

## MANAS YAZILIM Compilation Manual

### Compiler and tools:

IntelliJ IDEA 5.0 (or above)  
with JDK 1.5.06

<http://www.jetbrains.com>

<http://java.sun.com>

### Libraries:

1. JGraph (jgraph.jar)
2. iText (itext-1.4.1.jar)
3. Explicit (explicit.jar)
4. XML Packages:
  - xml-apis.jar
  - xmlParserAPIs.jar
  - xercesImpl.jar
  - xercesSamples.jar

<http://www.jgraph.org>

<http://www.lowagie.com/iText/>

<http://www.zookitec.com/explicitlayout.html>

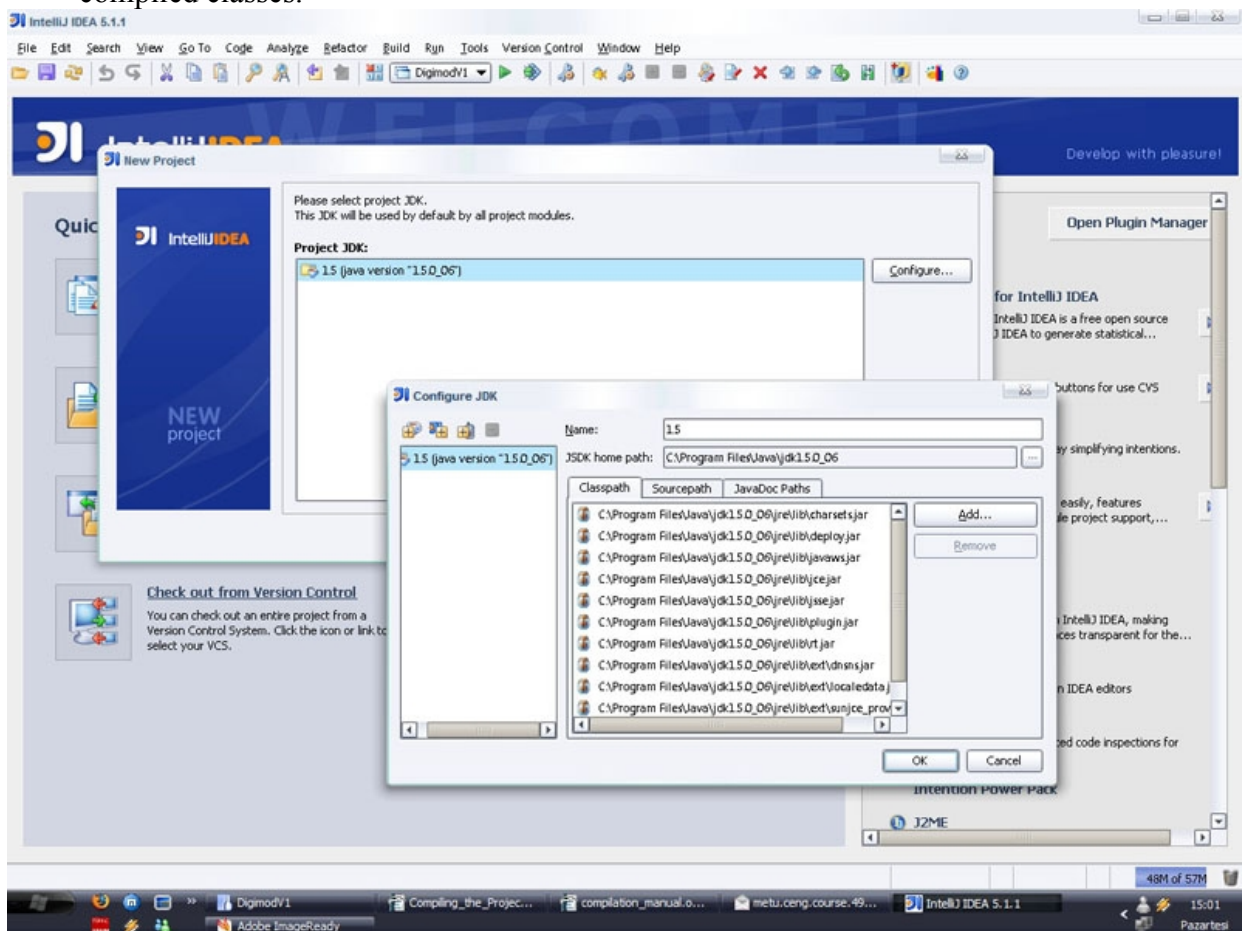
