



**ΚΕΝΤΡΟ ΕΠΙΜΟΡΦΩΣΗΣ ΚΑΙ ΔΙΑ ΒΙΟΥ ΜΑΘΗΣΗΣ**

# **Node.js Εγκατάσταση (NVM)**

**Μάρκος Καραμπάτσης**



# Εγκατάσταση του Node.js με nvm

## NVM: Node Version Manager

Επιτρέπει τη διαχείριση και εγκατάσταση διαφορετικών εκδόσεων του NodeJS

**Windows platforms:** <https://github.com/coreybutler/nvm-windows>

**Mac/Linux platforms:** <https://github.com/nvm-sh/nvm>



# Node.js με NVM σε Windows

GitHub interface showing the repository **coreybutler / nvm-windows** (Public). The repository has 68 issues, 12 pull requests, and 398 watchers. The commit history shows the following changes:

Commit	Author	Message	Time
53bc08d	coreybutler	Added pathfinder notes	6 hours ago
		Create bug_report.yml	10 months ago
		Backup PATH env variable to file (precautionary). Fixes #662	15 months ago
		Fix Buildtools for 64bit systems by updating binaries	2 years ago
		Added examples for manual installation	8 years ago
		Updated elevation approach	22 days ago
		Updated version in updater.exe. Closes #874.	22 days ago
		Added pathfinder notes	6 hours ago
		executables should be binary	4 years ago



# Node.js με NVM σε Windows

## Contributors



Oliver, WORMSS, and 6 other contributors

## ▼ Assets

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 <a href="#">nvm-noinstall.zip</a>	4.31 MB	22 days ago
 <a href="#">nvm-noinstall.zip.checksum.txt</a>	34 Bytes	22 days ago
 <a href="#">nvm-setup.exe</a>	5.22 MB	11 days ago
 <a href="#">nvm-setup.zip</a>	4.72 MB	22 days ago
 <a href="#">nvm-setup.zip.checksum.txt</a>	34 Bytes	22 days ago
 <a href="#">nvm-update.exe</a>	7.08 MB	11 days ago
 <a href="#">nvm-update.zip</a>	4.08 MB	22 days ago
 <a href="#">nvm-update.zip.checksum.txt</a>	34 Bytes	22 days ago
 <a href="#">Source code (zip)</a>		22 days ago
 <a href="#">Source code (tar.gz)</a>		22 days ago

  51  16  9  7  6 68 people reacted

 13

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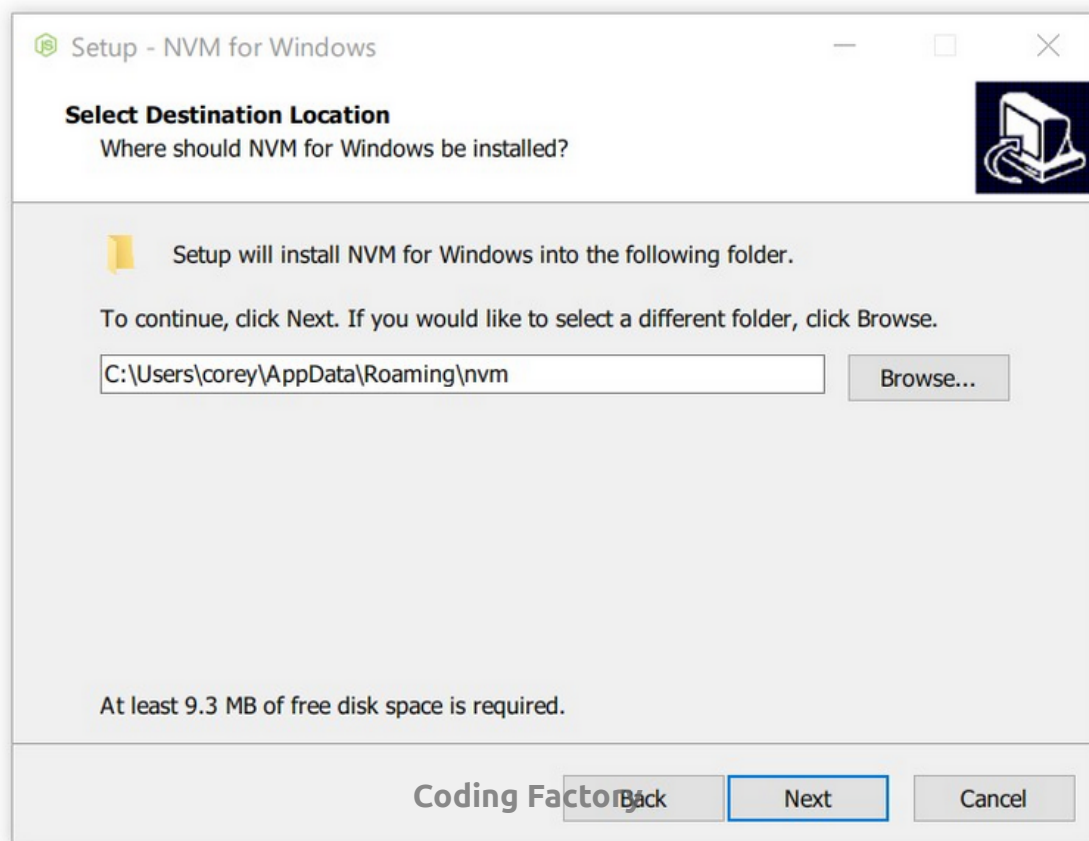


