

Software specifications

Chapter number	Software required (With version)	Free/Proprietary	Download links to the software	Hardware specifications	OS required
1	NodeJS 6.x	free	https://nodejs.org/en/download/	Common frontend dev machine	any
1	WebStorm	free (for open source projects, students and teachers, education and training)	https://jetbrains.com/webstorm/download		
1	Seed project	free	https://github.com/angular/angular2-seed.git		
3	Firebase	free	https://console.firebase.google.com		
6	CSE	free (limited quota)	https://cse.google.com/cse/		
6	VisJS	free	https://github.com/seveves/ng2-vis		

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:

```
$ sudo apt-get update
```

```
$ sudo apt-get install nodejs
```

```
$ sudo apt-get install npm
```

2. WebStorm

download and extract the package from this link: <https://jetbrains.com/webstorm/download>

The unpacked files contain the executables (no installations are required)

3. Seed project

download/clone the code from <https://github.com/angular/angular2-seed.git> and then run:

```
$ npm install
```

That will install all required dependencies for this project

4. Firebase

Firebase is a cloud service and no installation is required. Just create an account here: <https://console.firebase.google.com> and login to the dashboard for using it.

5. Google Custom Search Engine (CSE)

CSE is a cloud service and no installation is required. Just create an account here: <https://cse.google.com/cse> and login to the dashboard for using it.

6. VisJS

Install the node package ng2-vis to use this graphing library:

```
$ npm install ng2-vis
```