

Angular Machine Set UP Guide - Step by step configuration

VERSION CONTROL

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Date:	6/10/2015
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Date:	7/10/2015
Approved by:	Baskaran Varadarajan, Soundararajan Das
Date:	28/12/2015

VERSION HISTORY

Date	Version	Author	Description
06/02/2016	0.1	Aswin	Initial draft
7/06/2016	1.0	Baskaran, Varadarajan	Final

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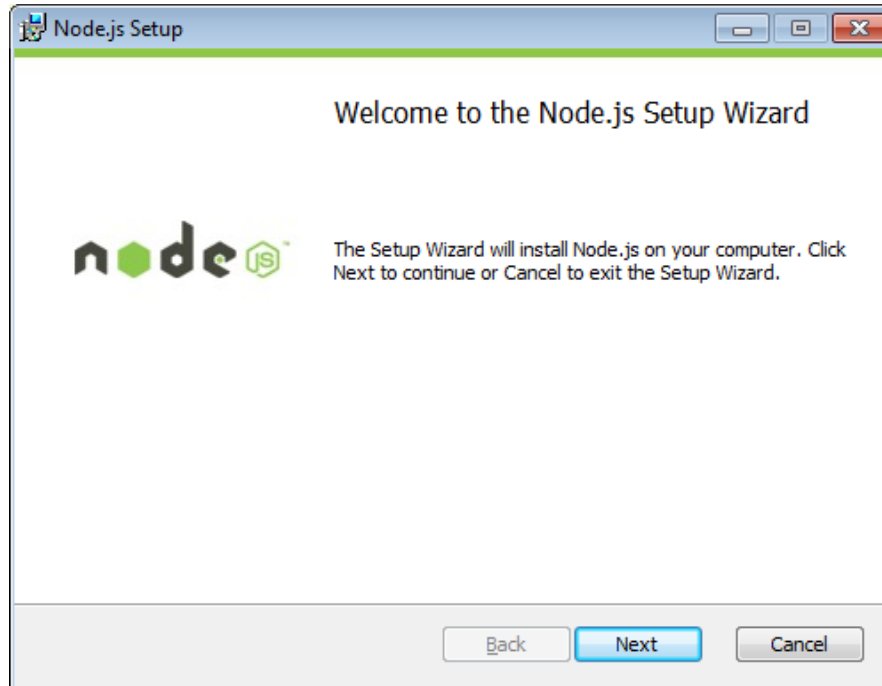
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1. DEVELOPMENT TOOL LIST

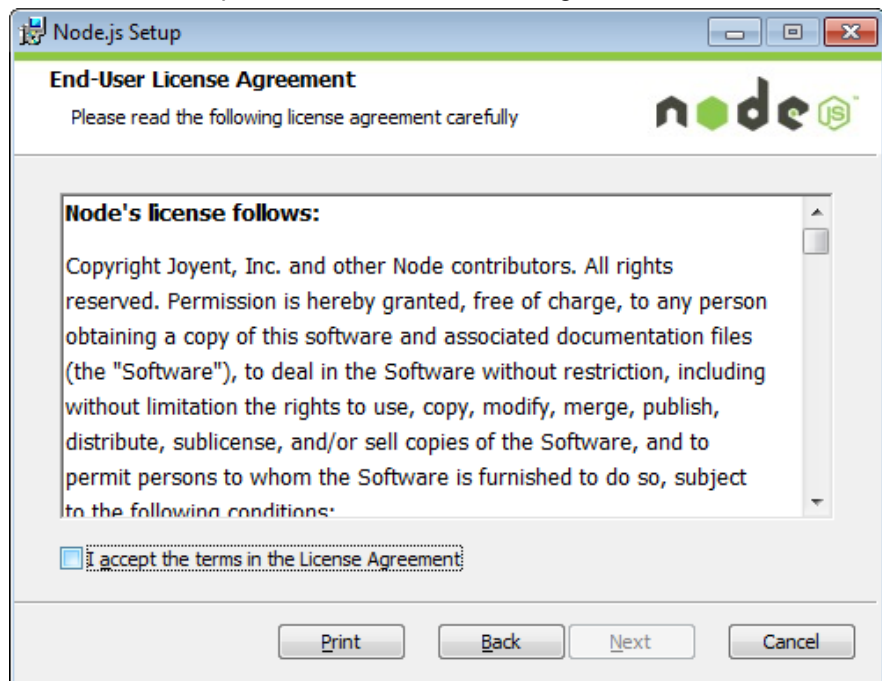
Tool Name	Version	Download Url
WebStorm	9.0.0	https://www.jetbrains.com/webstorm/
NodeJS	0.10.32 (64 bit)	http://nodejs.org/dist/v0.10.32/x64/node-v0.10.32-x64.msi

2. INSTALL AND CONFIGURE NODEJS

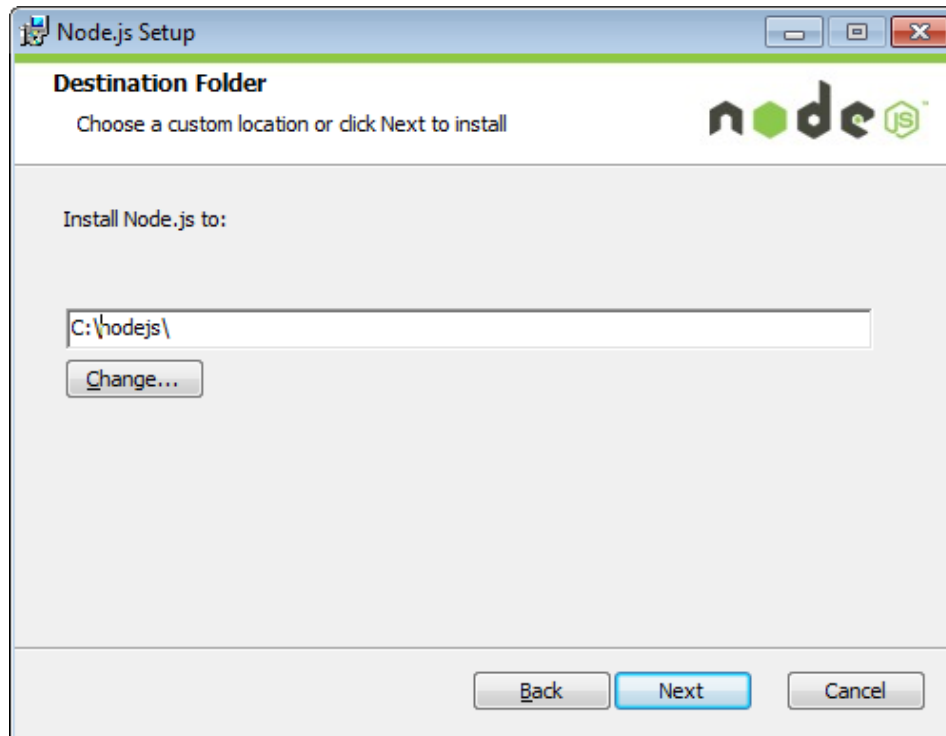
1. Download the correct version from download url
2. Run the installer as Administrator
3. Click on "Next"