# Node.js με NVM σε Windows

## Install nvm-windows

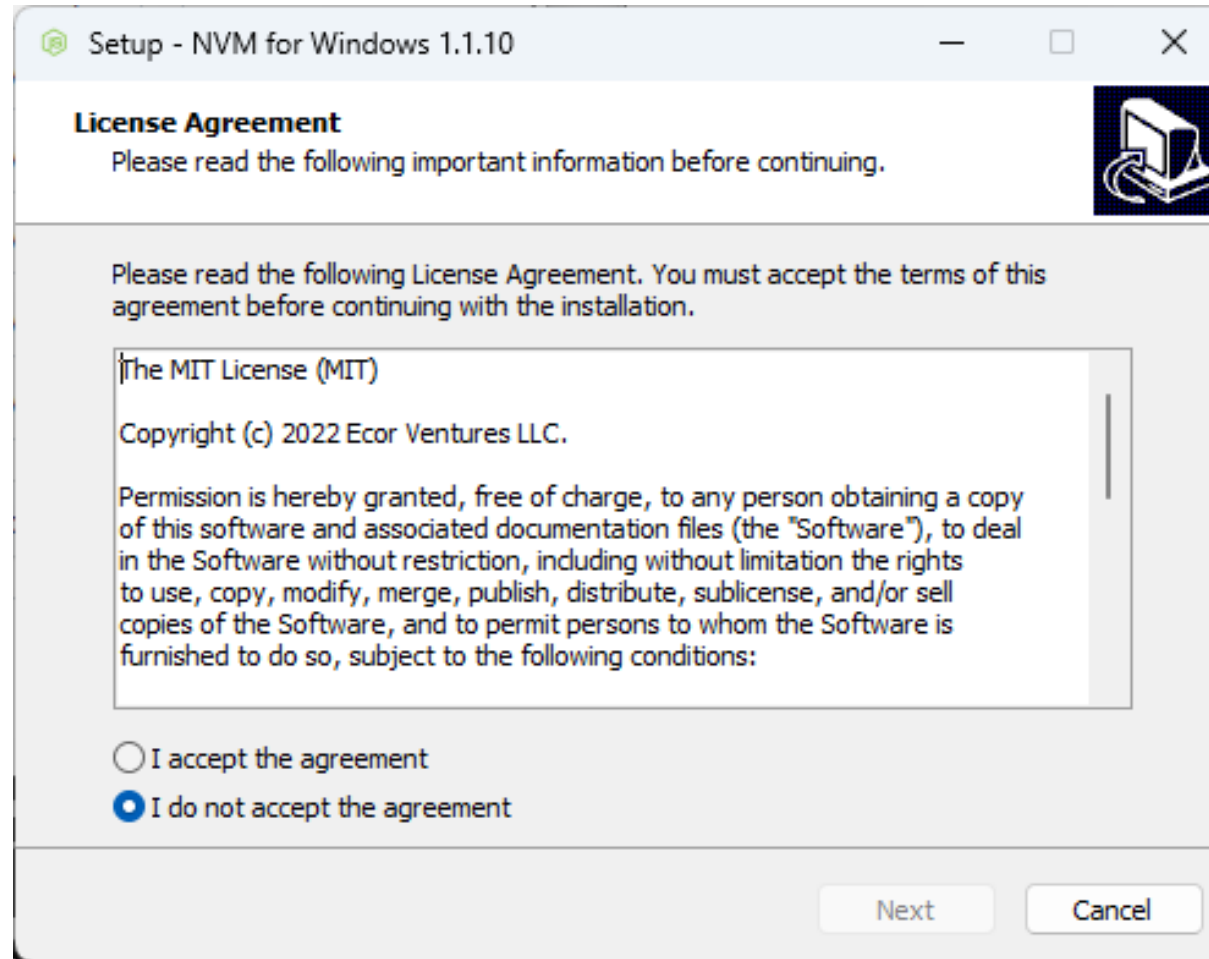
Use the [latest installer](#) (comes with an uninstaller). Alternatively, follow the [manual installation](#) guide.

