

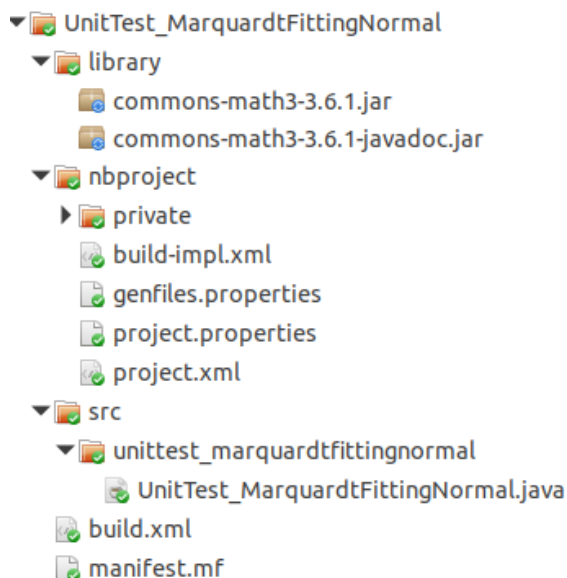
USING EXTERNAL LIBRARY IN YOUR NETBEANS PROJECT

Here, I will show how to use “Commons Math: The Apache Commons Mathematics Library” in your NetBeans project.

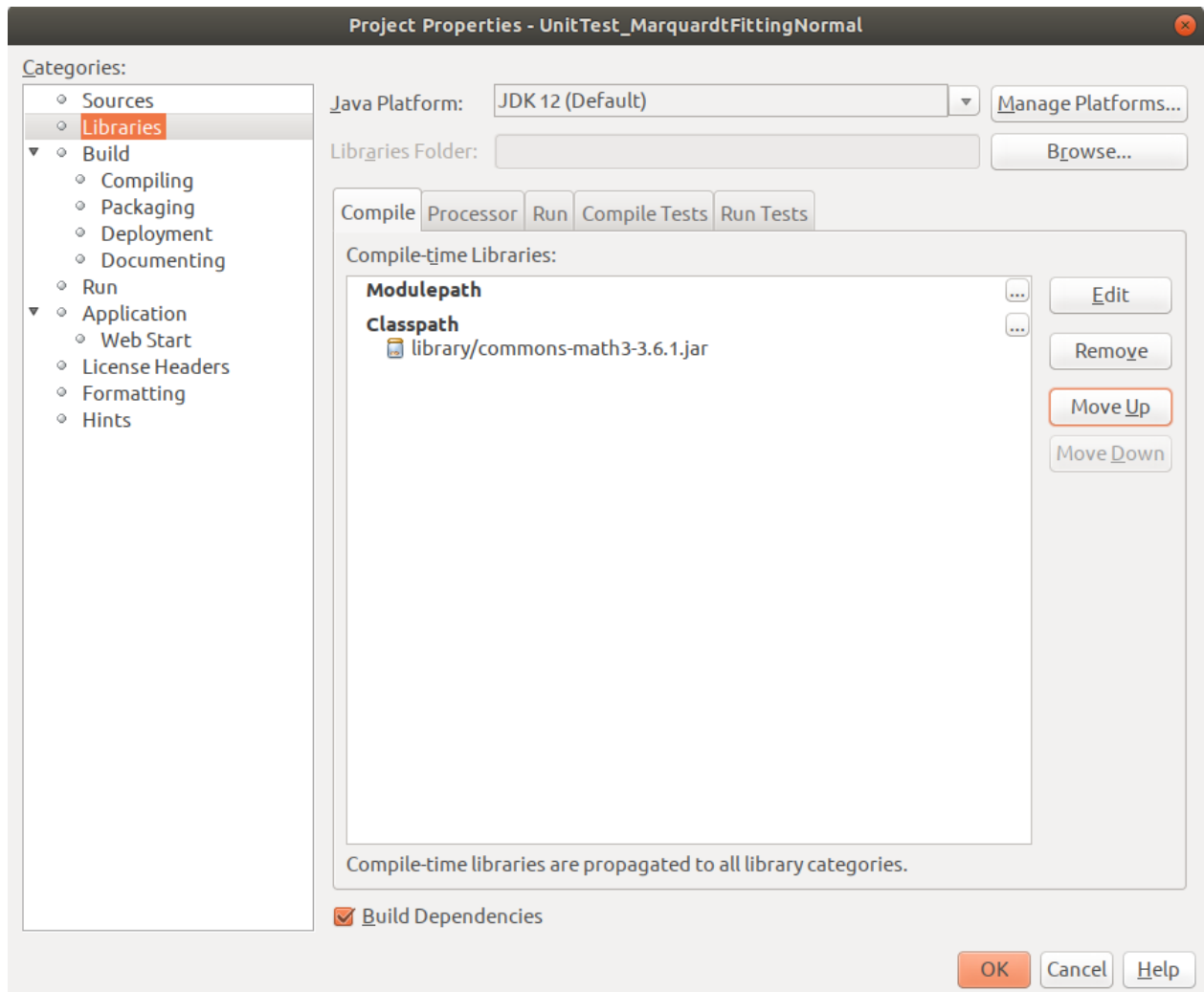
You can download “Commons Math: The Apache Commons Mathematics Library” from <http://commons.apache.org/proper/commons-math/>. This is a very useful library for mathematical, scientific and engineering software development. It has an extensive library from fitting, optimisation, complex number, statistics to Machine Learning.

You should download the packaged library, this is the easiest way to integrate the library with you application. This is usually labelled as the binaries. For v.3.6.1, it is located in http://commons.apache.org/proper/commons-math/download_math.cgi

1. Create a NetBeans project as usual
2. Create a library folder in the NetBeans project to keep your project directory tidy
3. Download the libraries and locate the .jar files.
4. Copy the *.jar. Your directory should be like:



5. Setup your NetBeans project
6. Right click on your NetBeans project and go to Libraries, in the compile tab, add JAR to both the *.jar files. Such that:



7. Make sure you import the package you need in your code. See the example where I use commons math library to do curve fitting to Gaussian (a.k.a. Normal) function using Marquardt method.

End of document.