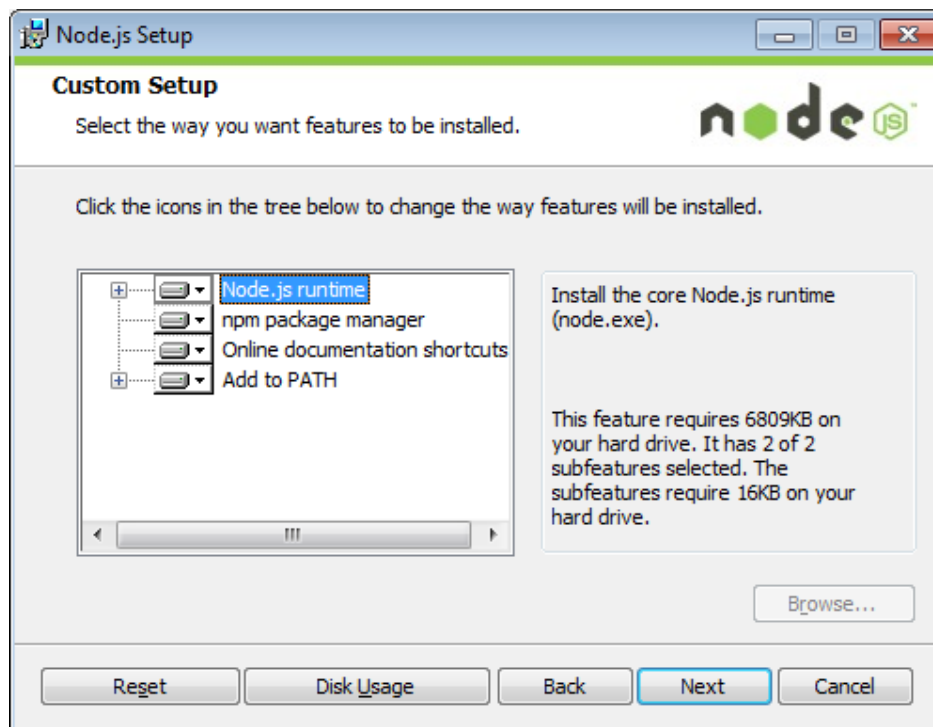
4. Check "I accept the terms in the License Agreement" and Click on "Next"



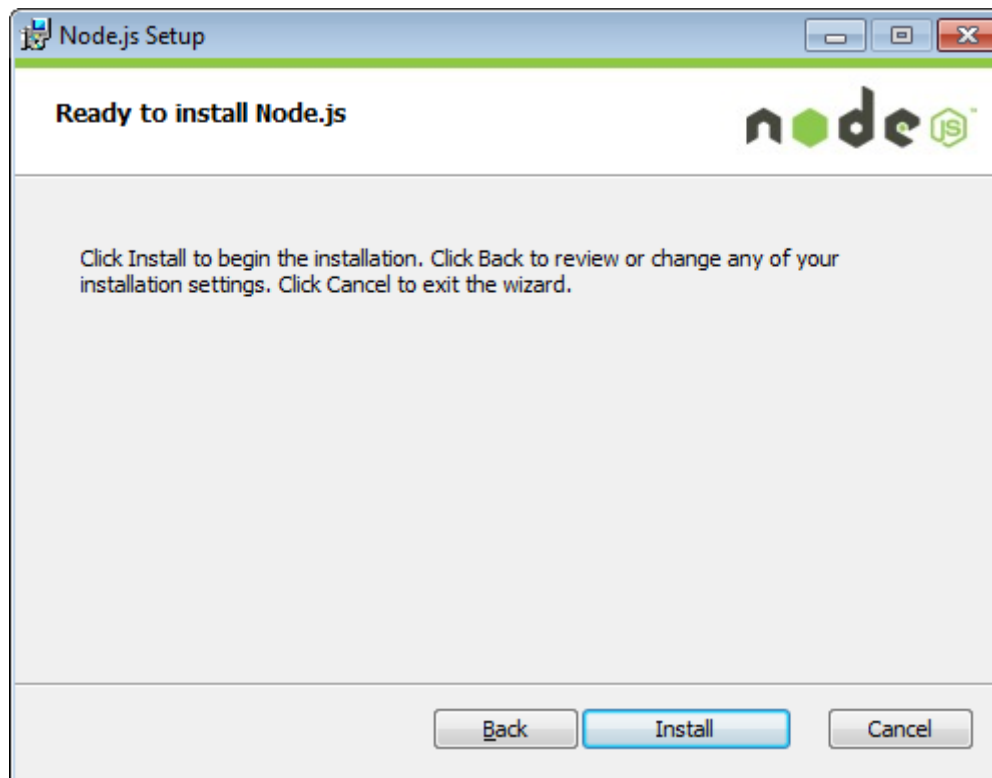
5. Set the install directory to "C:\nodejs\" and Click on "Next"



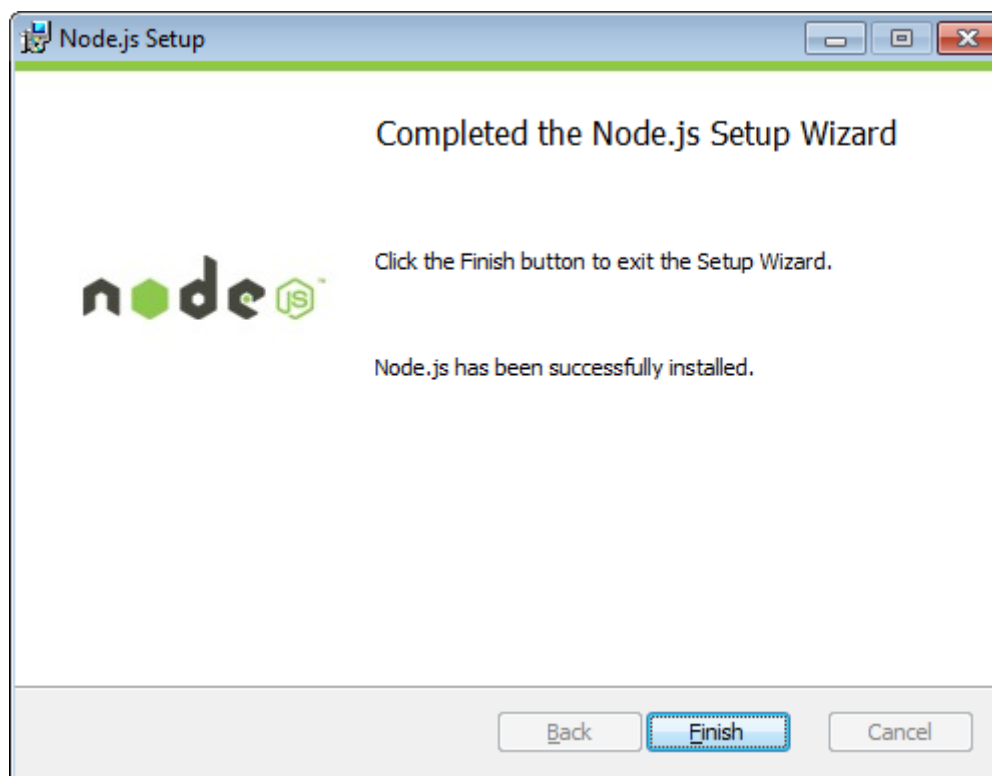
6. Click on "Next"



