

## Install Node.js in windows

### Step: 1

- First Download matching node.js from below mentioned URL.  
<https://nodejs.org/en/download/>
- Click on the downloaded Node.js "Windows Installer" (.msi package.) (32-bit or 64-bit). You will find latest version which is 16.14.0
- Double click on the "node-v4.4.7-x86.msi" file to start installation process and then follow the instructions.

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

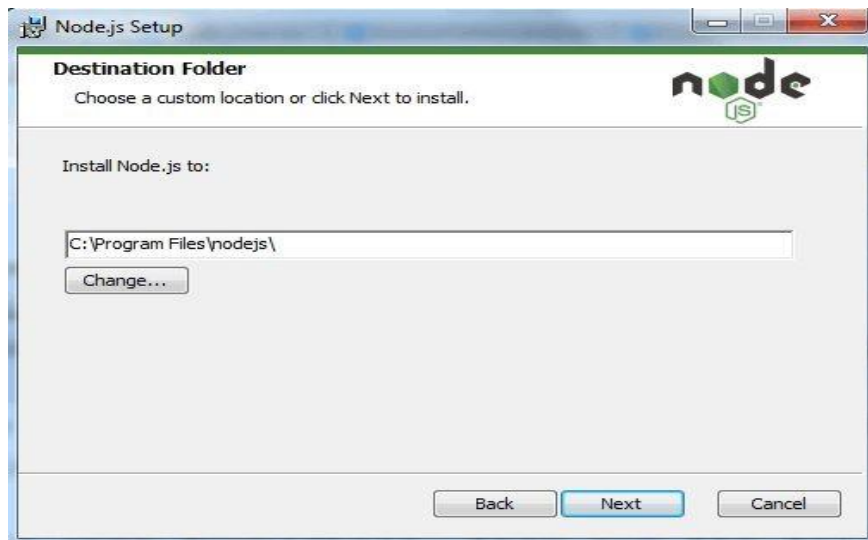
**LTS**  
Recommended For Most Users  
**Current**  
Latest Features

