

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	NodeJS and NPM	Free	Yes	free	https://nodejs.org/en/blog/release/v0.12.7/	256 MB Ram and more, with as little as 1 core.	Windows or any platform, every platform installer is available to download
2.	Firebase	Free	Yes	Free	https://console.firebase.google.com	No installation required	No installation required

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. NodeJS and NPM:

Installing Node and NPM

First we need to download and install the node if you have already installed and configured Node, feel free to skip this section. We can download Node.js from <http://nodejs.org> and follow the instructions mentioned here:

- Download the installer for your operating system from <http://nodejs.org/>. Nodejs provides different installer as per your platform. In this chapter, we will use the windows installer to setup



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Downloads

Latest LTS Version: v6.9.1 (includes npm 3.10.8)


Download the Node.js source code or a pre-built installer for your platform, and start developing today.

LTS

Recommended For Most Users


Current

Latest Features




Windows Installer

node-v6.9.1-x86.msi



Macintosh Installer

node-v6.9.1.pkg



Source Code

node-v6.9.1.tar.gz

Windows Installer (.msi)

Windows Binary (.exe)

macOS Installer (.pkg)

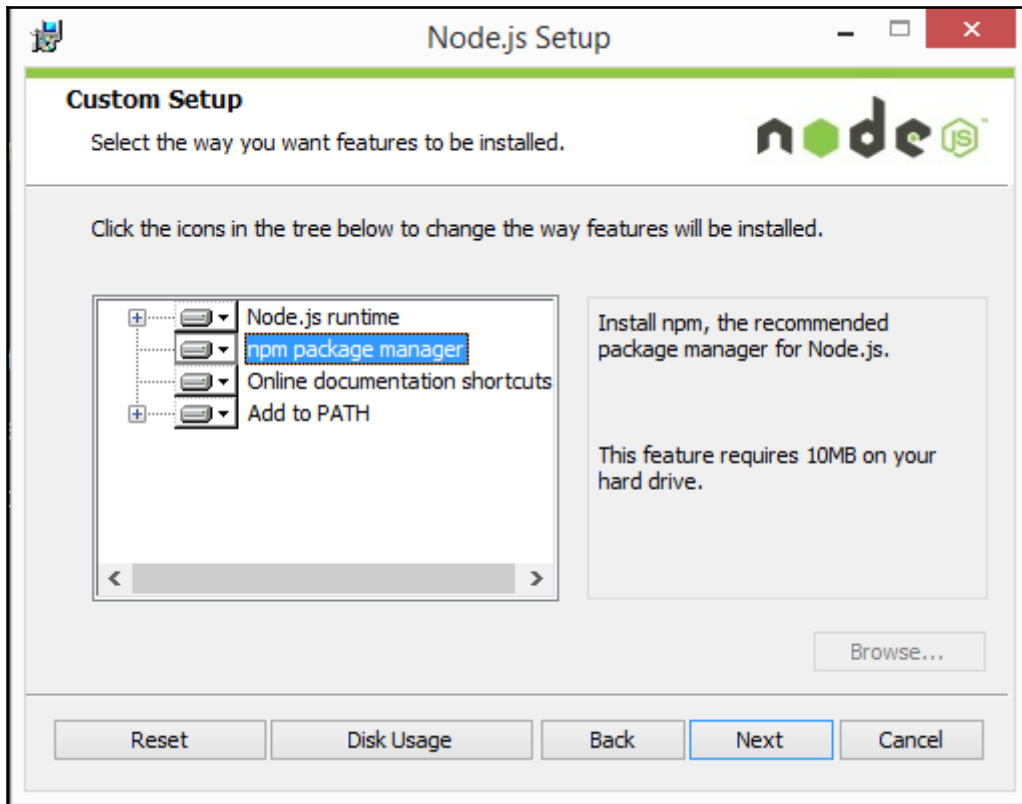
macOS Binaries (.tar.gz)

Linux Binaries (x86/x64)

Linux Binaries (ARM)

32-bit	64-bit
32-bit	64-bit
64-bit	
64-bit	
32-bit	64-bit
ARMv6	ARMv7
	ARMv8

- We can also download the previous release of node version <https://nodejs.org/en/download/releases/>. In this chapter we are using node.js 8.9.2 branch make sure you downloading the latest version of node 8+
- Run the installer and the MSI file that we downloaded.
- The installer wizard will ask for your choice of features to be installed, you can select as per your choice. Usually, we install with default complete installation as per choices selected:



- If the installation asks for the system restart, then restart your computer.
- Once the system is restarted, we can check whether Node.js was set up properly or not.
- Open the command prompt and run the following command:
 - `node --version` // will result something like v8.9.2

You should be able to see the version information, which ensures that the installation was successful.