7. Click on "Install"



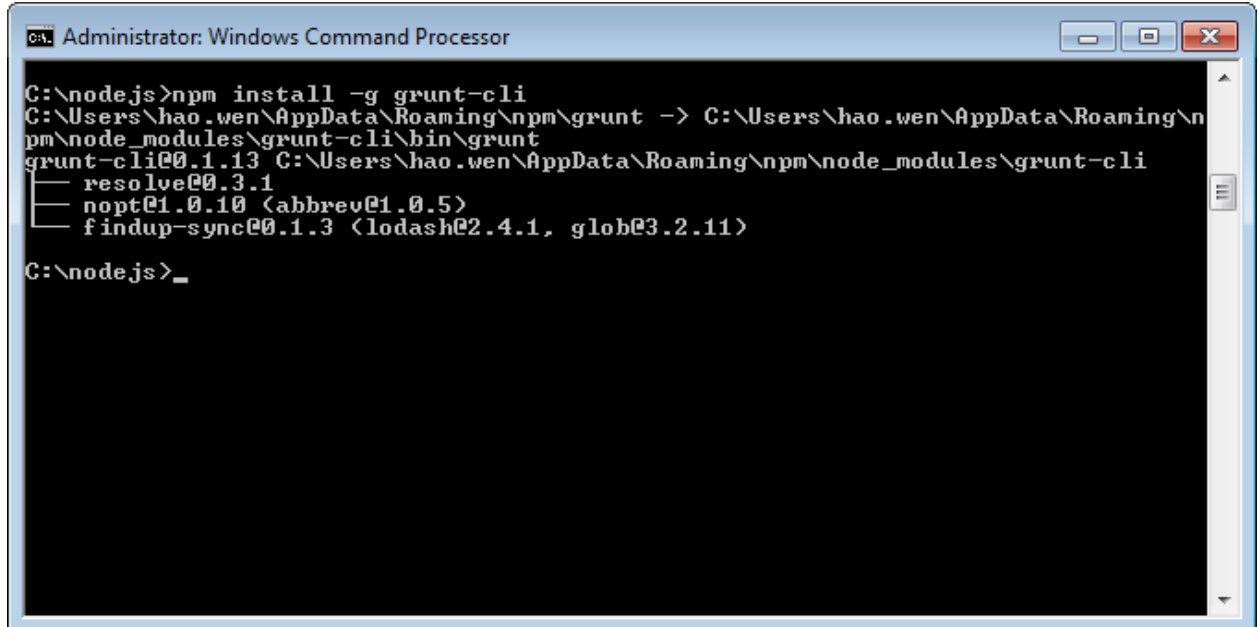
8. Click on "Finished"



3. INSTALL NODEJS GLOBAL PACKAGES

1. Execute below command:

`npm install -g grunt-cli`



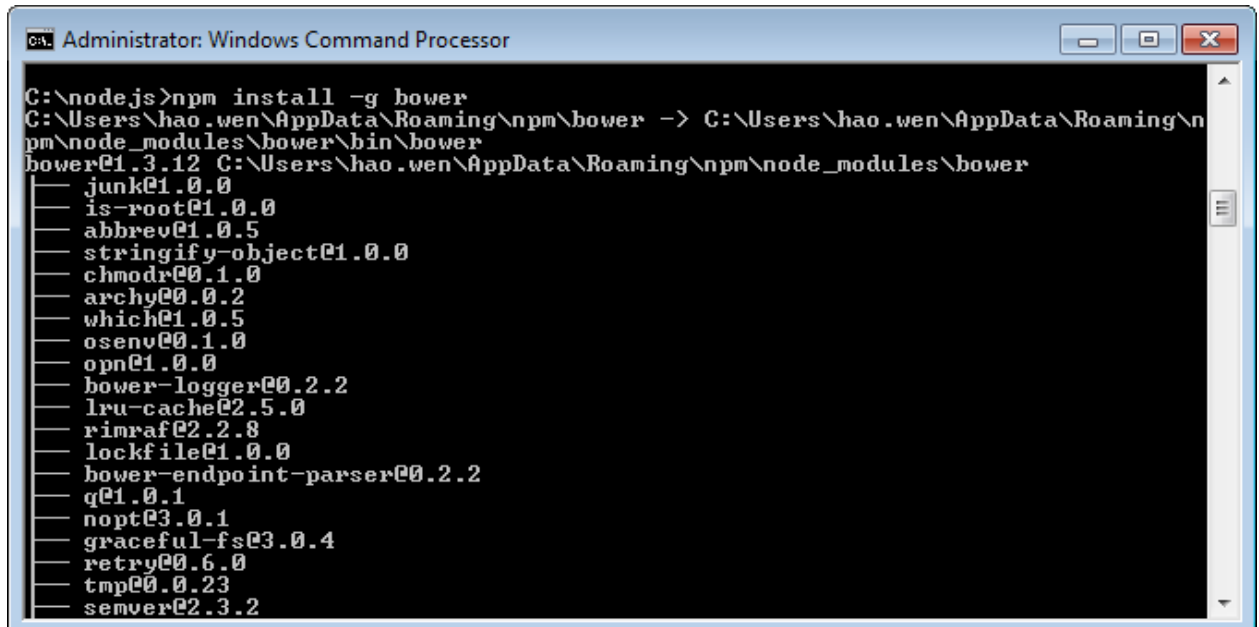
```
Administrator: Windows Command Processor

C:\nodejs>npm install -g grunt-cli
C:\Users\hao.wen\AppData\Roaming\npm\grunt -> C:\Users\hao.wen\AppData\Roaming\npm\node_modules\grunt-cli\bin\grunt
grunt-cli@0.1.13 C:\Users\hao.wen\AppData\Roaming\npm\node_modules\grunt-cli
├── resolve@0.3.1
├── nopt@1.0.10 <abbrev@1.0.5>
└── findup-sync@0.1.3 <lodash@2.4.1, glob@3.2.11>

C:\nodejs>_
```

2. Execute below command:

`npm install -g bower`



```
Administrator: Windows Command Processor

C:\nodejs>npm install -g bower
C:\Users\hao.wen\AppData\Roaming\npm\bower -> C:\Users\hao.wen\AppData\Roaming\npm\node_modules\bower\bin\bower
bower@1.3.12 C:\Users\hao.wen\AppData\Roaming\npm\node_modules\bower
├── junk@1.0.0
├── is-root@1.0.0
├── abbrev@1.0.5
├── stringify-object@1.0.0
├── chmodr@0.1.0
├── archy@0.0.2
├── which@1.0.5
├── osenv@0.1.0
├── opn@1.0.0
├── bower-logger@0.2.2
├── lru-cache@2.5.0
├── rimraf@2.2.8
├── lockfile@1.0.0
├── bower-endpoint-parser@0.2.2
├── q@1.0.1
├── nopt@3.0.1
├── graceful-fs@3.0.4
├── retry@0.6.0
├── tmp@0.0.23
└── semver@2.3.2
```


