

# Install Node.js on Windows

In this tutorial, we shall provide detailed step by step process to install Node.js software on your PC running on Windows Operating System.

## Installation of Node.js on Windows 10

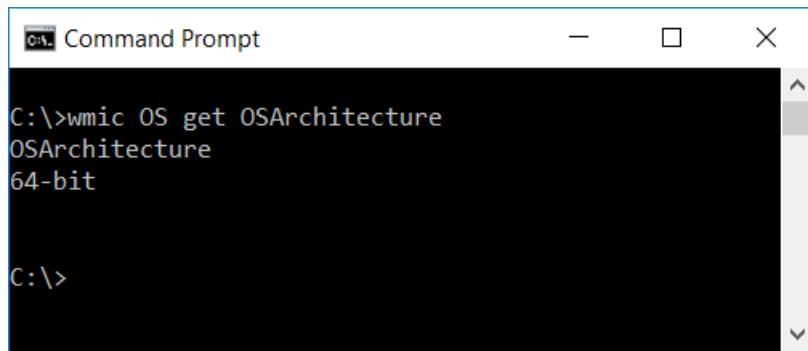
### 1. Download Node.js package.

Latest releases of Node.js are available at [<https://nodejs.org/download/release/latest/>].

## Index of /download/release/latest/

<a href="#">../</a>			
<a href="#">docs/</a>	10-Oct-2018 19:26		-
<a href="#">win-x64/</a>	10-Oct-2018 20:03		-
<a href="#">win-x86/</a>	10-Oct-2018 19:47		-
<a href="#">SHASUMS256.txt</a>	10-Oct-2018 21:23		3347
<a href="#">SHASUMS256.txt.asc</a>	10-Oct-2018 21:23		4229
<a href="#">SHASUMS256.txt.sig</a>	10-Oct-2018 21:23		566
<a href="#">node-v10.12.0-aix-ppc64.tar.gz</a>	10-Oct-2018 19:36		22833225
<a href="#">node-v10.12.0-darwin-x64.tar.gz</a>	10-Oct-2018 19:17		16364253
<a href="#">node-v10.12.0-darwin-x64.tar.xz</a>	10-Oct-2018 19:17		11081840
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<a href="#">node-v10.12.0-headers.tar.xz</a>	10-Oct-2018 19:28		336700
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<a href="#">node-v10.12.0-linux-arm64.tar.xz</a>	10-Oct-2018 19:12		11646744
<a href="#">node-v10.12.0-linux-armv6l.tar.gz</a>	10-Oct-2018 19:13		17540118
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<a href="#">node-v10.12.0-linux-armv7l.tar.gz</a>	10-Oct-2018 19:23		17390704
<a href="#">node-v10.12.0-linux-armv7l.tar.xz</a>	10-Oct-2018 19:23		10693448
<a href="#">node-v10.12.0-linux-ppc64le.tar.gz</a>	10-Oct-2018 19:11		18630809
<a href="#">node-v10.12.0-linux-ppc64le.tar.xz</a>	10-Oct-2018 19:11		11539240
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<a href="#">node-v10.12.0-sunos-x64.tar.xz</a>	10-Oct-2018 19:15		12812124
<a href="#">node-v10.12.0-win-x64.7z</a>	10-Oct-2018 20:09		9648467
<a href="#">node-v10.12.0-win-x64.zip</a>	10-Oct-2018 20:13		16223525
<a href="#">node-v10.12.0-win-x86.7z</a>	10-Oct-2018 19:48		8585768
<a href="#">node-v10.12.0-win-x86.zip</a>	10-Oct-2018 19:48		14731295
<a href="#">node-v10.12.0-x64.msi</a>	10-Oct-2018 20:16		17276928
<a href="#">node-v10.12.0-x86.msi</a>	10-Oct-2018 19:48		15699968
<a href="#">node-v10.12.0.pkg</a>	10-Oct-2018 19:37		16615677
<a href="#">node-v10.12.0.tar.gz</a>	10-Oct-2018 19:21		36277157
<a href="#">node-v10.12.0.tar.xz</a>	10-Oct-2018 19:23		20185168

Based on the architecture of your Windows Operating System, download the appropriate .zip or .7z file. To know your windows architecture (x64 or x86), run the command `wmic OS get OSArchitecture` in Command Prompt.



```
Git Command Prompt
C:\>wmic OS get OSArchitecture
OSArchitecture
64-bit

C:\>
```