  
Windows Installer  
node-v4.4.7-x86.msi

  
Macintosh Installer  
node-v4.4.7.pkg

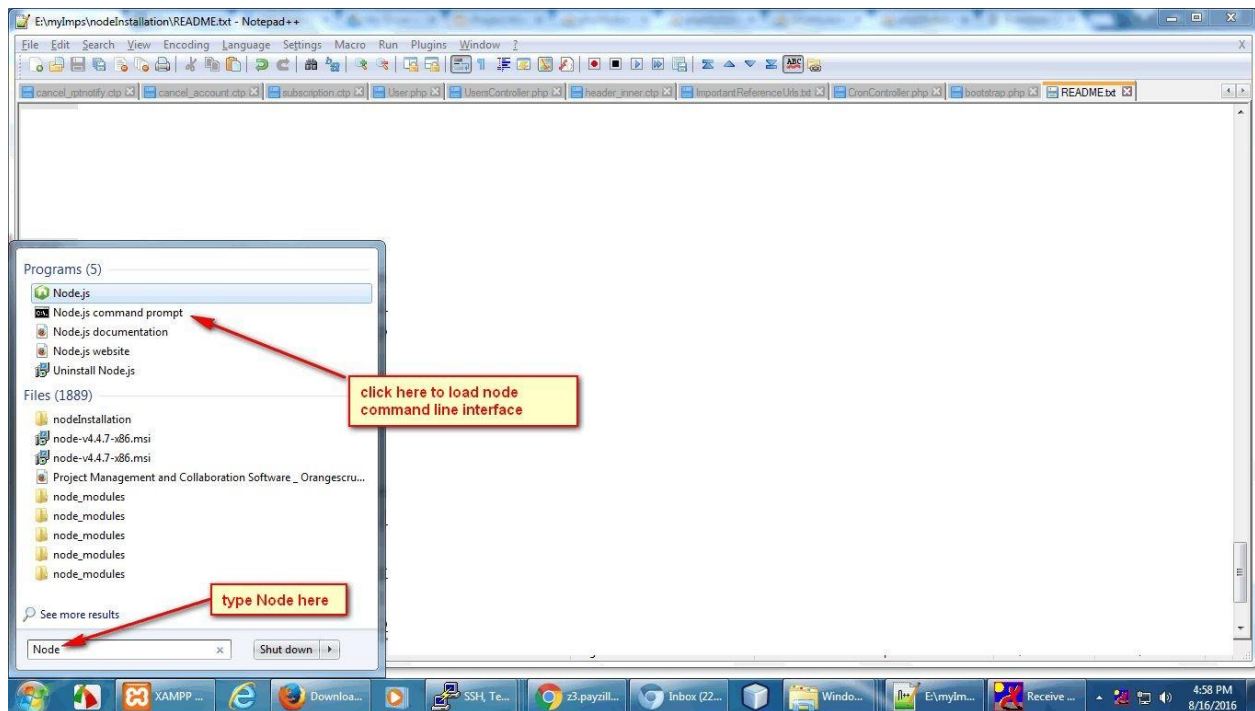
  
Source Code  
node-v4.4.7.tar.gz

|                             |                    |        |
|-----------------------------|--------------------|--------|
| Windows Installer (.msi)    | 32-bit             | 64-bit |
| Windows Binary (.exe)       | 32-bit             | 64-bit |
| Mac OS X Installer (.pkg)   | 64-bit             |        |
| Mac OS X Binaries (.tar.gz) | 64-bit             |        |
| Linux Binaries (.tar.xz)    | 32-bit             | 64-bit |
| Source Code                 | node-v4.4.7.tar.gz |        |



## Step:2

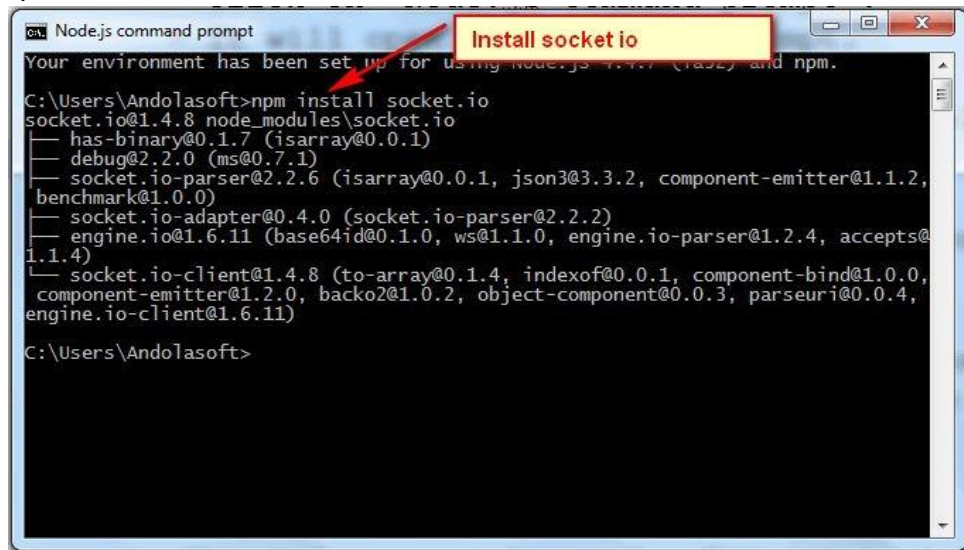
- a) After successful installation of Node.js open node command line interface.
- b) To open node command line, follow the below steps.
  - i) Go to windows "Start Menu" and type "Node" in the search box.
  - ii) Click on "Node.js command prompt".
  - iii) It will open up a command prompt.



## Step:3

- a) Now run the following command to install the socket.io.

i) npm install socket.io



The screenshot shows a Windows command prompt window titled "Node.js command prompt". A red arrow points from a yellow callout box labeled "Install socket io" to the command prompt. The prompt shows the command `C:\Users\Ando1asoft>npm install socket.io` and its output, which lists the installed package and its dependencies. The prompt ends with `C:\Users\Ando1asoft>`.