<http://xml.apache.org/>

### Environment:

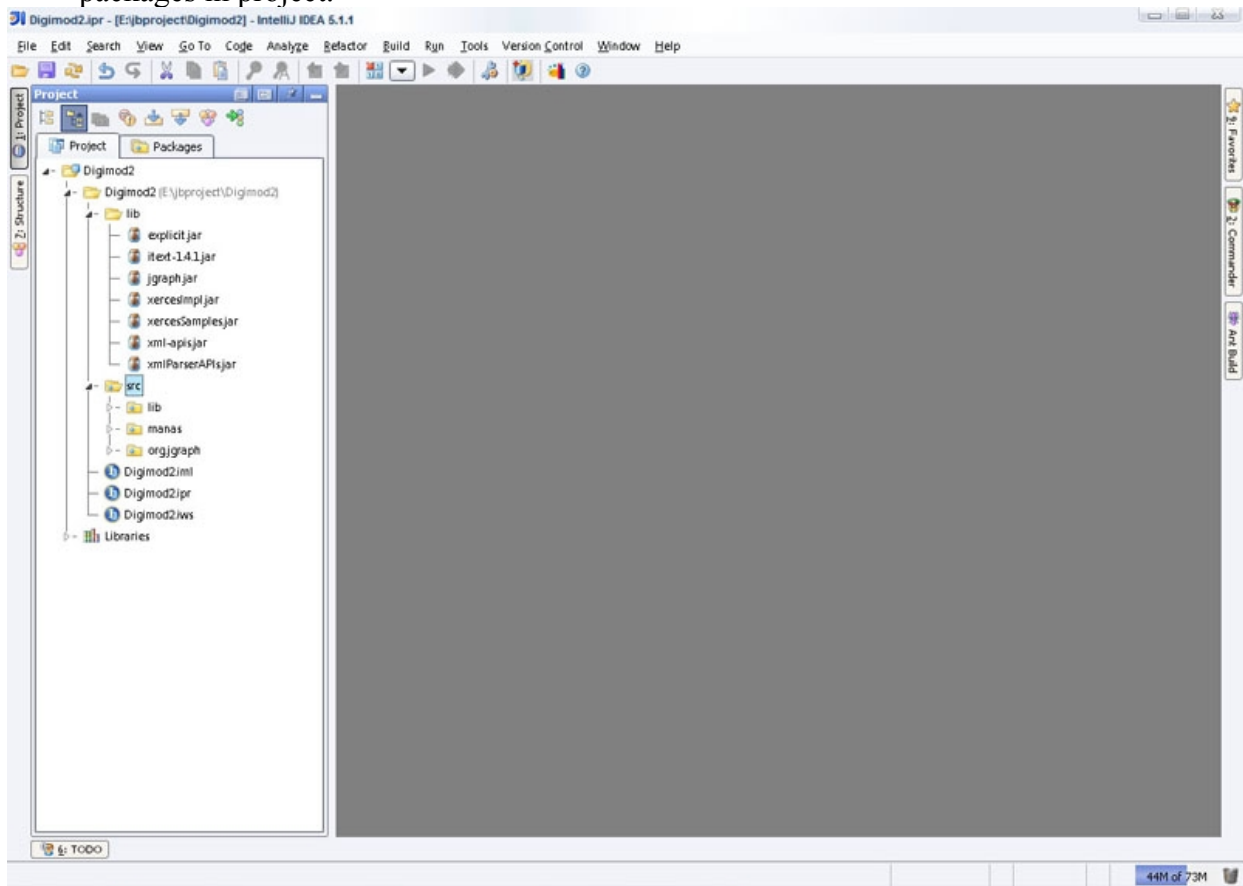
Since Java is designed to be platform independent, Digimod runs in any platforms where Java Virtual Machine exists. JetBrains Company develops IDEA for three platforms (Windows, MAC, Linux) so Manas team had a chance to develop the project under two operating systems. Digimod was extensively tested in Windows XP and Linux. (Suse 10.1 and Fedora Core 4) As a consequence it worked properly.