*If NVM4W doesn't appear to work immediately after installation, restart the terminal/powershell (not the whole computer).*



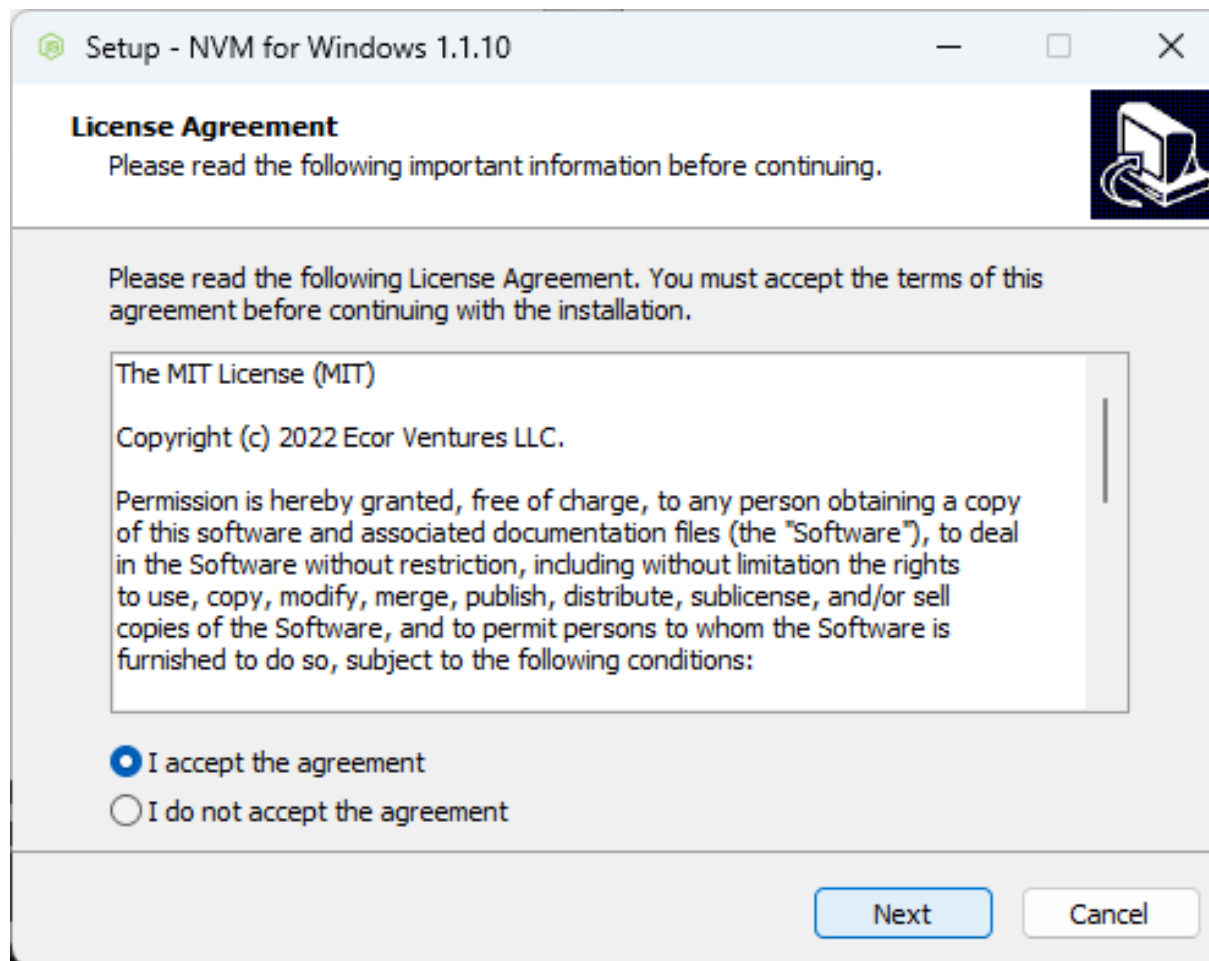


# Node.js με NVM σε Windows



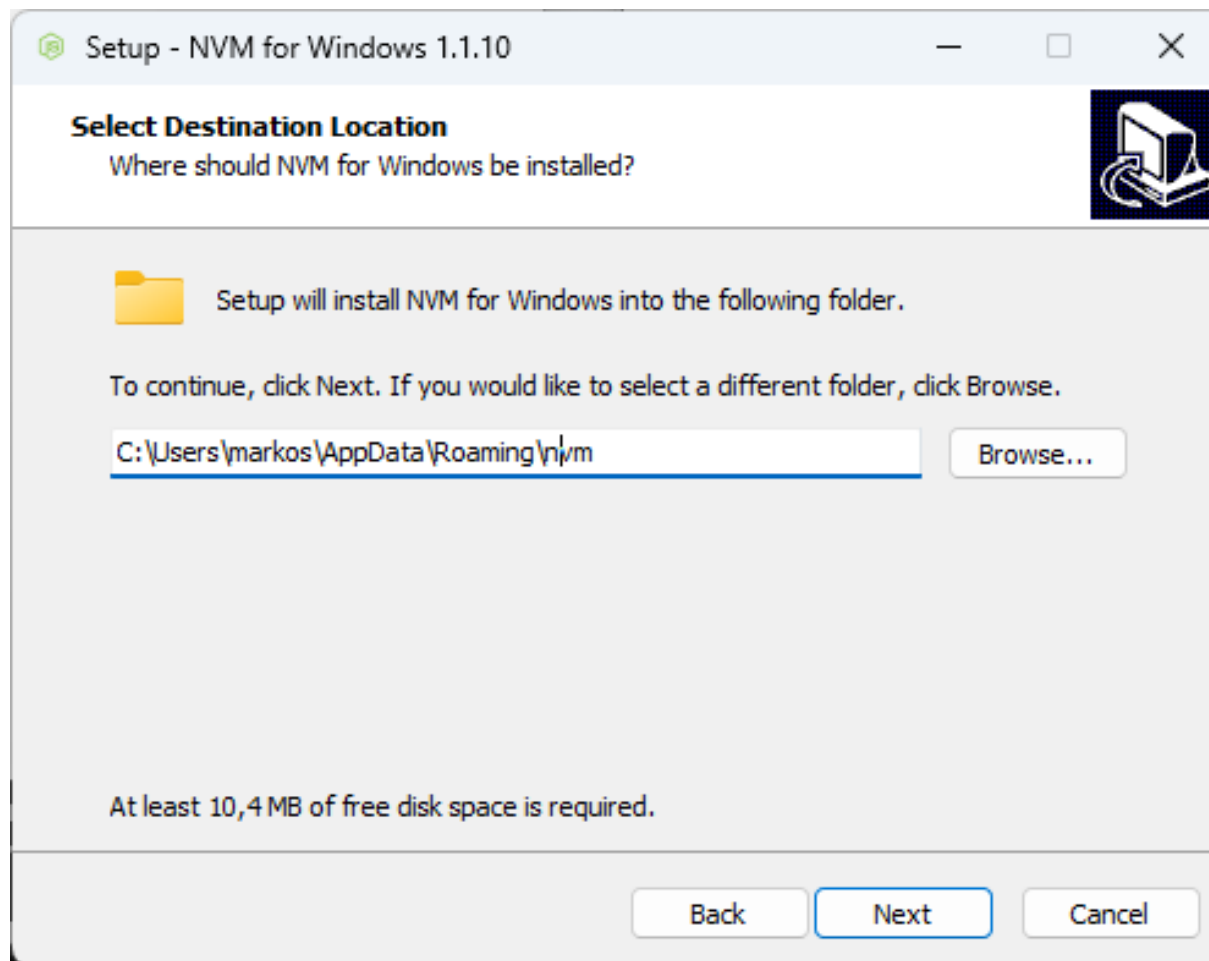


# Node.js με NVM σε Windows





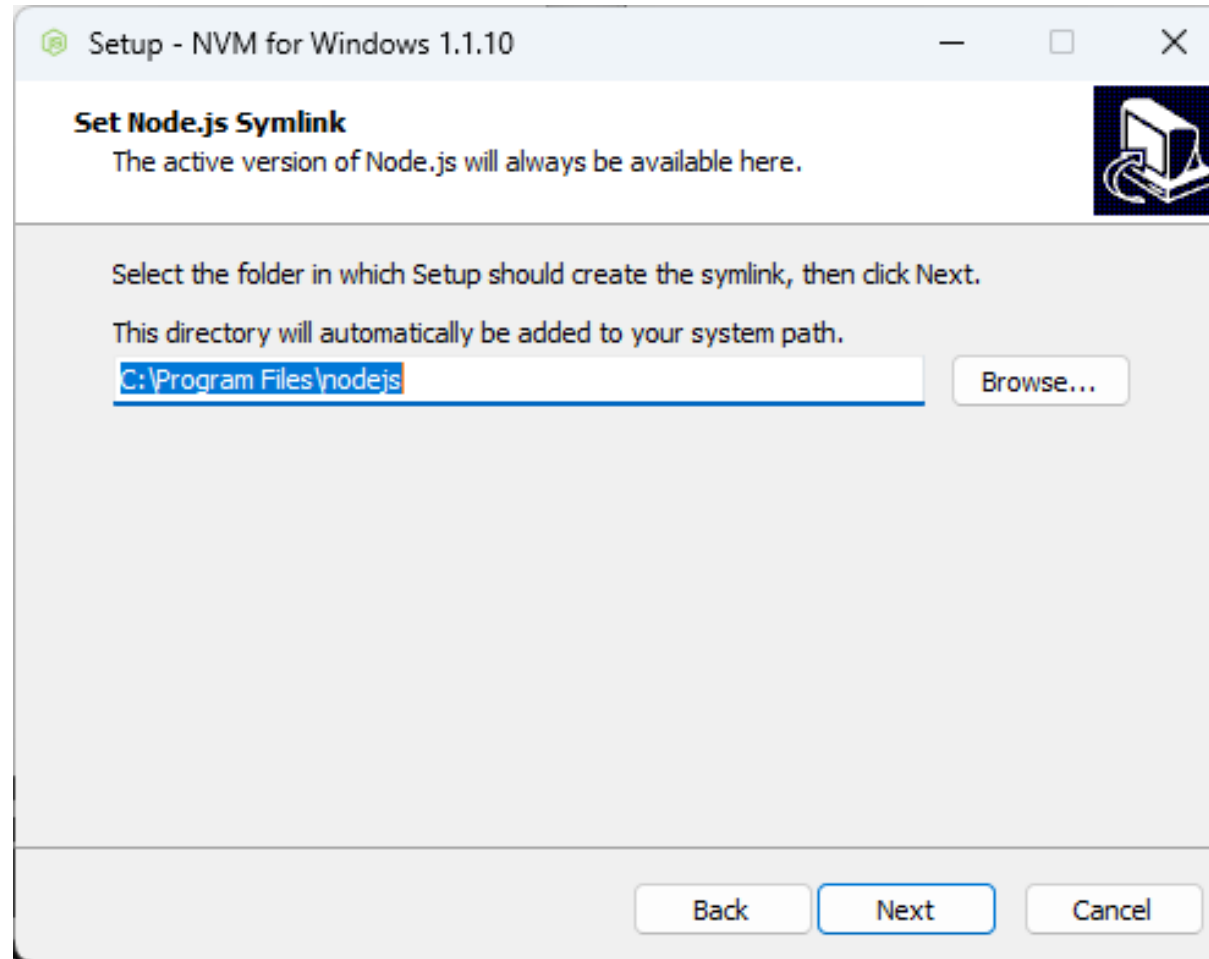
# Node.js με NVM σε Windows





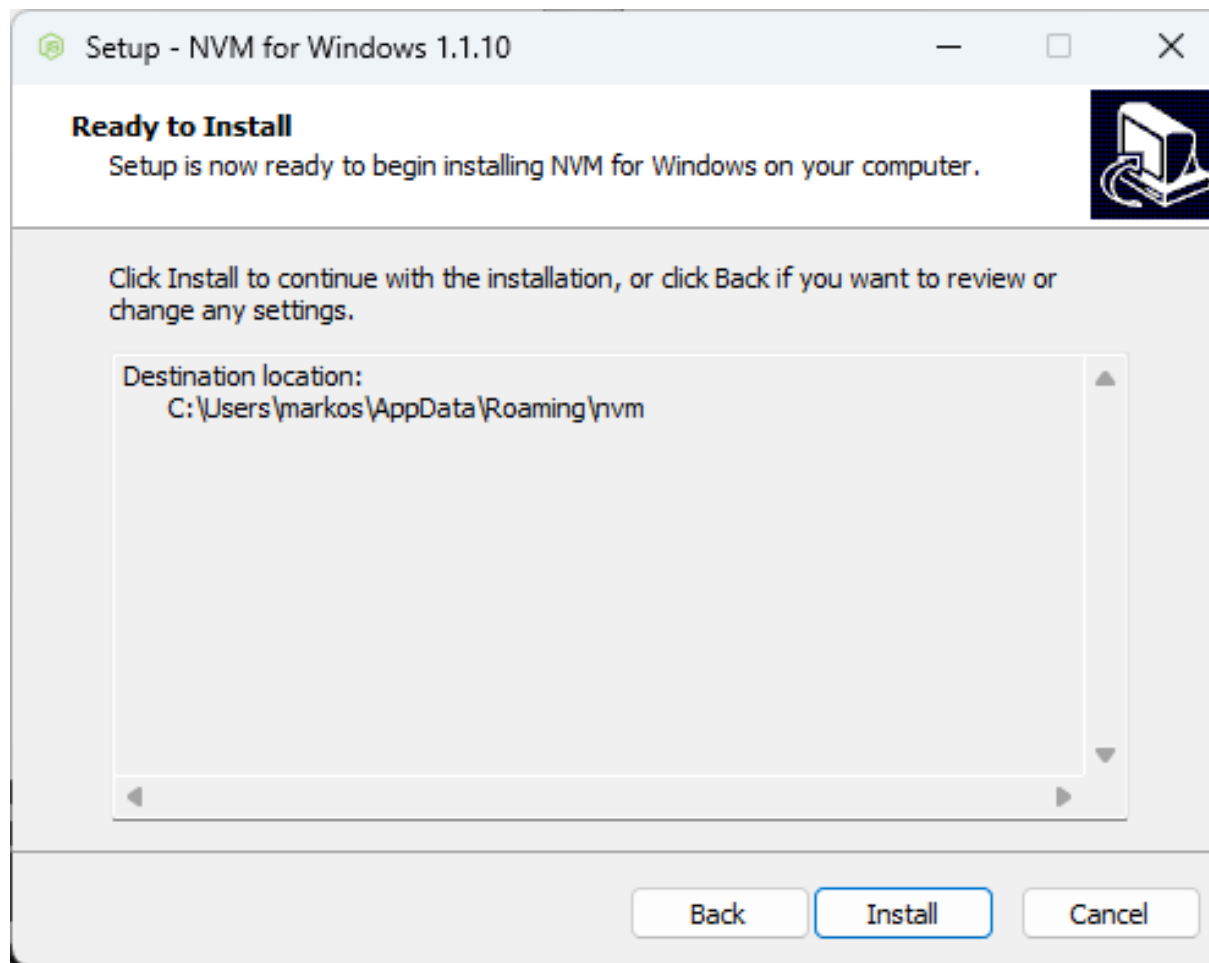


# Node.js με NVM σε Windows



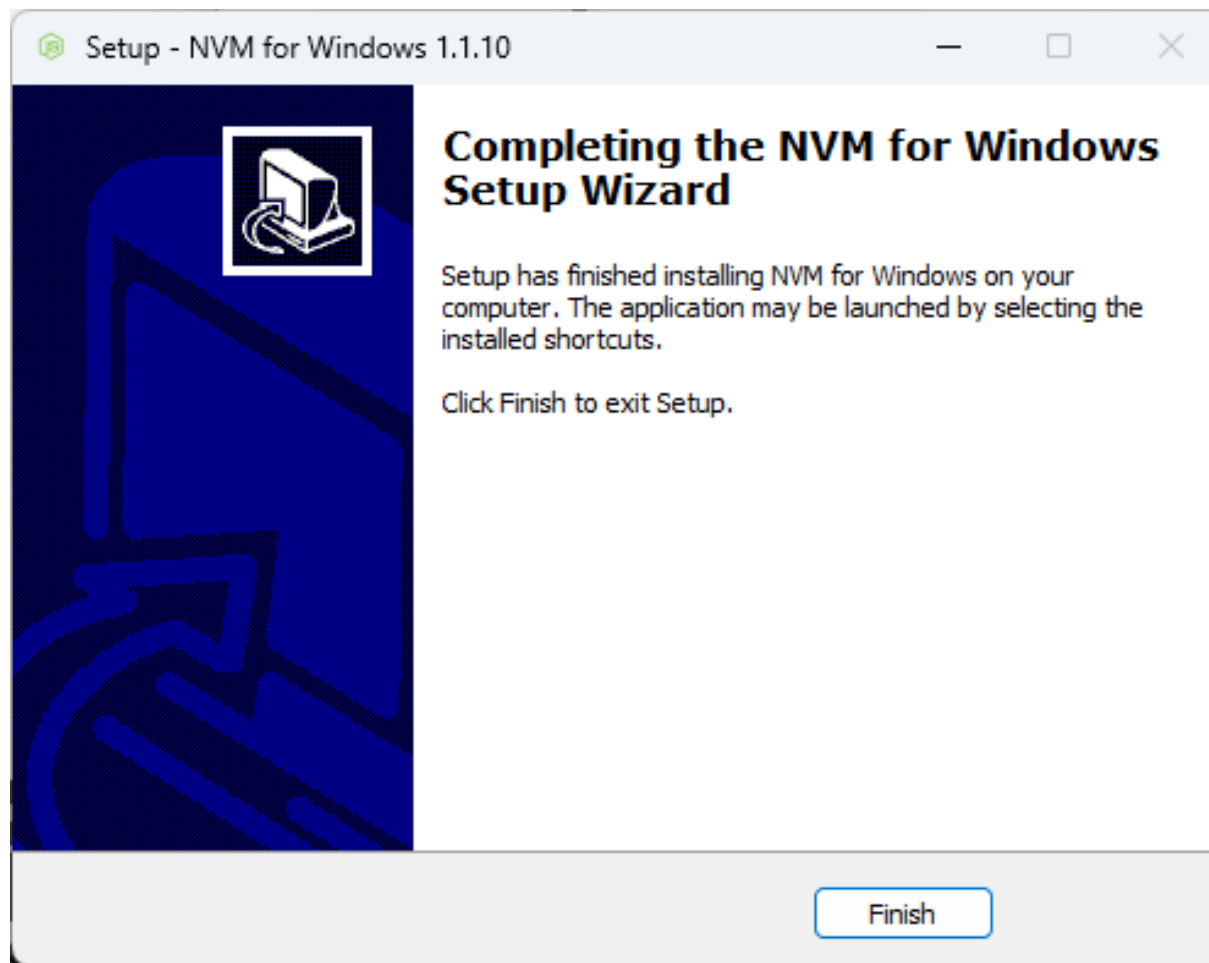


# Node.js με NVM σε Windows





# Node.js με NVM σε Windows





# Node.js με NVM σε Windows

Εντολή `> nvm -v` : εμφανίζει την έκδοση του nvm

```
Command Prompt
nvm install <version> [arch] : The version can be a specific version, "latest" for the latest current version, or "lts"
" for the
                                most recent LTS version. Optionally specify whether to install the 32 or 64 bit version
                                (defaults