4. INSTALL AND CONFIGURE WEBSTORM

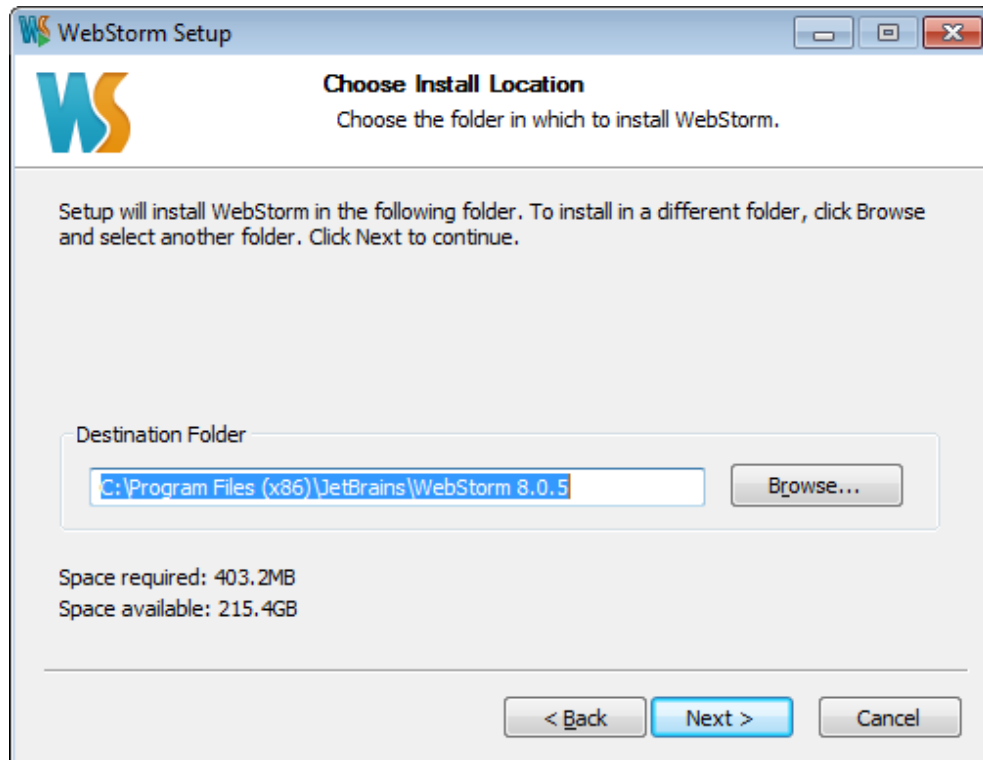
1. Download the correct version from download url
2. Run the installer as Administrator
3. Click on "Next"



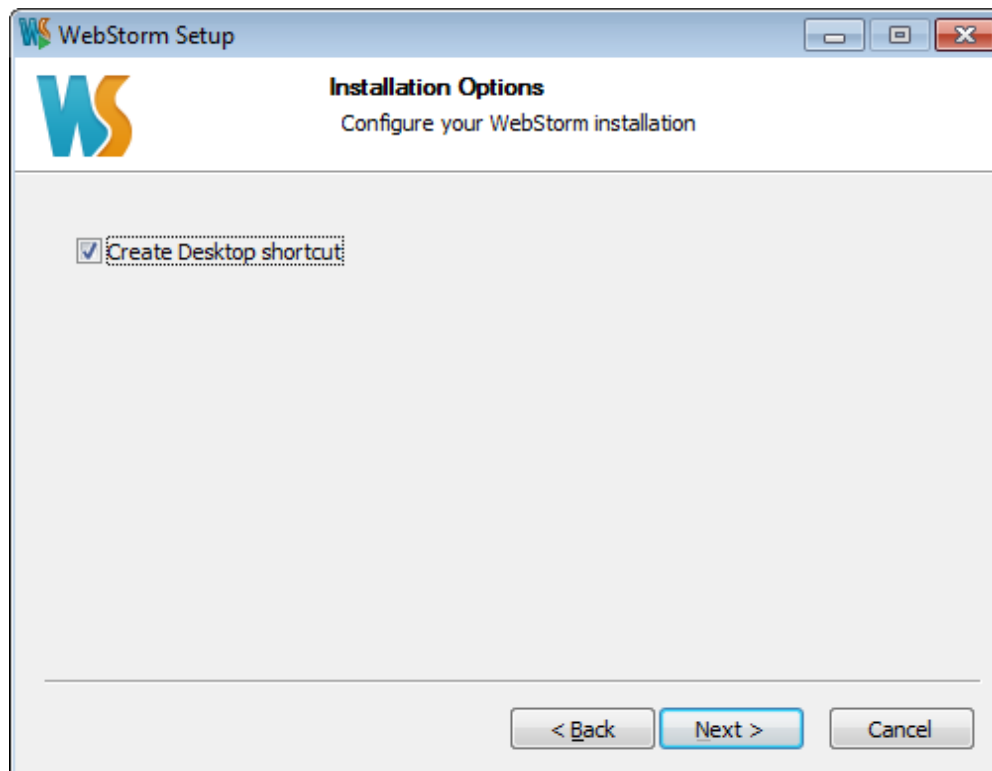
4. Click on "I Agree"



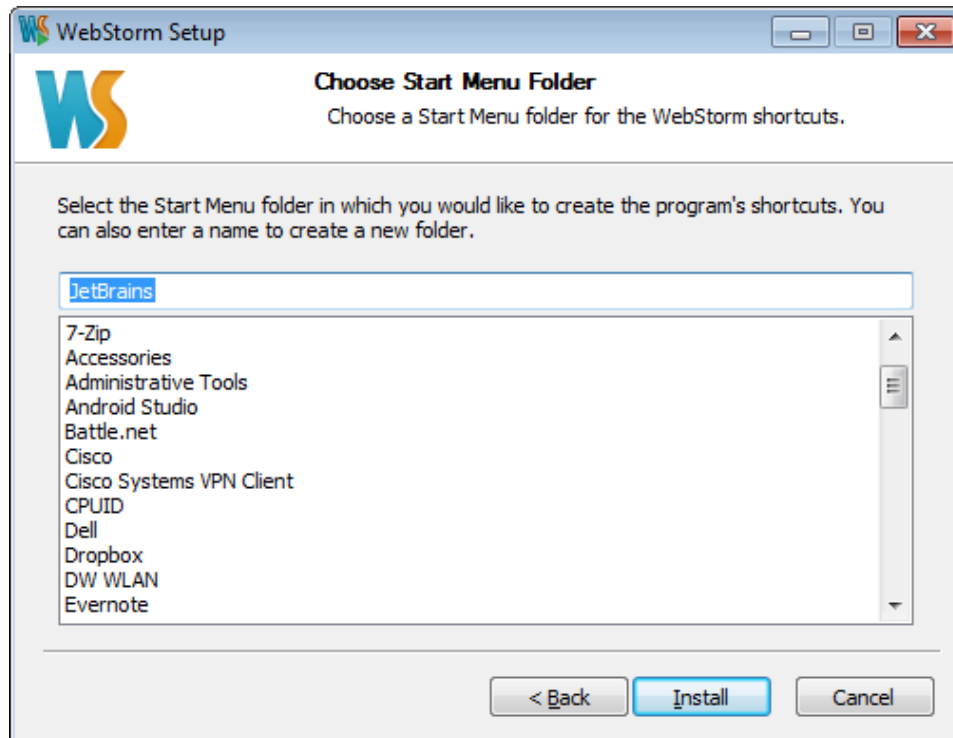
5. Click on "Next"



