# 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 |
| 2 | Node.js | Open Source | N/A | N/A | http://nodejs.org |  | Windows, Linux, Mac OS X, etc |
| 2 | Nvm | Open Source | N/A | N/A | https://github.com/creationix/nvm |  | Linux, Mac OS X, etc |
| 2 | Npm | Open Source | N/A | N/A | http://nodejs.org |  | Windows, Linux, Mac OS X, etc |
| 4 | Express | Open Source | N/A | N/A | http://expressjs.org |  | Windows, Linux, Mac OS X, etc |
| 6 | Bootstrap | Open Source | N/A | N/A | http://getbootstrap.com |  | Windows, Linux, Mac OS X, etc |
| 7 | LevelUP | Open Source | N/A | N/A | https://www.npmjs.com/package/levelup |  | Windows, Linux, Mac OS X, etc |
| 7 | SQLite3 | Open Source | N/A | N/A | https://www.sqlite.org/ |  | Windows, Linux, Mac OS X, etc |
| 7 | MySQL | Open Source | N/A | N/A | http://mysql.com |  | Windows, Linux, Mac OS X, etc |
| 7 | Sequelize | Open Source | N/A | N/A | http://sequelizejs.com |  | Windows, Linux, Mac OS X, etc |
| 7 | MongoDB | Open Source | N/A | N/A | https://www.mongodb.org/ |  | Windows, Linux, Mac OS X, etc |
| 8 | PassportJS | Open Source | N/A | N/A | http://www.passportjs.org/ |  | Windows, Linux, Mac OS X, etc |
| 8 | Restify | Open Source | N/A | N/A | http://restify.com/ |  | Windows, Linux, Mac OS X, etc |
| 9 | Socket.IO | Open Source | N/A | N/A | http://socket.io/ |  | Windows, Linux, Mac OS X, etc |
| 10 | PM2 | Open Source | N/A | N/A | http://pm2.keymetrics.io/ |  | Linux, Mac OS X, etc |
| 10 | Docker | Open Source | N/A | N/A | https://www.docker.com/ |  | Windows, Linux, Mac OS X, etc |
| 11 | Mocha | Open Source | N/A | N/A | http://mochajs.org/ |  | Windows, Linux, Mac OS X, etc |
| 11 | Chai | Open Source | N/A | N/A | http://chaijs.com/ |  | Windows, Linux, Mac OS X, etc |
| 11 | CasperJS | Open Source | N/A | N/A | http://casperjs.org/ |  | Windows, Linux, Mac OS X, etc |
| 11 | PhantomJS | Open Source | N/A | N/A | http://phantomjs.org/ |  | Windows, Linux, Mac OS X, etc |

# 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.

Installation for everything is described in the book at the correct location. For many of the packages it is:

$ npm install whatever

In all cases the corresponding website documents the install procedure.