                                to system arch). Set [arch] to "all" to install 32 AND 64 bit versions.
                                Add --insecure to the end of this command to bypass SSL validation of the remote downlo
                                ad server.
nvm list [available]          : List the node.js installations. Type "available" at the end to see what can be installe
d. Aliased as ls.
nvm on                        : Enable node.js version management.
nvm off                       : Disable node.js version management.
nvm proxy [url]              : Set a proxy to use for downloads. Leave [url] blank to see the current proxy.
                                Set [url] to "none" to remove the proxy.
nvm node_mirror [url]        : Set the node mirror. Defaults to https://nodejs.org/dist/. Leave [url] blank to use def
ault url.
nvm npm_mirror [url]         : Set the npm mirror. Defaults to https://github.com/npm/cli/archive/. Leave [url] blank
to default url.
nvm uninstall <version>      : The version must be a specific version.
nvm use [version] [arch]     : Switch to use the specified version. Optionally use "latest", "lts", or "newest".
                                "newest" is the latest installed version. Optionally specify 32/64bit architecture.
                                nvm use <arch> will continue using the selected version, but switch to 32/64 bit mode.
nvm root [path]              : Set the directory where nvm should store different versions of node.js.
                                If <path> is not set, the current root will be displayed.
nvm [--]version               : Displays the current running version of nvm for Windows. Aliased as v.

C:\Users\markos>nvm -v
1.1.10

C:\Users\markos>
```



# Node.js με NVM σε Windows

**Εντολή** `> nvm list available` : εμφανίζει όλες τις διαθέσιμες εκδόσεις του node που μπορούν να εγκατασταθούν

```
1.1.10