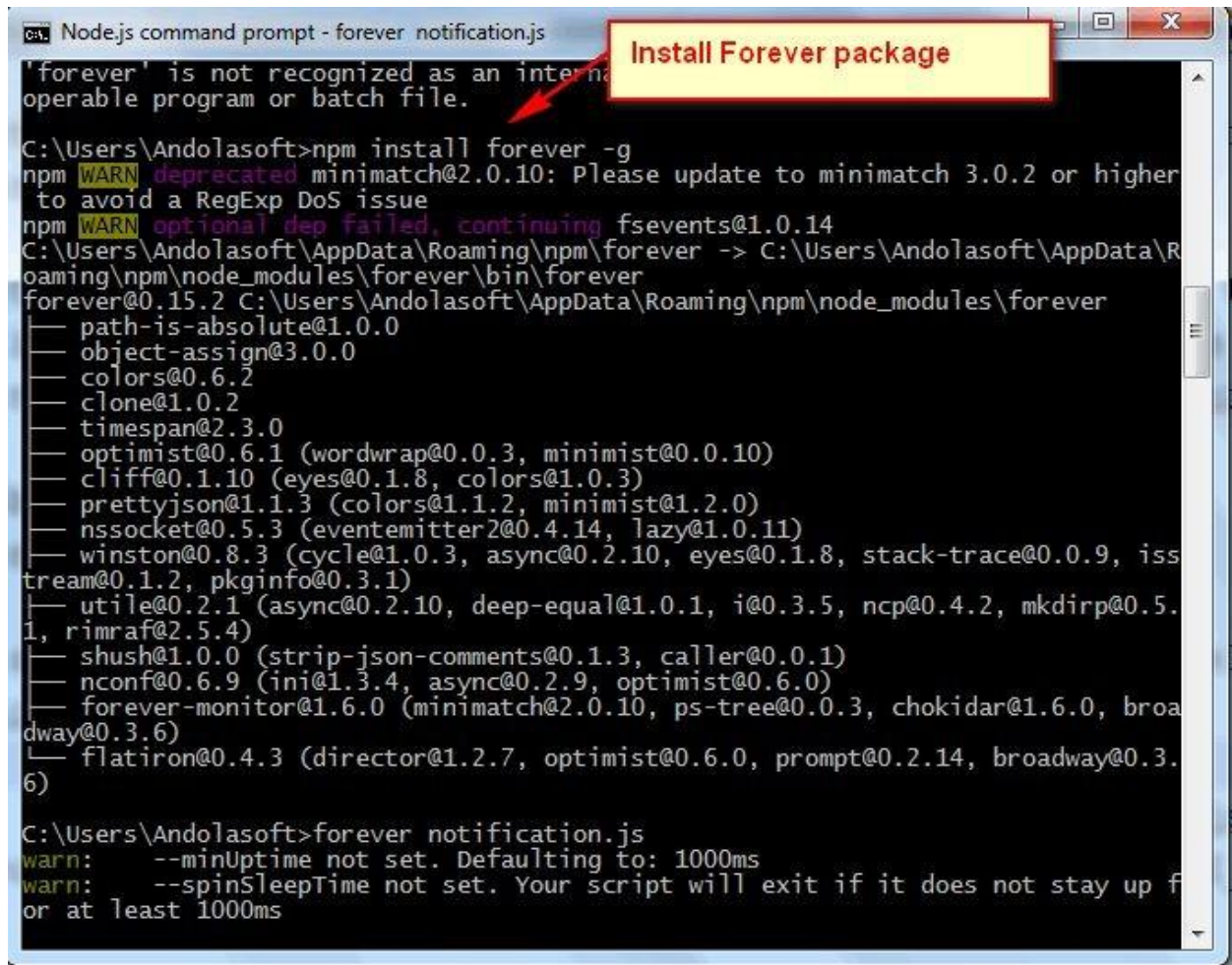
```
Node.js command prompt
Your environment has been set up for using Node.js 4.4.7 (x64) and npm.

C:\Users\Ando1asoft>npm install socket.io
socket.io@1.4.8 node_modules\socket.io
├── has-binary@0.1.7 (isarray@0.0.1)
├── debug@2.2.0 (ms@0.7.1)
├── socket.io-parser@2.2.6 (isarray@0.0.1, json3@3.3.2, component-emitter@1.1.2,
  benchmark@1.0.0)
├── socket.io-adapter@0.4.0 (socket.io-parser@2.2.2)
├── engine.io@1.6.11 (base64id@0.1.0, ws@1.1.0, engine.io-parser@1.2.4, accepts@
  1.1.4)
└── socket.io-client@1.4.8 (to-array@0.1.4, indexof@0.0.1, component-bind@1.0.0,
  component-emitter@1.2.0, backo2@1.0.2, object-component@0.0.3, parseuri@0.0.4,
  engine.io-client@1.6.11)

C:\Users\Ando1asoft>
```