### Compilation Process:

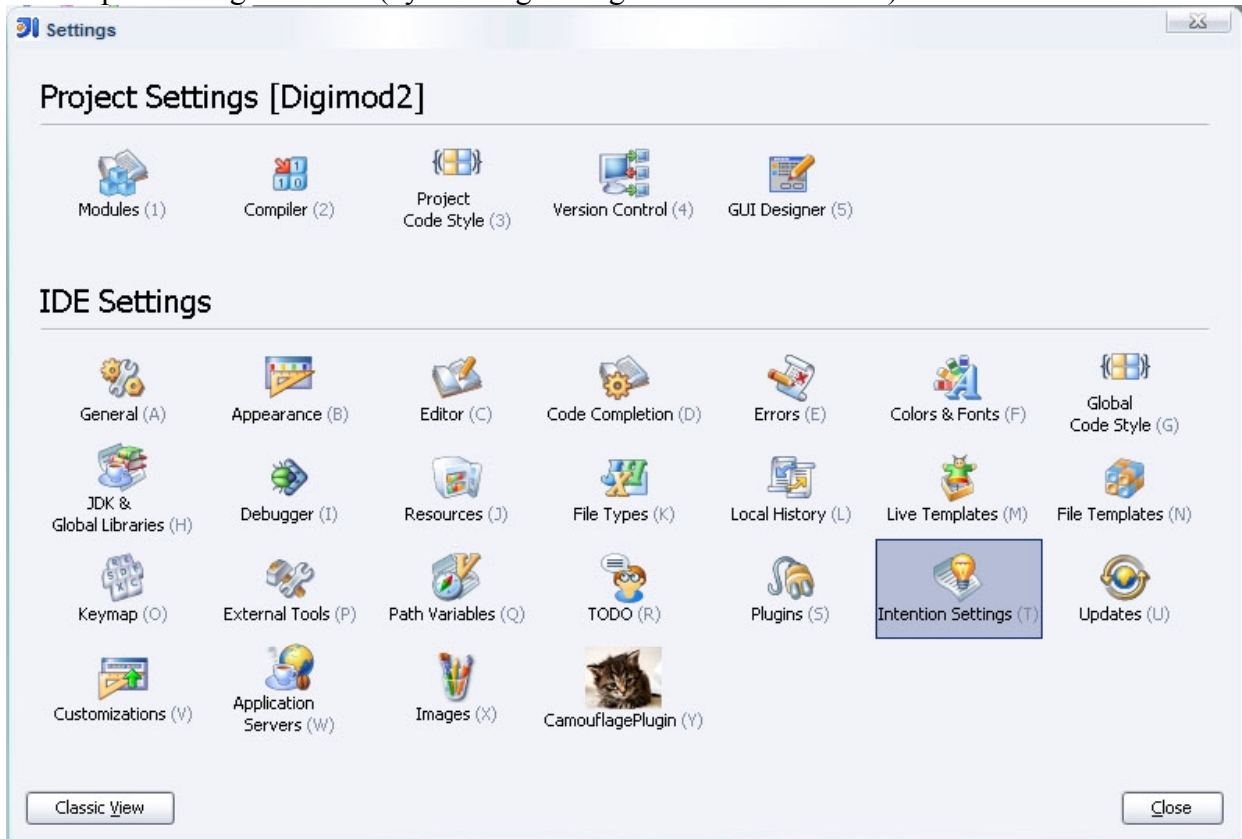
1. Open IDEA and create a new project. During this process it will ask which java library will you use. After that select a single module project and define the path of the source codes and compiled classes.