C:\Users\markos>nvm list available
```

CURRENT	LTS	OLD STABLE	OLD UNSTABLE
19.1.0	18.12.1	0.12.18	0.11.16
19.0.1	18.12.0	0.12.17	0.11.15
19.0.0	16.18.1	0.12.16	0.11.14
18.11.0	16.18.0	0.12.15	0.11.13
18.10.0	16.17.1	0.12.14	0.11.12
18.9.1	16.17.0	0.12.13	0.11.11
18.9.0	16.16.0	0.12.12	0.11.10
18.8.0	16.15.1	0.12.11	0.11.9
18.7.0	16.15.0	0.12.10	0.11.8
18.6.0	16.14.2	0.12.9	0.11.7
18.5.0	16.14.1	0.12.8	0.11.6
18.4.0	16.14.0	0.12.7	0.11.5
18.3.0	16.13.2	0.12.6	0.11.4
18.2.0	16.13.1	0.12.5	0.11.3
18.1.0	16.13.0	0.12.4	0.11.2
18.0.0	14.21.1	0.12.3	0.11.1
17.9.1	14.21.0	0.12.2	0.11.0
17.9.0	14.20.1	0.12.1	0.9.12
17.8.0	14.20.0	0.12.0	0.9.11
17.7.2	14.19.3	0.10.48	0.9.10

This is a partial list. For a complete list, visit <https://nodejs.org/en/download/releases>

```
C:\Users\markos>
```



# Node.js με NVM σε Windows

Εντολή > `nvm install latest` : εγκαθιστά την τελευταία έκδοση

```
1.1.10
C:\Users\markos>nvm list available
```