**b)** After Install socket.io run following command to install forever

i) npm install forever-g



```
Node.js command prompt - forever notification.js
'forever' is not recognized as an internal or external
operable program or batch file.

C:\Users\Andolasoft>npm install forever -g
npm WARN deprecated minimatch@2.0.10: Please update to minimatch 3.0.2 or higher
to avoid a RegExp DoS issue
npm WARN optional dep failed, continuing fsevents@1.0.14
C:\Users\Andolasoft\AppData\Roaming\npm\forever -> C:\Users\Andolasoft\AppData\Roaming\npm\node_modules\forever\bin\forever
forever@0.15.2 C:\Users\Andolasoft\AppData\Roaming\npm\node_modules\forever
├── path-is-absolute@1.0.0
├── object-assign@3.0.0
├── colors@0.6.2
├── clone@1.0.2
├── timespan@2.3.0
├── optimist@0.6.1 (wordwrap@0.0.3, minimist@0.0.10)
├── cliff@0.1.10 (eyes@0.1.8, colors@1.0.3)
├── prettyjson@1.1.3 (colors@1.1.2, minimist@1.2.0)
├── nssocket@0.5.3 (eventemitter2@0.4.14, lazy@1.0.11)
├── winston@0.8.3 (cycle@1.0.3, async@0.2.10, eyes@0.1.8, stack-trace@0.0.9, iss
tream@0.1.2, pkginfo@0.3.1)
├── utile@0.2.1 (async@0.2.10, deep-equal@1.0.1, i@0.3.5, ncp@0.4.2, mkdirp@0.5.
1, rimraf@2.5.4)
├── shush@1.0.0 (strip-json-comments@0.1.3, caller@0.0.1)
├── nconf@0.6.9 (ini@1.3.4, async@0.2.9, optimist@0.6.0)
├── forever-monitor@1.6.0 (minimatch@2.0.10, ps-tree@0.0.3, chokidar@1.6.0, broad
way@0.3.6)
└── flatiron@0.4.3 (director@1.2.7, optimist@0.6.0, prompt@0.2.14, Broadway@0.3.
6)

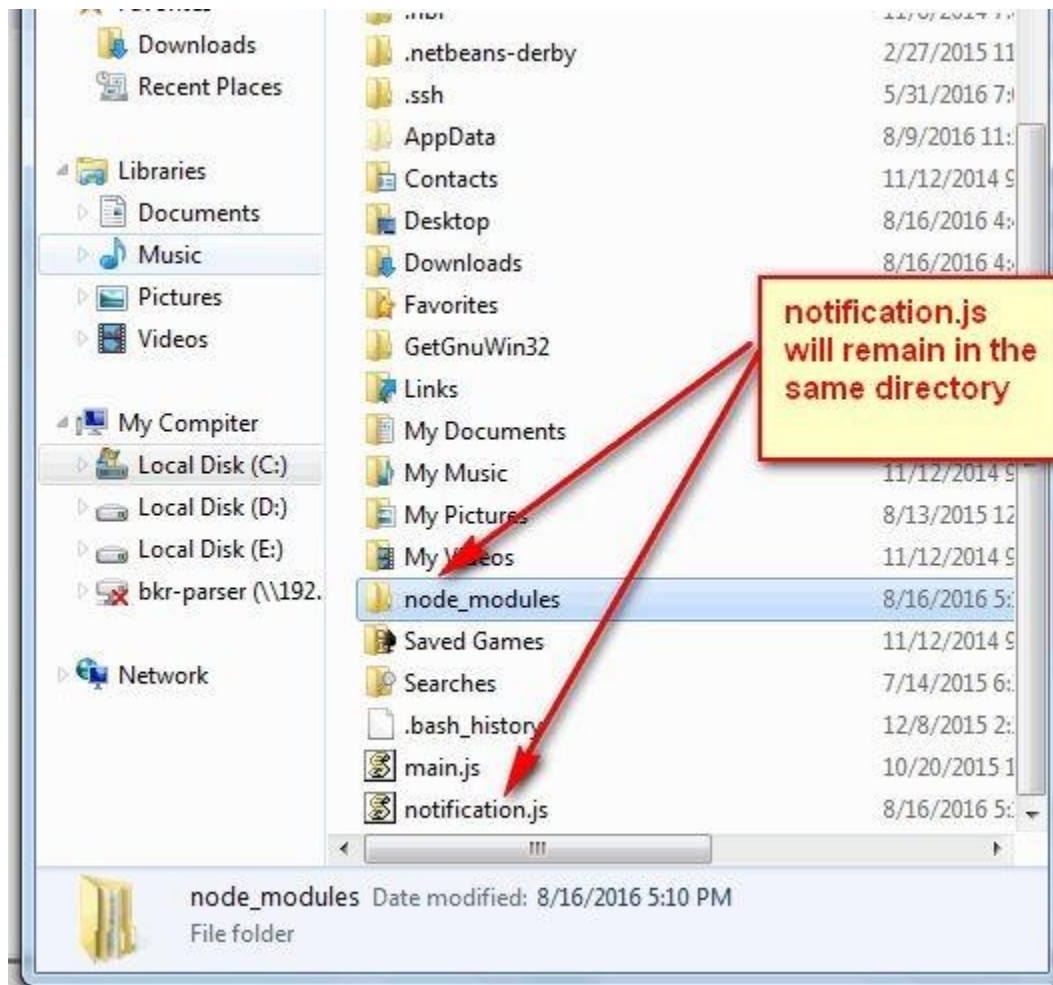