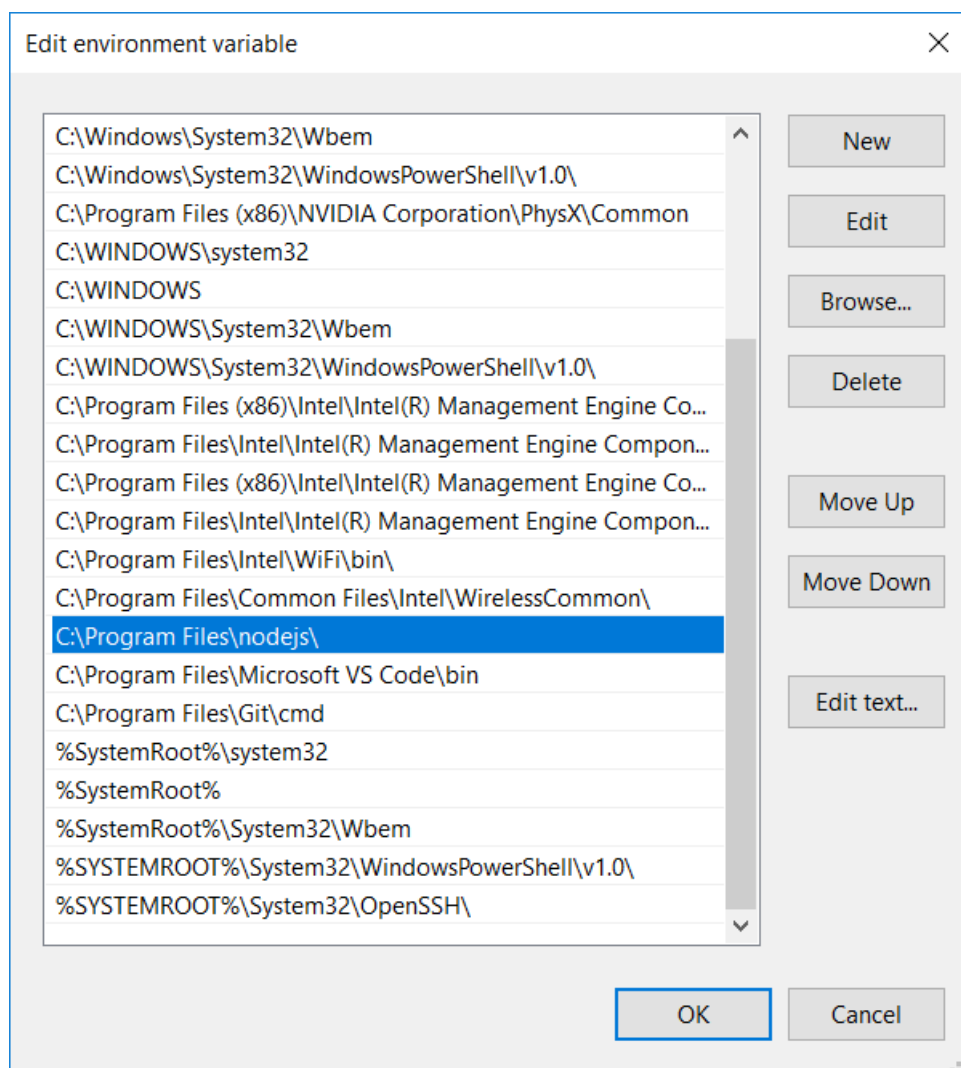
The PC is running on x64, we have chosen x64.zip file to download.

## 2. Extract the zip file.

Extract the zip file and copy the `nodejs` folder to `C:\Program Files`.

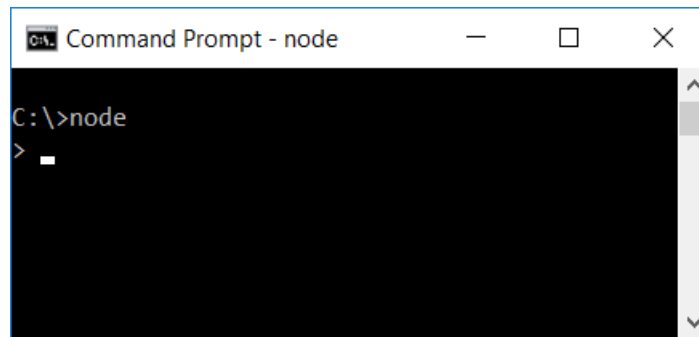
## 3. Setup Environment Variable for Node.js.

Now we should let the PC know that we have a program called node at location “C:\Program Files\nodejs”  
Add this location to System Environment Path variable.



