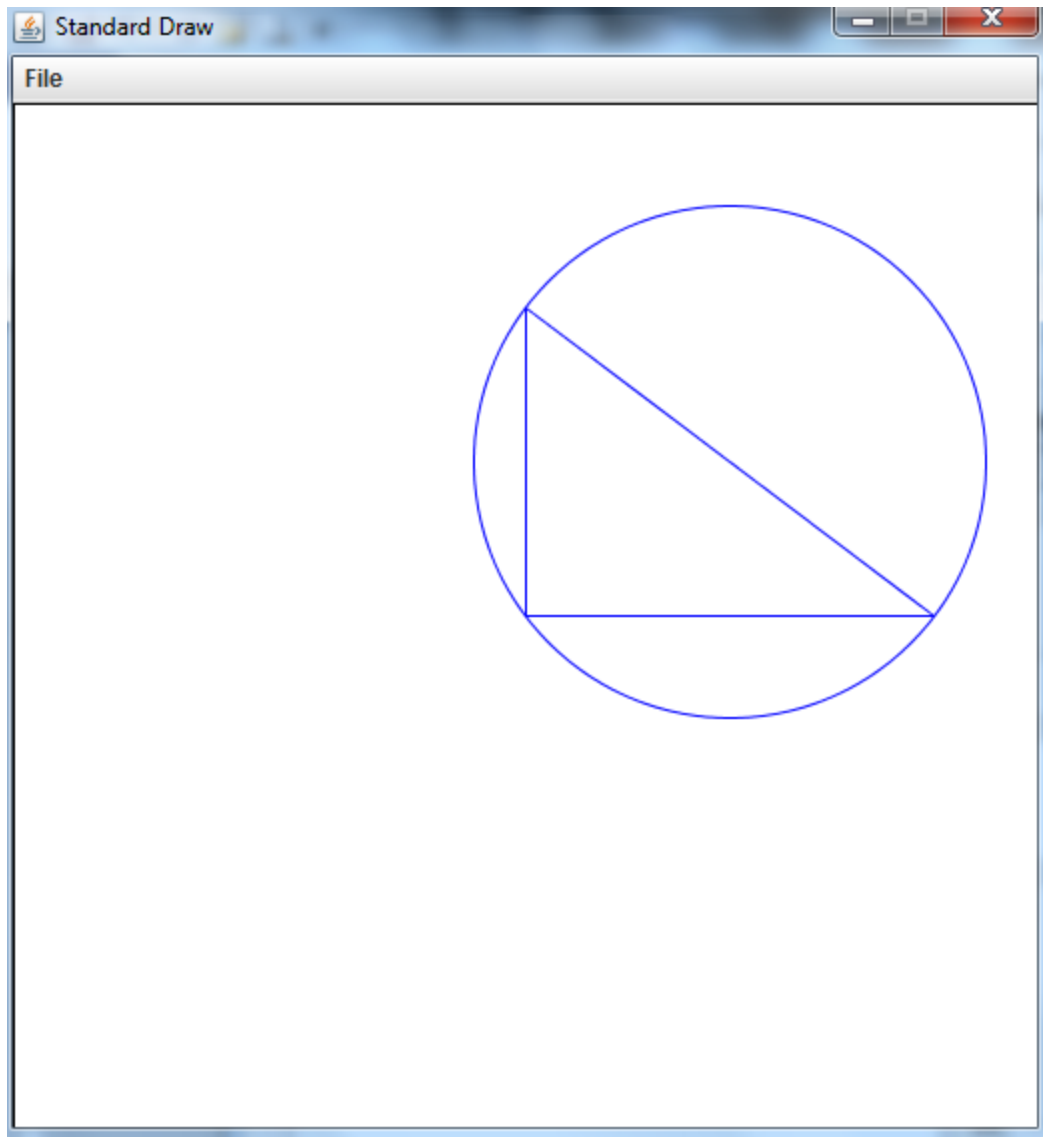


If you have 17 or lower you will get errors when running.

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.