

# How to use Node and NPM without installation or admin rights

📅 January 8, 2017 (<http://theshravan.net/blog/how-to-use-node-and-npm-without-installation-or-admin-rights/>) 👤 Shravan Kumar Kasagoni (<http://theshravan.net/blog/author/shravan/>) 📁 JAVASCRIPT (<http://theshravan.net/blog/category/javascript/>)

There are a lot of blog posts explaining this already, but most of them didn't work for me. They miss one critical step, in this blog post I am going to provide instructions step by step how to use Node and NPM without installation or admin rights. I am going to provide the instructions for windows; we can follow the same process for other operating systems (macOS, Linux).

Step 1: Get node binary (node.exe) from nodejs.org site

- Go to <https://nodejs.org/en/download/> (<https://nodejs.org/en/download/>) site, then from the downloads table download the 32-bit or 64-bit binary/binaries (not installer files) depending on your operating system.
- Now copy the file `node.exe` to your favourite location. In my case, I created a folder named `nodejs` under the `Tools` folder in the root of my C drive (`C:\Tools\nodejs\`).

Step 2: Get the NPM

- Go to <https://github.com/npm/npm/releases> (<https://github.com/npm/npm/releases>) site, then download the latest stable version of NPM. You can find the zip file under downloads section at the bottom of the page.
- Extract the zip file and rename the extracted folder to `npm`.
- Now go to `C:\Tools\nodejs\` (in your case which ever the folder you copied the `node.exe` file), create a folder called, `node_modules` then copy the entire folder `npm` folder from the previous step the `node_modules` folder.

Step 3: Copy `npm.cmd` beside the `node.exe`

- This is the very important step everyone misses, go to `C:\Tools\nodejs\node_modules\npm\bin\` folder. Under the `bin` folder you will find the `npm.cmd` file.

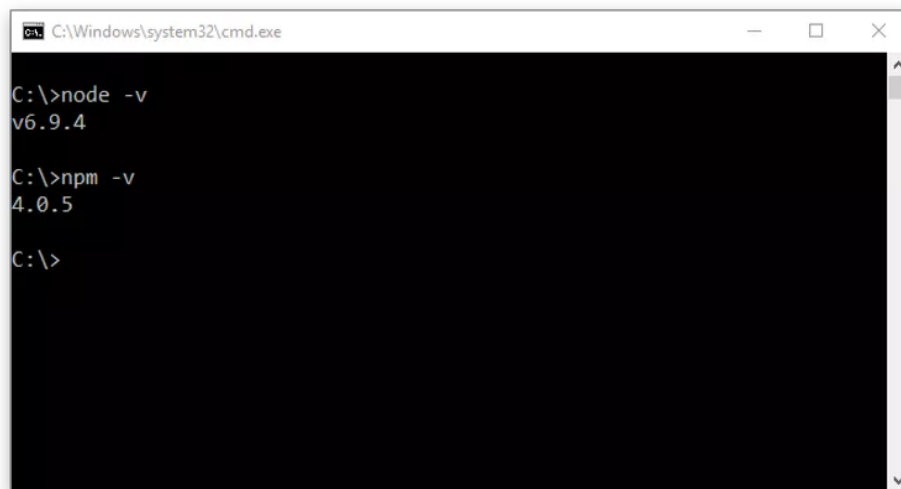
- Copy the `npm.cmd` file and place it beside the `node.exe` from step 1. In my case I am copying the `npm.cmd` file to `C:\Tools\nodejs\` folder.

#### Step 4: Configure the PATH

- We need add the `node.exe` and `npm.cmd` to system path, so that we can access them from any where.
- Now append the path `C:\Tools\nodejs;` to PATH variable in Environment Variables.
- We can access the Environment Variables dialog, by right clicking on the Computer > Properties > Advanced system settings > Advanced tab > Environment Variables.
- Incase if you don't have permission to access Environment Variables dialog, simply type the following command in Run dialog `rundll32 sysdm.cpl,EditEnvironmentVariables`, this will open the Environment Variables dialog.

#### Step 5: Verify the nodejs and npm setup

- Go to command line then type `node -v` then `npm -v`. These commands should display the currently configured nodejs and npm versions respectively.



```
C:\Windows\system32\cmd.exe


C:\>node -v
v6.9.4


C:\>npm -v
4.0.5


C:\>
```


We configured the node and npm without installation or admin rights, now you can happily use them.


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






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


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


















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