6. Click on "Next"



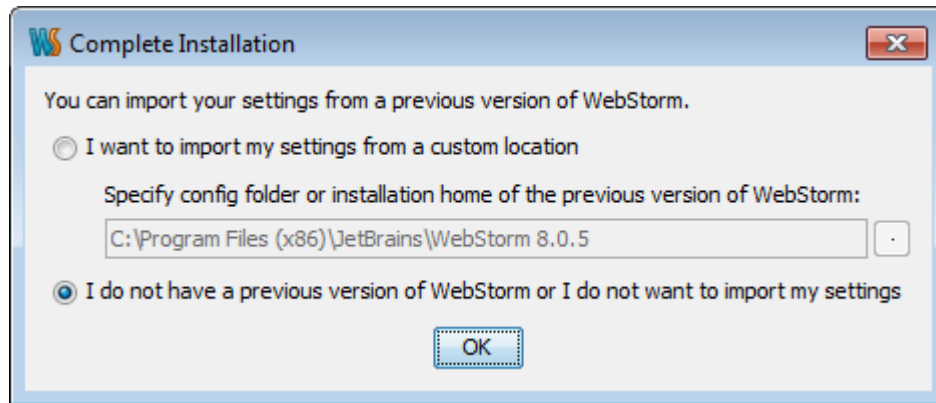
7. Click on "Install"



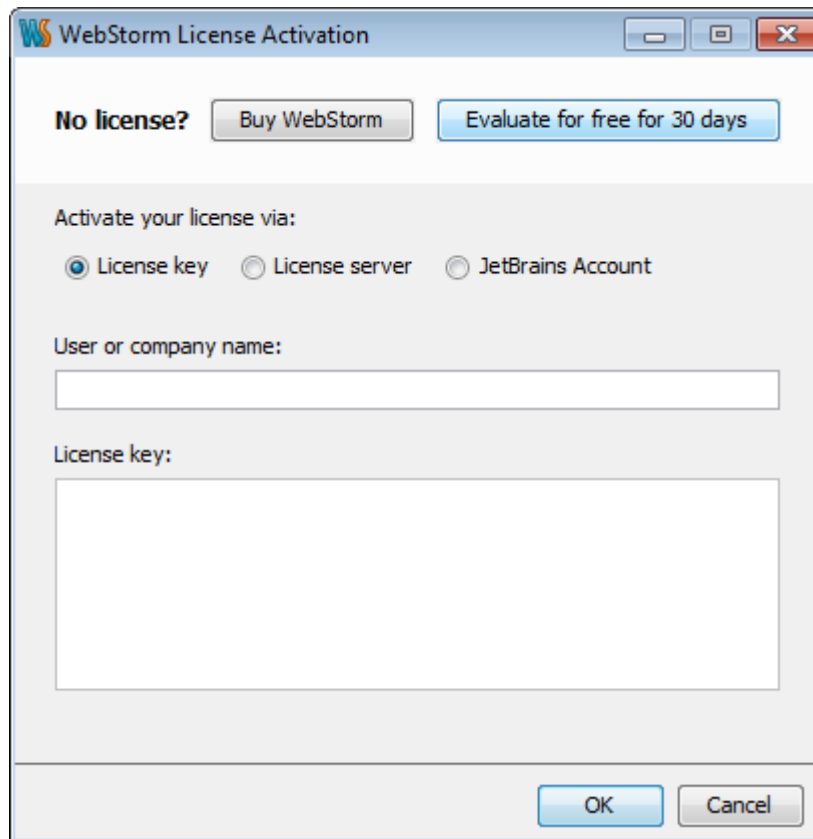
8. Click on “Finish”



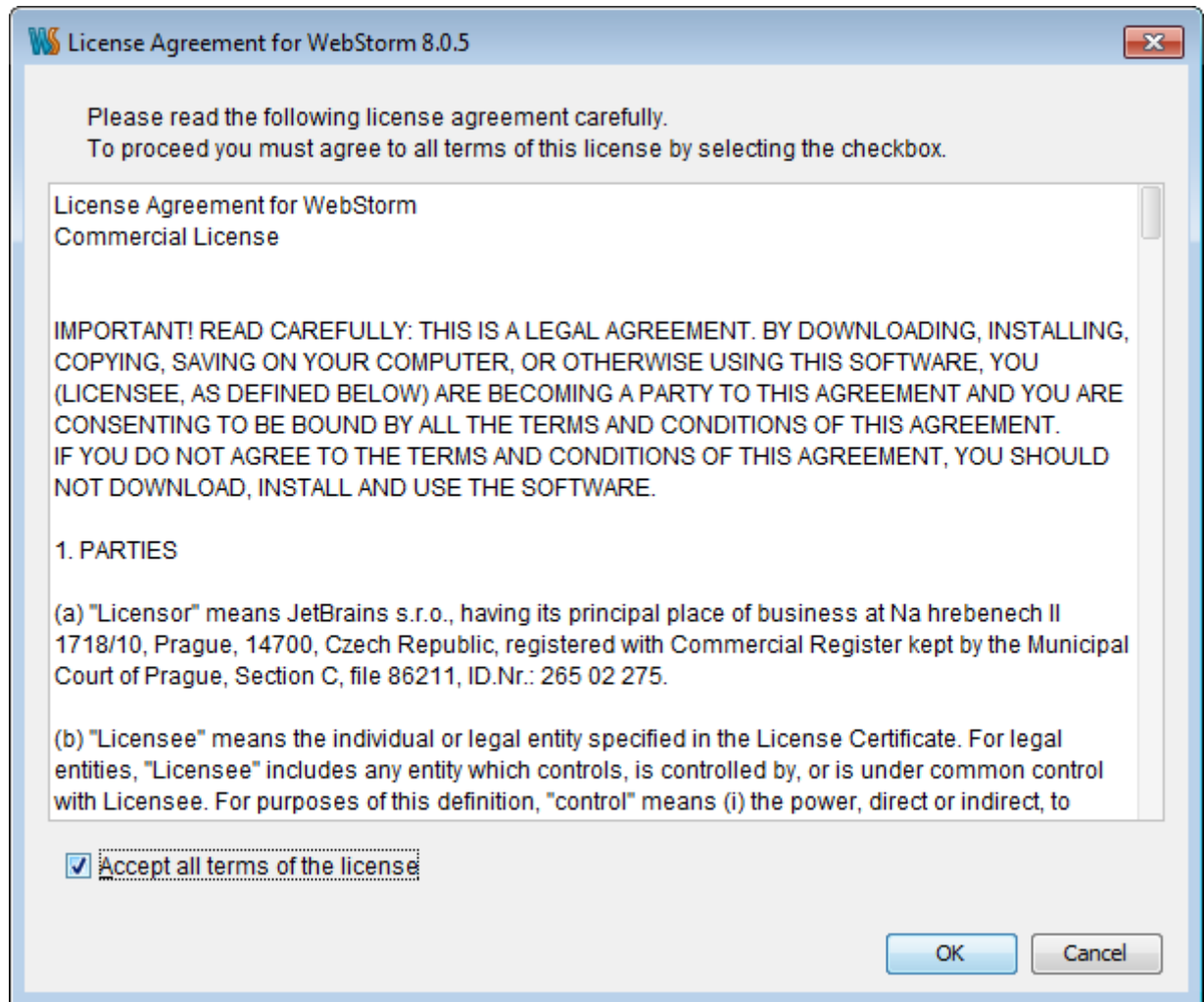
9. Select whichever option suits your case and click on “OK”



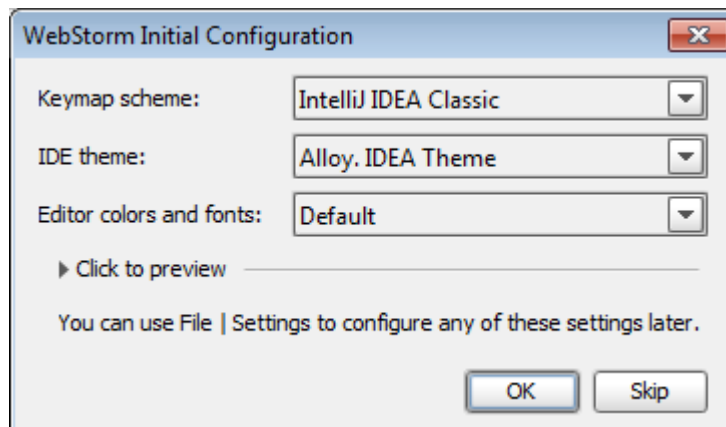
10. Select “Evaluate for free for 30 days”