## 4. Verify the installation.

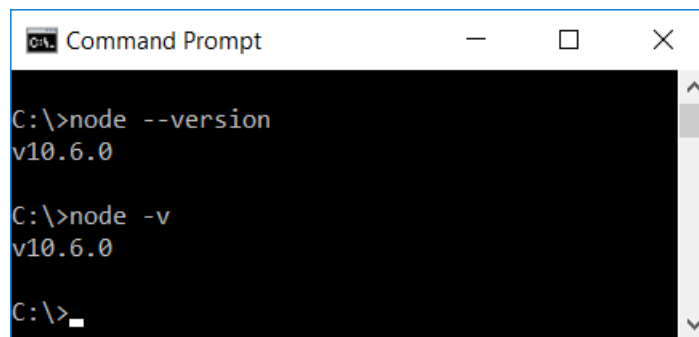
Ha! We are done with the installation of node in Windows. Now its time to check if the installation is successful. Open Command Prompt and run the command `node`. Node Shell would be started.



```
Command Prompt - node
C:\>node
> _
```

## 5. Check Node Version.

To check Node Version, run either `node -v` or `node --version` in the command prompt.



```
Command Prompt
C:\>node --version
v10.6.0

C:\>node -v
v10.6.0

C:\>_
```

## Conclusion

In this [NodeJS Tutorial](#), we have learnt how to install Node.js on Windows OS. In our next tutorial, we shall get started with Basic [Node.js Application Example](#).

### Node.js

▸ [Node.js Tutorial](#)

### Get Started With Node.js

▸ [Install Node.js Ubuntu Linux](#)

▸ [Install Node.js Windows](#)

▸ [Node.js - Basic Example](#)

▸ [Node.js - Command Line Arguments](#)

▸ [Node.js - Modules](#)

▸ [Node.js - Create a module](#)

▸ [Node.js - Add new functions to Module](#)

▸ [Node.js - Override functions of Module](#)

▸ [Node.js - Callback Function](#)

[Node.js - Callback Function](#)

[Node.js - forEach](#)

## Express.js

[Express.js Tutorial](#)

[What is Express.js?](#)

[Express.js Application Example](#)

[Install Express.js](#)

[Express.js Routes](#)

[Express.js Middleware](#)

[Express.js Router](#)

## Node.js Buffers

[Node.js Buffer - Create, Write, Read](#)

[Node.js Buffer - Length](#)

[Node.js - Convert JSON to Buffer](#)

[Node.js - Array to Buffer](#)

## Node.js HTTP

[Node.js - Create HTTP Web Server](#)

[Node.js - Redirect URL](#)

## Node.js MySQL

[Node.js MySQL](#)

[Node.js MySQL - Connect to MySQL Database](#)

[Node.js MySQL - SELECT FROM](#)

[Node.js MySQL - SELECT WHERE](#)

[Node.js MySQL - ORDER BY](#)

[Node.js MySQL - INSERT INTO](#)

[Node.js MySQL - UPDATE](#)

[Node.js MySQL - DELETE](#)

[Node.js MySQL - Result Object](#)

## Node.js MongoDB

[Node.js MongoDB](#)

[Node.js - Connect to MongoDB](#)

[Node.js - Create Database in MongoDB](#)

[Node.js - Drop Database in MongoDB](#)

[Node.js - Create Collection in MongoDB](#)

‣ [Node.js - Delete Collection in MongoDB](#)

‣ [Node.js - Insert Documents to MongoDB Collection](#)

‣ [MongoError: failed to connect to server](#)

## Node.js Mongoose

‣ [Node.js Mongoose Tutorial](#)

‣ [Node.js Mongoose - Installation](#)

‣ [Node.js Mongoose - Connect to MongoDB](#)

‣ [Node.js Mongoose - Define a Model](#)

‣ [Node.js Mongoose - Insert Single Document to MongoDB](#)

‣ [Node.js Mongoose - Insert Multiple Documents to MongoDB](#)

## Node.js URL

‣ [Node.js - Parse URL parameters](#)

## Node.js FS (File System)

‣ [Node FS](#)

‣ [Node FS - Read a File](#)

‣ [Node FS - Create a File](#)

‣ [Node FS - Write to a File](#)

‣ [Node FS - Append to a File](#)

‣ [Node FS - Rename a File](#)

‣ [Node FS - Delete a File](#)

‣ [Node FS Extra - Copy a Folder](#)

## Node.js JSON

‣ [Node.js Parse JSON](#)

‣ [Node.js Write JSON Object to File](#)

## Node.js Error Handling

‣ [Node.js Try Catch](#)

## Node.js Examples

‣ [Node.js Examples](#)

‣ [Node.js - Handle Get Requests](#)

‣ [Node.js Example - Upload files to Node.js server](#)

## Useful Resources

‣ [Node.js Interview Questions](#)

‣ [How to Learn Programming](#)