C:\Users\Andolasoft>forever notification.js
warn: --minUptime not set. Defaulting to: 1000ms
warn: --spinSleepTime not set. Your script will exit if it does not stay up f
or at least 1000ms
```

#### Step:4

- After installed all the above step please copy and paste the "notification.js" file (given with the chat add-on) in the same directory where the node\_modules is installed (Ex. C:\Users\Andolasoft\).

```
Node.js command prompt
engine.io-client@1.6.11)
C:\Users\Andolasoft>npm install forever
npm WARN deprecated minimatch@2.0.10: Please update to minimatch 3.0.2 or higher
to avoid a RegExp DoS issue
npm WARN optional dep failed, continuing fsevents@1.0.14
forever@0.15.2 node_modules\forever
├── object-assign@3.0.0
├── path-is-absolute@1.0.0
├── clone@1.0.2
├── colors@0.6.2
├── timespan@2.3.0
├── optimist@0.6.1 (wordwrap@0.0.3, minimist@0.0.10)
├── cliff@0.1.10 (eyes@0.1.8, colors@1.0.3)
├── prettyjson@1.1.3 (colors@1.1.2, minimist@1.2.0)
├── nsocket@0.5.3 (eventemitter2@0.4.14, lazy@1.0.11)
├── winston@0.8.3 (cycle@1.0.3, async@0.2.10, eyes@0.1.8, stack-trace@0.0.9, iss
tream@0.1.2, pkginfo@0.3.
├── nconf@0.6.9 (ini@1.3.
├── utile@0.2.1 (async@0.
p@0.4.2, mkdirp@0.5.
1, rimraf@2.5.4)
├── shush@1.0.0 (strip-json-comments@0.1.3, caller@0.0.1)
├── flatiron@0.4.3 (director@1.2.7, optimist@0.6.0, prompt@0.2.14, broadway@0.3.
6)
└── forever-monitor@1.6.0 (minimatch@2.0.10, ps-tree@0.0.3, broadway@0.3.6, chok
idar@1.6.0)
C:\Users\Andolasoft>
```