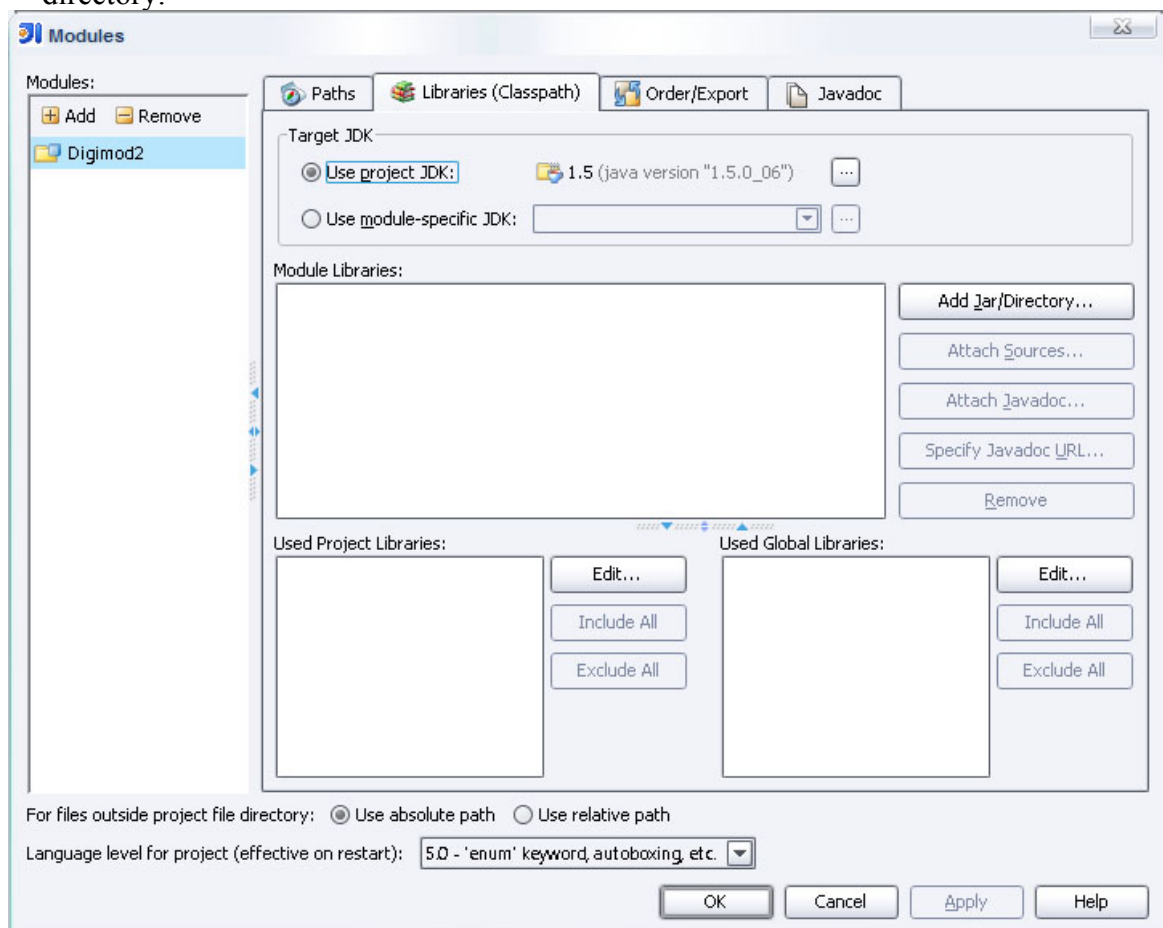
2. Extract Digimod source package (Digimod-src.zip) into source directory, and Digimod library package (library-package.zip) into project directory. IDEA will include extracted packages in project.