11. Select "Accept all terms of the license" and click on "OK"

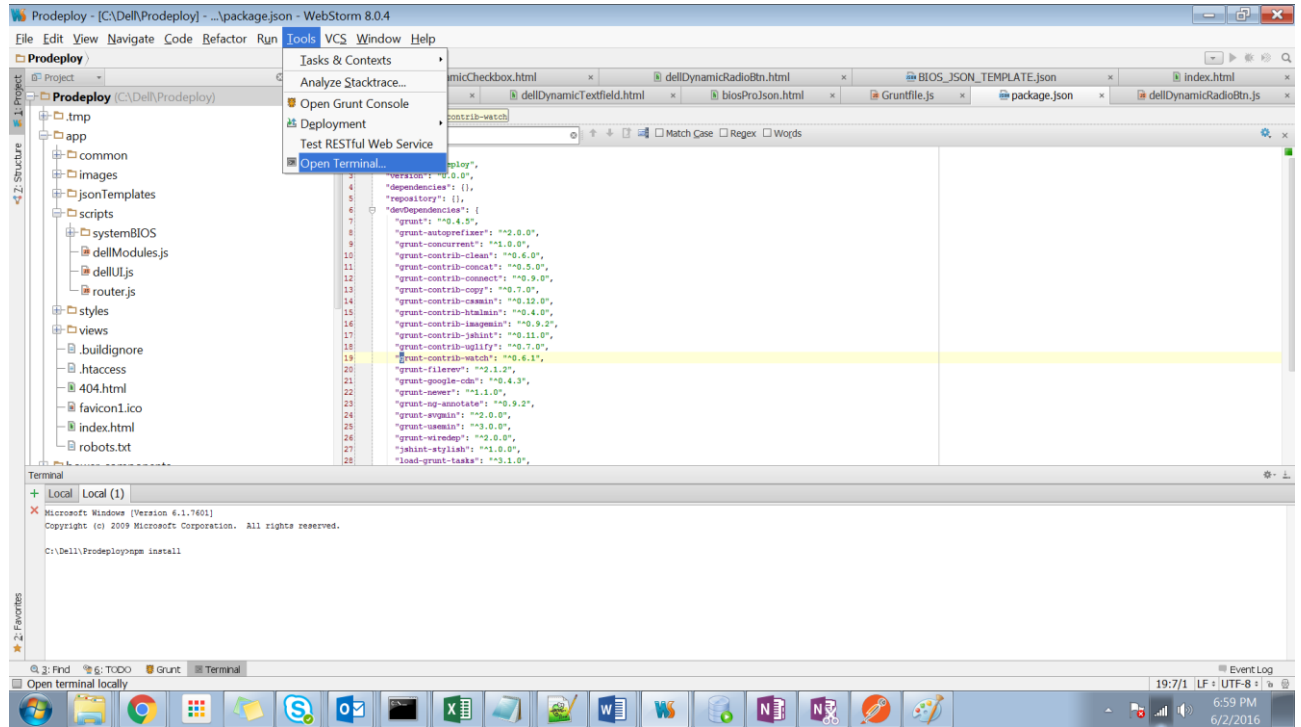


12. Click on "OK"

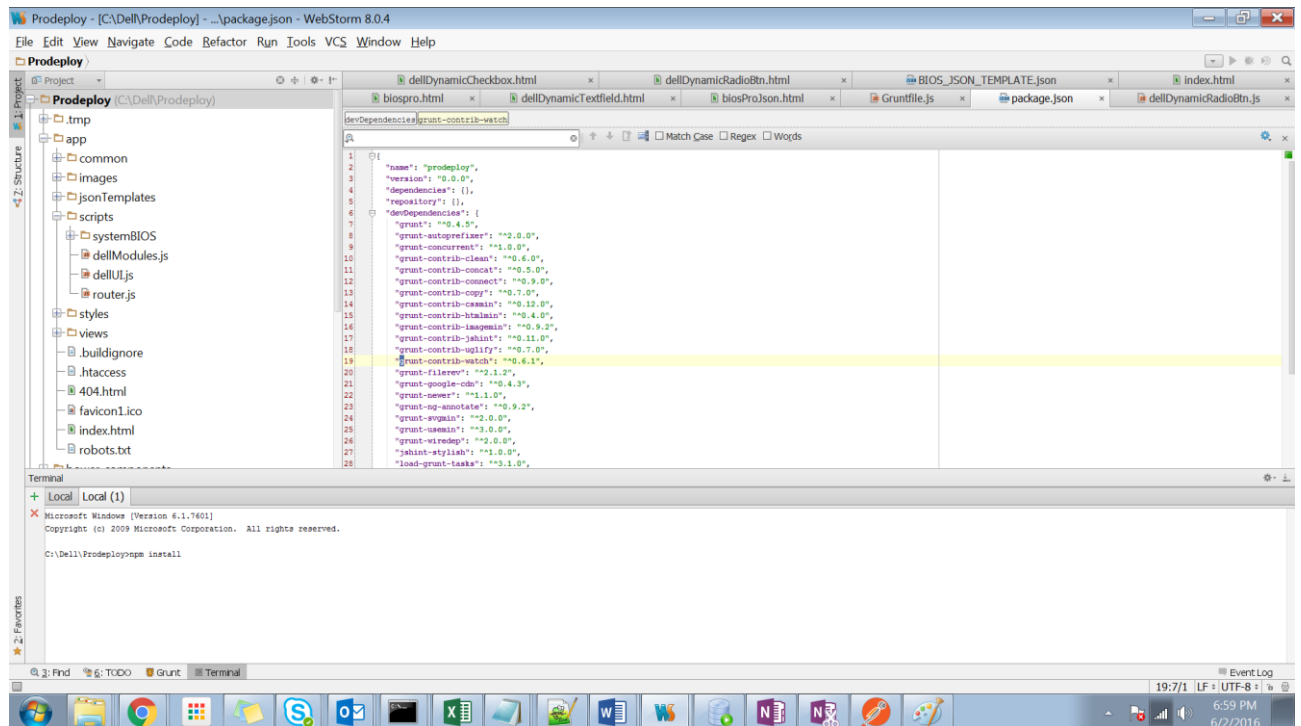


5. CONFIGURE WEBSTORM ENVIRONMENT

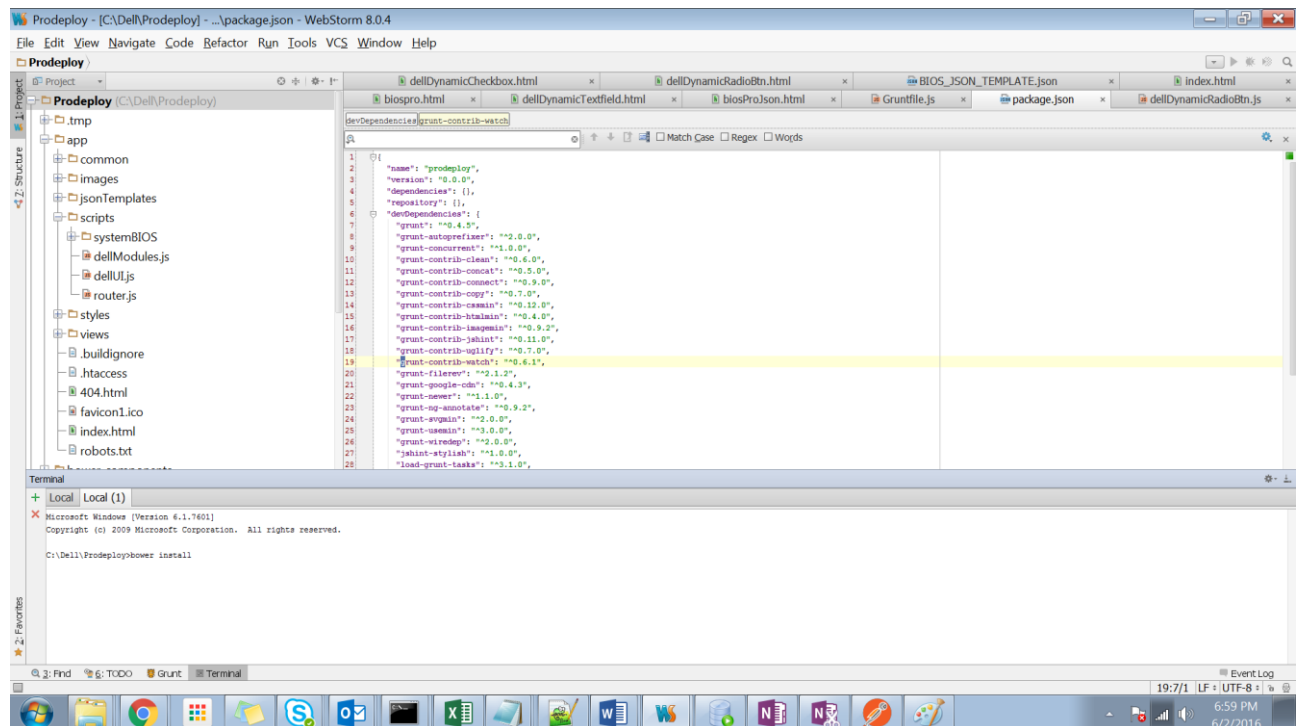
1. Open “Prodeploy” project in WebStorm
2. Click on “Tools” in the menu bar, then select “Open Terminal”



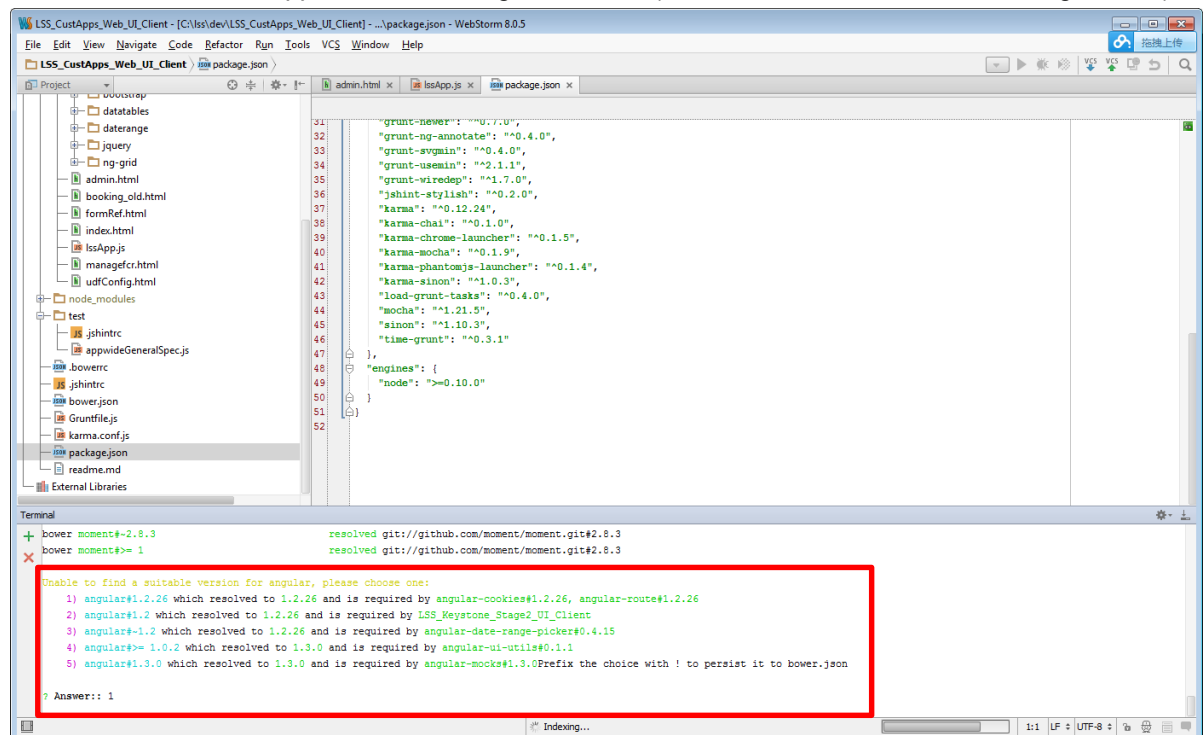
3. Run “npm install” in the terminal



4. Run “bower install” in the terminal



5. If below selection appears, select “angular#1.2.*” (** is the latest minor version of angular 1.2)



6. If below selection appears, select “moment#-*” (** is the latest version of moment)

```

31  "grunt-newer": "~0.7.0",
32  "grunt-ng-annotate": "^0.4.0",
33  "grunt-svgmin": "^0.4.0",
34  "grunt-usemin": "^2.1.1",
35  "grunt-wiredep": "^1.7.0",
36  "jshint-stylish": "^0.2.0",
37  "karma": "^0.12.24",
38  "karma-chai": "^0.1.0",
39  "karma-chrome-launcher": "^0.1.5",
40  "karma-mocha": "^0.1.9",
41  "karma-phantomjs-launcher": "^0.1.4",
42  "karma-sinon": "^1.0.3",
43  "load-grunt-tasks": "^0.4.0",
44  "mocha": "^1.21.5",
45  "sinon": "^1.10.3",
46  "time-grunt": "^0.3.1"
47  },
48  "engines": {
49    "node": ">=0.10.0"
50  }
51  }
52

```

```

4) angular#>= 1.0.2 which resolved to 1.3.0 and is required by angular-ui-utils#0.1.1
5) angular#1.3.0 which resolved to 1.3.0 and is required by angular-mocks#1.3.0Prefix the choice with ! to persist it to bower.json
? Answer:: 1
Unable to find a suitable version for moment, please choose one:
1) moment#2.6.0 which resolved to 2.6.0 and is required by angular-date-range-picker#0.4.15
2) moment#2.8.3 which resolved to 2.8.3 and is required by LSS_Keystone_Stage2_UI_Client
3) moment#>= 1 which resolved to 2.8.3 and is required by moment-range#1.0.5Prefix the choice with ! to persist it to bower.json
? Answer:: 2