CURRENT	LTS	OLD STABLE	OLD UNSTABLE
19.1.0	18.12.1	0.12.18	0.11.16
19.0.1	18.12.0	0.12.17	0.11.15
19.0.0	16.18.1	0.12.16	0.11.14
18.11.0	16.18.0	0.12.15	0.11.13
18.10.0	16.17.1	0.12.14	0.11.12
18.9.1	16.17.0	0.12.13	0.11.11
18.9.0	16.16.0	0.12.12	0.11.10
18.8.0	16.15.1	0.12.11	0.11.9
18.7.0	16.15.0	0.12.10	0.11.8
18.6.0	16.14.2	0.12.9	0.11.7
18.5.0	16.14.1	0.12.8	0.11.6
18.4.0	16.14.0	0.12.7	0.11.5
18.3.0	16.13.2	0.12.6	0.11.4
18.2.0	16.13.1	0.12.5	0.11.3
18.1.0	16.13.0	0.12.4	0.11.2
18.0.0	14.21.1	0.12.3	0.11.1
17.9.1	14.21.0	0.12.2	0.11.0
17.9.0	14.20.1	0.12.1	0.9.12
17.8.0	14.20.0	0.12.0	0.9.11
17.7.2	14.19.3	0.10.48	0.9.10

```
This is a partial list. For a complete list, visit https://nodejs.org/en/download/releases
C:\Users\markos>nvm install latest|
```



# Node.js με NVM σε Windows

**Εντολή** `> nvm install lts` : εγκαθιστά την τελευταία έκδοση με long term support (προτείνεται)

```
1.1.10
C:\Users\markos>nvm list available
```

