# Software specifications

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| Chapter number | Software required (With version) | Free/Proprietary | If proprietary, can code testing be performed using a trial version | If proprietary, then cost of the software | Download links to the software | **Hardware specifications** | OS required |
| 1 | Visual Studio 2013 | Proprietary | Yes | Varies | https://www.visualstudio.com/en-us/downloads/download-visual-studio-vs.aspx |  | Windows |
| 1 | Google Chrome | Free | N/A |  | http://www.google.com/chrome/ |  | Windows, Mac OS X |
| 1 | Oracle Java SE 8 | Free |  |  | http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html |  | Windows, Mac OS X |
| 1 | Perl | Free | N/A |  | <http://www.cpan.org/> |  | Windows, Mac OS X, Linux |
| 1 | Python 2.6 or greater | Free | N/A |  | <http://www.python.org/> |  | Windows, Mac OS X, Linux |
| 2 | Clojure | Free |  |  | <http://clojure.org> |  | Windows, Mac OS X, Linux |
| 2 | Visual Studio Express | Free | N/A |  | <https://www.visualstudio.com/en-us/downloads/download-visual-studio-vs.aspx> |  | Windows |
| 2 | Node.js | Free |  |  | http://nodejs.org |  | Windows, Mac OS X, Linux |
| 2 | PHP | Free |  |  | <http://php.net> |  | Windows, Mac OS X, Linux |
| 2 | Ruby 1.9.2 and on | Free |  |  | <http://www.ruby-lang.org/> |  | Windows, Mac OS X, Linux |
| 3 | Node.js | Free |  |  | http://nodejs.org |  | Windows, Mac OS X, Linux |
| 3 | Google Chrome | Free | N/A |  | http://www.google.com/chrome/ |  | Windows, Mac OS X |
| 4 | Node.js | Free |  |  | http://nodejs.org |  | Windows, Mac OS X, Linux |
| 4 | Google Chrome | Free | N/A |  | http://www.google.com/chrome/ |  | Windows, Mac OS X |
| 4 | AngularJS | Free | N/A |  | <http://angularjs.org> |  | Web platforms |
| 4 | jQuery | Free | N/A |  | <http://jquery.com> |  | Web platforms |
| 5 | MongoDB 2.6.7 | Free |  |  | <http://www.mongodb.org/> |  | Windows, Mac OS X, Linux |
| 6 | CouchDB | Free |  |  | <http://couchdb.apache.org> |  | Windows, Mac OS X, Linux |
| 7 | Json.NET | Free |  |  | NuGet --- see chapter for instructions |  | Windows |
| 7 | Typescript on Node.js | Free |  |  | Npm --- see chapter for instructions |  | Windows, Linux |
| 8 | Json.NET | Free |  |  | NuGet --- see chapter for instructions |  | Windows |
| 8 | Node.js | Free |  |  | http://nodejs.org |  | Windows, Mac OS X, Linux |
| 9 | N/A |  |  |  |  |  |  |
| 10 | XCode | Free |  |  | http://developer.apple.com |  | Mac OS X |
| 10 | Android Studio | Free |  |  | http://developer.android.com |  | Mac OS X, Windows |
| 10 | Qt 5.x | Free |  |  | <http://www.qt.io> |  | Mac OS X, Windows |

# Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

* 1. For each of the environments, follow the download instructions, and then follow the module installation instructions in the relevant recipe.