```

7. Run “grunt serve” in the terminal

```

31  "grunt-newer": "~0.7.0",
32  "grunt-ng-annotate": "^0.4.0",
33  "grunt-svgmin": "^0.4.0",
34  "grunt-usemin": "^2.1.1",
35  "grunt-wiredep": "^1.7.0",
36  "jshint-stylish": "^0.2.0",
37  "karma": "^0.12.24",
38  "karma-chai": "^0.1.0",
39  "karma-chrome-launcher": "^0.1.5",
40  "karma-mocha": "^0.1.9",
41  "karma-phantomjs-launcher": "^0.1.4",
42  "karma-sinon": "^1.0.3",
43  "load-grunt-tasks": "^0.4.0",
44  "mocha": "^1.21.5",
45  "sinon": "^1.10.3",
46  "time-grunt": "^0.3.1"
47  },
48  "engines": {
49    "node": ">=0.10.0"
50  }
51  }
52

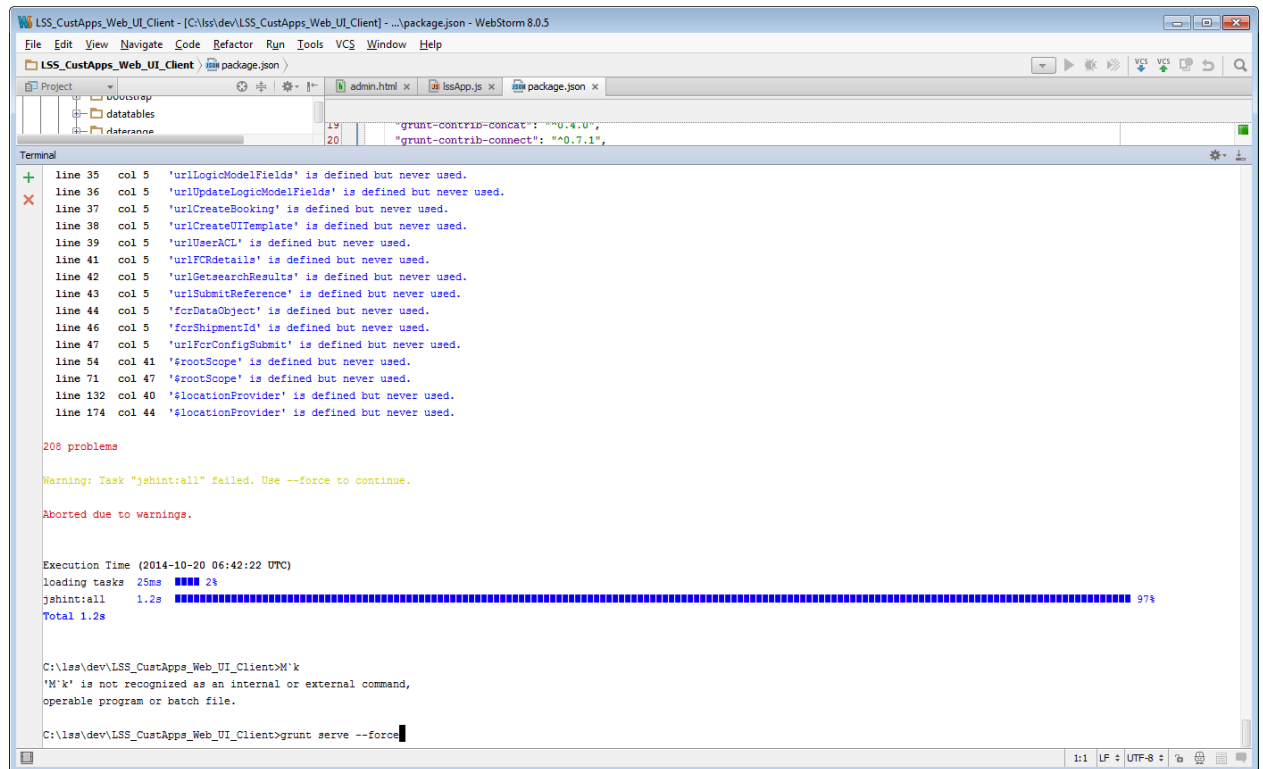
```

```

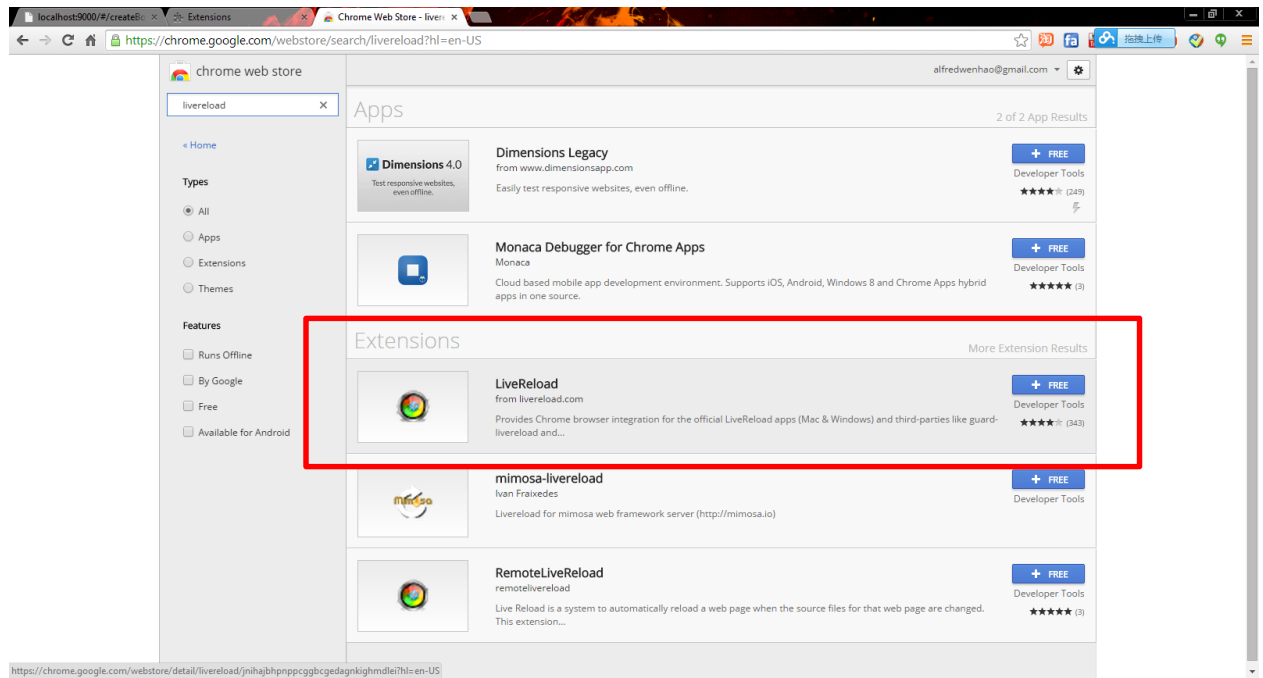
+ daterangepicker#0.9.3 bower_components\daterangepicker
- moment#2.8.3 bower_components\moment
jquery-ui#1.11.1 bower_components\jquery-ui
└─ jquery#1.9.1
bootstrap-sass-official#3.2.0+2 bower_components\bootstrap-sass-official
└─ jquery#1.9.1
C:\lss\dev\LSS_CustApps_Web_UI_Client>grunt serve

```

8. If previous command failed, run “grunt serve --force” in the terminal



9. Install latest “LiveReload” in chrome (optional)



10. Check “Allow in incognito” and “Allow access to file URLs” then restart chrome. (optional)