CURRENT	LTS	OLD STABLE	OLD UNSTABLE
19.1.0	18.12.1	0.12.18	0.11.16
19.0.1	18.12.0	0.12.17	0.11.15
19.0.0	16.18.1	0.12.16	0.11.14
18.11.0	16.18.0	0.12.15	0.11.13
18.10.0	16.17.1	0.12.14	0.11.12
18.9.1	16.17.0	0.12.13	0.11.11
18.9.0	16.16.0	0.12.12	0.11.10
18.8.0	16.15.1	0.12.11	0.11.9
18.7.0	16.15.0	0.12.10	0.11.8
18.6.0	16.14.2	0.12.9	0.11.7
18.5.0	16.14.1	0.12.8	0.11.6
18.4.0	16.14.0	0.12.7	0.11.5
18.3.0	16.13.2	0.12.6	0.11.4
18.2.0	16.13.1	0.12.5	0.11.3
18.1.0	16.13.0	0.12.4	0.11.2
18.0.0	14.21.1	0.12.3	0.11.1
17.9.1	14.21.0	0.12.2	0.11.0
17.9.0	14.20.1	0.12.1	0.9.12
17.8.0	14.20.0	0.12.0	0.9.11
17.7.2	14.19.3	0.10.48	0.9.10

This is a partial list. For a complete list, visit <https://nodejs.org/en/download/releases>

```
C:\Users\markos>nvm install lts|
```

```
C:\Users\markos>nvm list available
```

CURRENT	LTS	OLD STABLE	OLD UNSTABLE
19.1.0	18.12.1	0.12.18	0.11.16
19.0.1	18.12.0	0.12.17	0.11.15
19.0.0	16.18.1	0.12.16	0.11.14
18.11.0	16.18.0	0.12.15	0.11.13
18.10.0	16.17.1	0.12.14	0.11.12
18.9.1	16.17.0	0.12.13	0.11.11
18.9.0	16.16.0	0.12.12	0.11.10
18.8.0	16.15.1	0.12.11	0.11.9
18.7.0	16.15.0	0.12.10	0.11.8
18.6.0	16.14.2	0.12.9	0.11.7
18.5.0	16.14.1	0.12.8	0.11.6
18.4.0	16.14.0	0.12.7	0.11.5
18.3.0	16.13.2	0.12.6	0.11.4
18.2.0	16.13.1	0.12.5	0.11.3
18.1.0	16.13.0	0.12.4	0.11.2
18.0.0	14.21.1	0.12.3	0.11.1
17.9.1	14.21.0	0.12.2	0.11.0
17.9.0	14.20.1	0.12.1	0.9.12
17.8.0	14.20.0	0.12.0	0.9.11
17.7.2	14.19.3	0.10.48	0.9.10

This is a partial list. For a complete list, visit <https://nodejs.org/en/download/releases>

```
C:\Users\markos>nvm install lts
Downloading node.js version 18.12.1 (64-bit)...
```



# Node.js με NVM σε Windows

**Εντολή** `> nvm use "node version"` : χρησιμοποιεί ως προεπιλογή κάποια από τις εγκατεστημένες εκδόσεις του node

**Προσοχή:** το cmd παράθυρο να έχει ανοίξει με Run as administrator

```
Command Prompt
| 18.9.1 | 16.17.0 | 0.12.13 | 0.11.11 |
| 18.9.0 | 16.16.0 | 0.12.12 | 0.11.10 |
| 18.8.0 | 16.15.1 | 0.12.11 | 0.11.9 |
| 18.7.0 | 16.15.0 | 0.12.10 | 0.11.8 |
| 18.6.0 | 16.14.2 | 0.12.9 | 0.11.7 |
| 18.5.0 | 16.14.1 | 0.12.8 | 0.11.6 |
| 18.4.0 | 16.14.0 | 0.12.7 | 0.11.5 |
| 18.3.0 | 16.13.2 | 0.12.6 | 0.11.4 |
| 18.2.0 | 16.13.1 | 0.12.5 | 0.11.3 |
| 18.1.0 | 16.13.0 | 0.12.4 | 0.11.2 |
| 18.0.0 | 14.21.1 | 0.12.3 | 0.11.1 |
| 17.9.1 | 14.21.0 | 0.12.2 | 0.11.0 |
| 17.9.0 | 14.20.1 | 0.12.1 | 0.9.12 |
| 17.8.0 | 14.20.0 | 0.12.0 | 0.9.11 |
| 17.7.2 | 14.19.3 | 0.10.48 | 0.9.10 |

This is a partial list. For a complete list, visit https://nodejs.org/en/download/releases

C:\Users\markos>nvm install lts
Downloading node.js version 18.12.1 (64-bit)...
Extracting node and npm...
Complete
npm v8.19.2 installed successfully.

Installation complete. If you want to use this version, type

nvm use 18.12.1

C:\Users\markos>
```

```
C:\Users\markos>nvm use 18.12.1
Now using node v18.12.1 (64-bit)

C:\Users\markos>nvm list

* 18.12.1 (Currently using 64-bit executable)
```