Copy the "notification.js" file to this location.

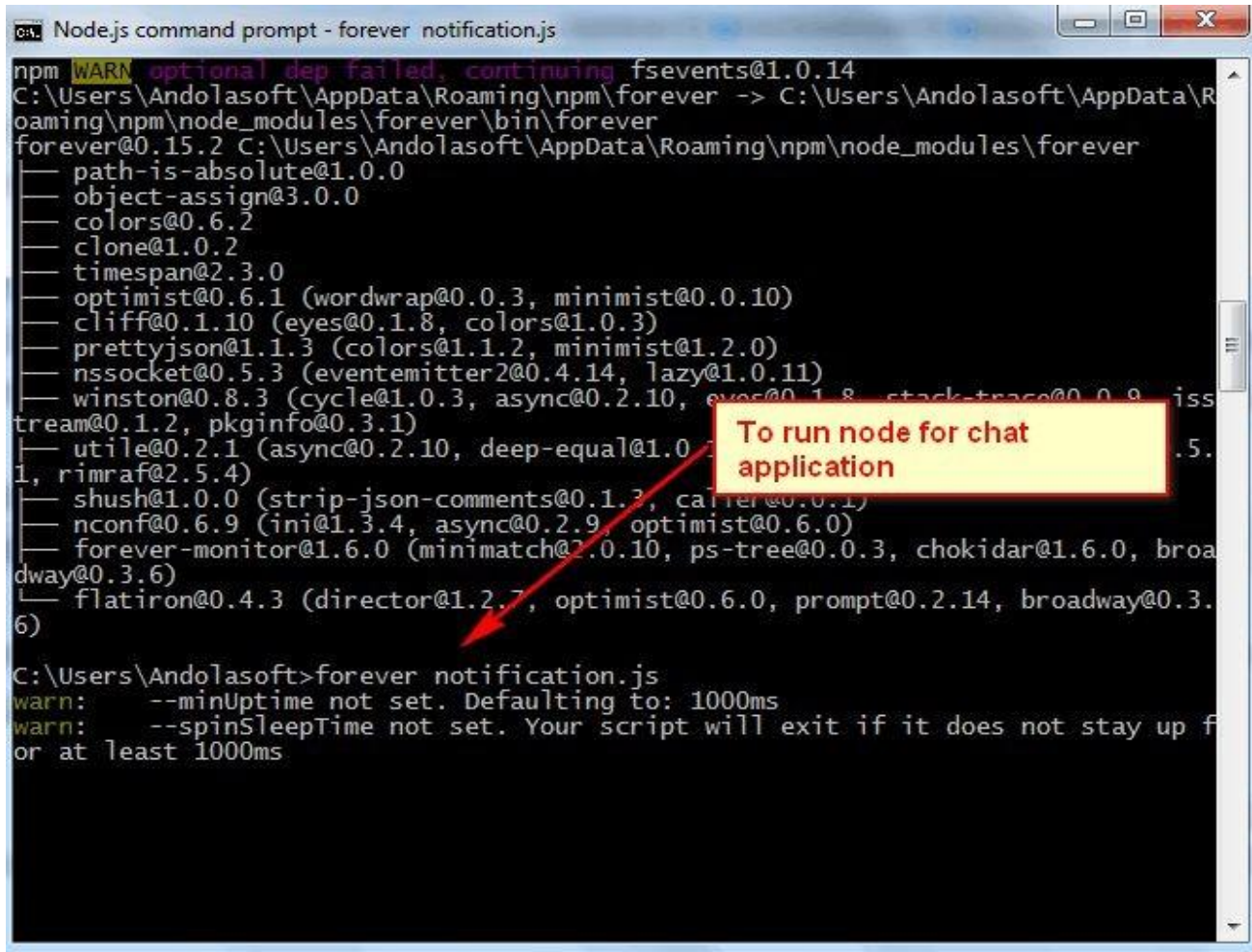


#### Step:5 (Final Step)

- a) Run the below command to start node.js.



a. forever notification.js



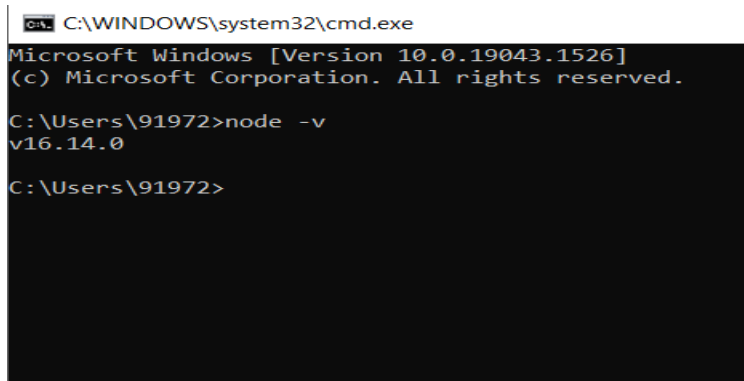
```
Node.js command prompt - forever notification.js
npm WARN optional dep failed, continuing fsevents@1.0.14
C:\Users\Andolasoft\AppData\Roaming\npm\forever -> C:\Users\Andolasoft\AppData\Roaming\npm\node_modules\forever\bin\forever
forever@0.15.2 C:\Users\Andolasoft\AppData\Roaming\npm\node_modules\forever
├── path-is-absolute@1.0.0
├── object-assign@3.0.0
├── colors@0.6.2
├── clone@1.0.2
├── timespan@2.3.0
├── optimist@0.6.1 (wordwrap@0.0.3, minimist@0.0.10)
├── cliff@0.1.10 (eyes@0.1.8, colors@1.0.3)
├── prettyjson@1.1.3 (colors@1.1.2, minimist@1.2.0)
├── nsocket@0.5.3 (eventemitter2@0.4.14, lazy@1.0.11)
├── winston@0.8.3 (cycle@1.0.3, async@0.2.10, events@1.1.1, stack-trace@0.0.9, process@0.10.0)
├── stream@0.1.2, pkginfo@0.3.1)
├── utile@0.2.1 (async@0.2.10, deep-equal@1.0.1)
├── rimraf@2.5.4)
├── shush@1.0.0 (strip-json-comments@0.1.3, caller@0.0.1)
├── nconf@0.6.9 (ini@1.3.4, async@0.2.9, optimist@0.6.0)
├── forever-monitor@1.6.0 (minimatch@2.0.10, ps-tree@0.0.3, chokidar@1.6.0, broadway@0.3.6)
├── flatiron@0.4.3 (director@1.2.7, optimist@0.6.0, prompt@0.2.14, broadway@0.3.6)
└── 6)

C:\Users\Andolasoft>forever notification.js
warn: --minUptime not set. Defaulting to: 1000ms
warn: --spinSleepTime not set. Your script will exit if it does not stay up for at least 1000ms
```

To run node for chat application

After installation verify if it is successfully installed or not.

Go to command prompt and type node -v which is command to see the currently installed version of nodeJS



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19043.1526]
(c) Microsoft Corporation. All rights reserved.

C:\Users\91972>node -v
v16.14.0

C:\Users\91972>
```