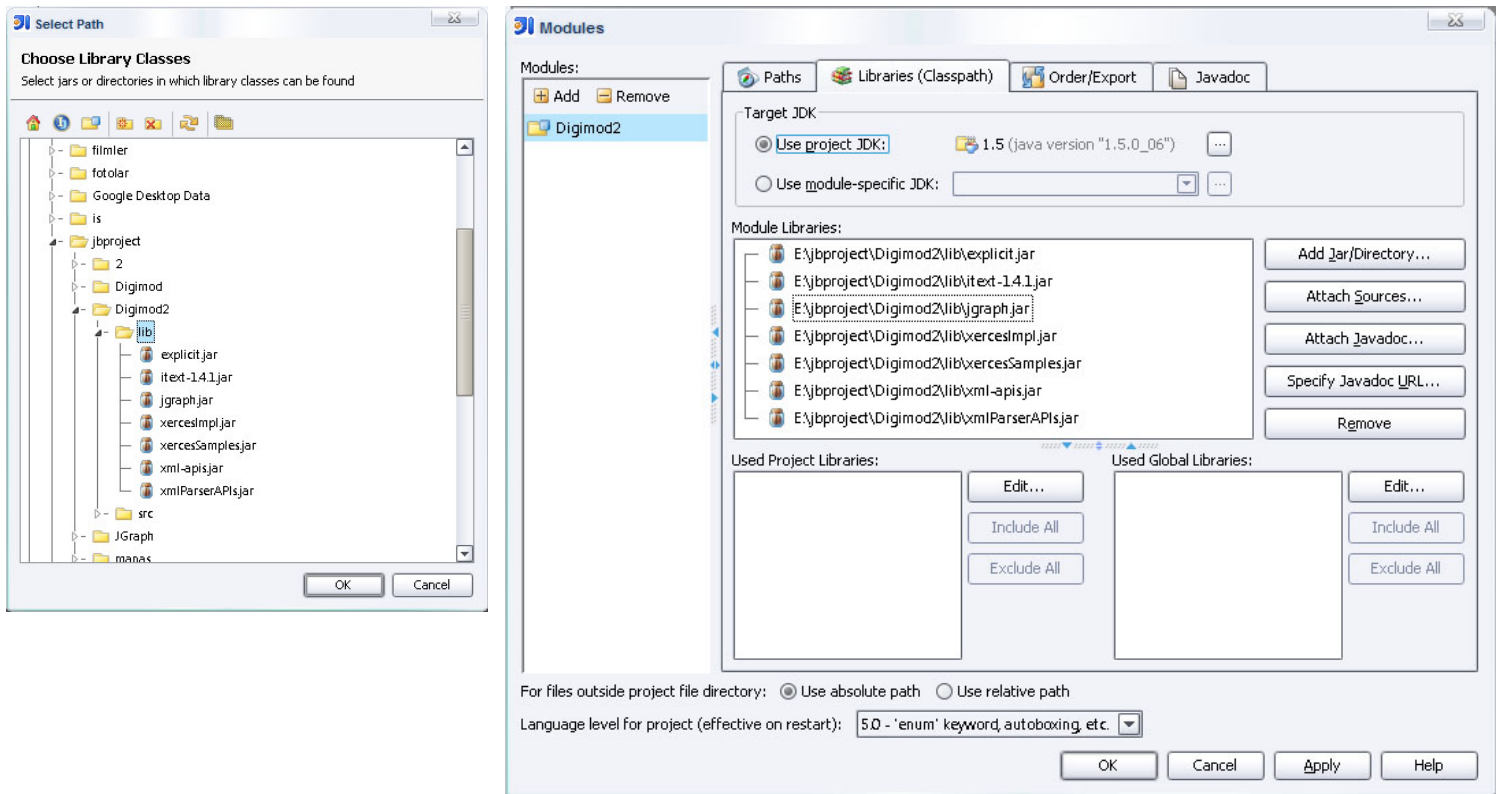
3. Open Settings window (by clicking settings icon or Ctrl+Alt+S) and select Modules.



