Software specifications

Chapter number	Software required (With version)	Free/ Proprietary	Download links to the software	Hardware specifications	OS required
2-10	Open JDK 8	Free	http://www.oracle.com/technetwork/java/javase/downloads/index.html	Dual Core processor or larger recommended. 2 GB of RAM or more recommended	Any of the following: Linux, Mac, Solaris, Windows
2-10	Apache Maven 3.x	Free	http://maven.apache.org/download.cgi	Dual Core processor or larger recommended. 2 GB of RAM or more recommended	Any of the following: Linux, Mac, Solaris, Windows
2-10	Git SCM (any version, latest recommended)	Free	http://git-scm.com/downloads	Dual Core processor or larger recommended. 2 GB of RAM or more recommended	Any of the following: Linux, Mac, Solaris, Windows
7	Spreadsheet reader / editor (Open Office, any version)	Free	http://www.openoffice.org/download/	Dual Core processor or larger recommended. 2 GB of RAM or more recommended	Any of the following: Linux, Mac, Solaris, Windows

Detailed installation steps (software-wise)

Once you follow all the steps in this list, you should be able to compile the code from the book by running "mvn clean install" on the code section folder

1. Open JDK 8:
    a. Go to the download link.
    b. Select the latest Java SE 8 link available
    c. Click on the radio button selecting "Accept the License Agreement"
    d. Select the link that best suits your OS (linux, solaris, windows) and processor architecture (i586, x64)
    e. Save the installer file

      f.   Execute the installer file according to the pre-established patterns for your OS.

      g.   Make sure the JAVA_HOME environment variable points to the JDK installation folder selected during step f

      h.   Make sure the PATH environment variable contains the JAVA_HOME/bin path

      i.   Restart your system if requested

2. Apache Maven 3.x:
   a. Go to the download link
   b. Select the link apache-maven-3.3.9-bin.zip and save it
   c. Unzip the saved file
   d. Make sure the MAVEN_HOME environment variable points to the unzipped folder
   e. Make sure the PATH environment variable contains the MAVEN_HOME/bin path

3. Git SCM:
   a. Go to the download link
   b. Select your specific OS
   c. Save the installer that will start downloading automatically
   d. Execute the installer file according to the pre-established patterns for your OS
   e. Open an editor where you will be able to use the "git" command:
      i. In Windows, open the Git Bash
      ii. In Linux, directly from any Terminal
      iii. In Solaris, directly from any Terminal

4. Open Office
   a. Go to the download link
   b. Select the specific OS and preferred Language (leave the version as is)
   c. Click on "Download full installation"
   d. Wati for the download link and save the file
   e. Double click on the file once downloaded and follow the installation steps as specified in the installer.