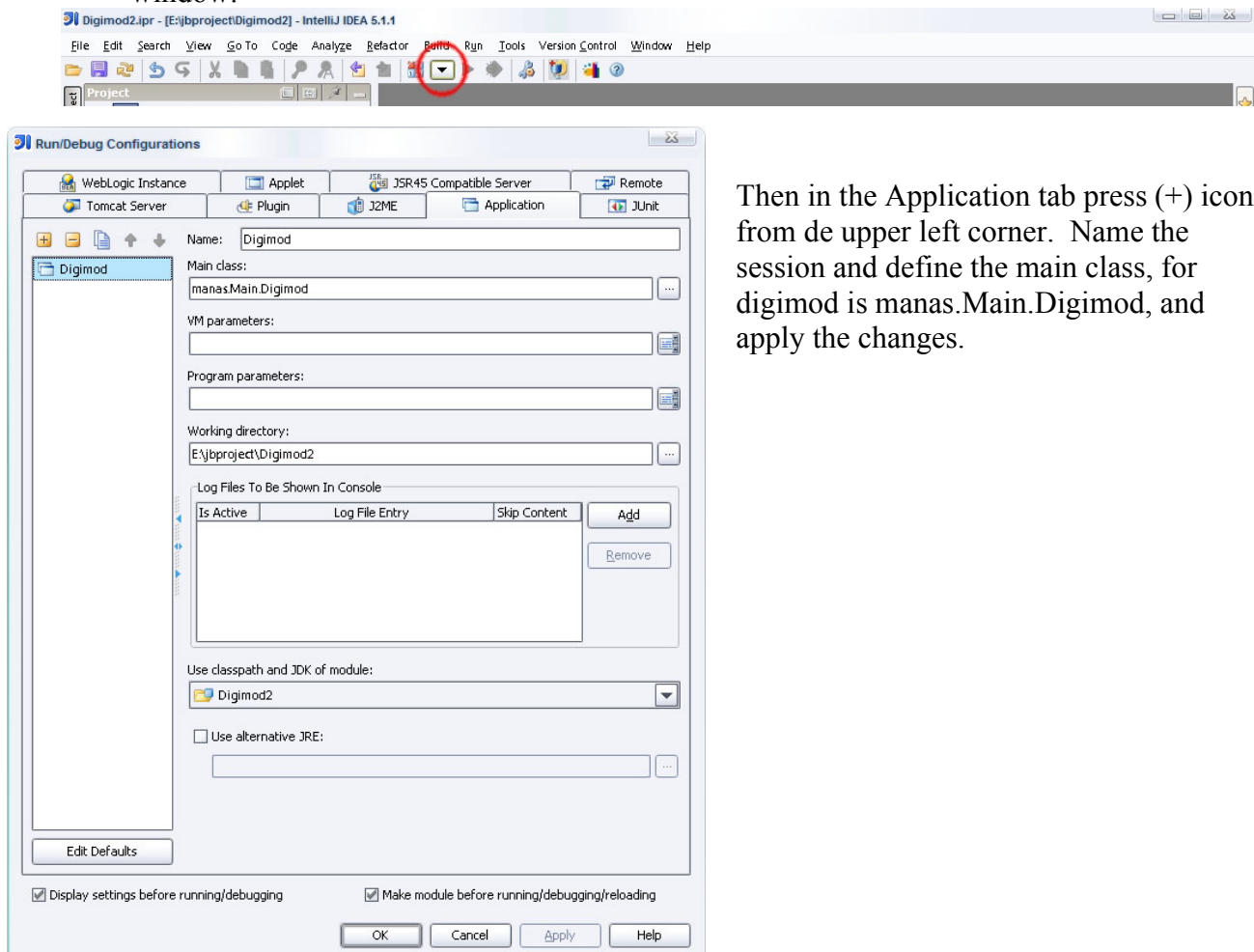
Select Libraries (Classpath) tab and add the lib directory which you extracted into project directory.



Thus the classpath of external libraries which Digimod use are defined.



4. Press the button from toolbar which is shown below. It will open Run/Debug Configuration window.



Then in the Application tab press (+) icon from the upper left corner. Name the session and define the main class, for digimod is manas.Main.Digimod, and apply the changes.

5. The project is ready for compilation and running (Shift+F10)

