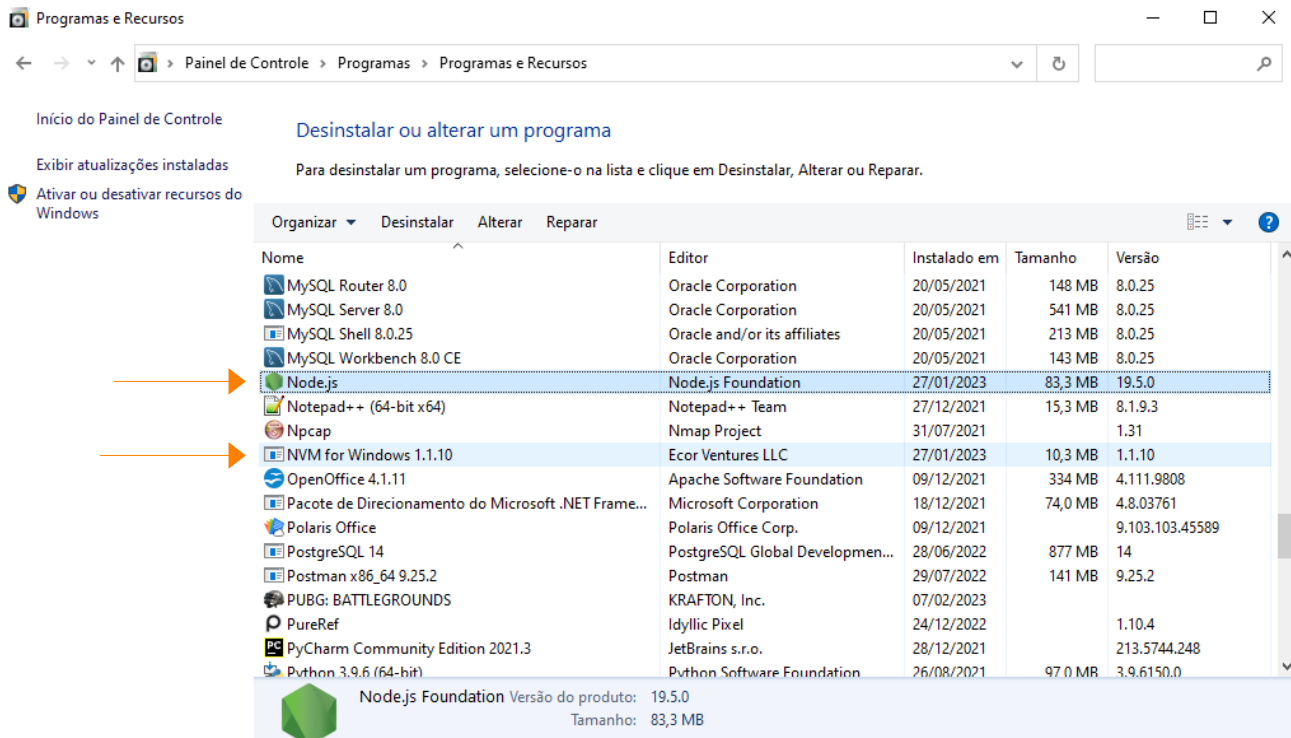
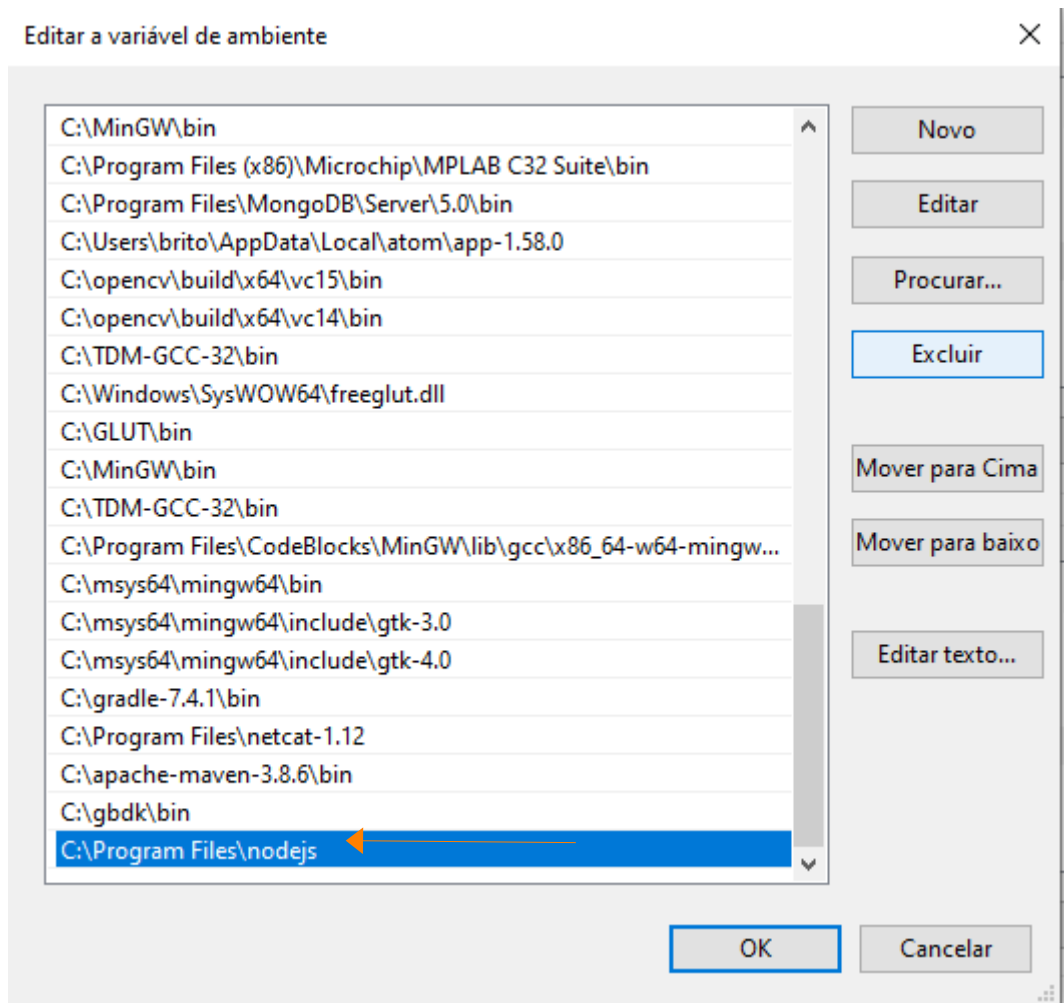


INSTALAÇÃO DO NODE COM NVM

Antes de tudo devemos desinstalar as versões do node e do npm.
Deletamos também o node das variáveis de ambiente.
Depois disso reiniciar a máquina.
Baixamos o node do site oficial.
E o nvm é como vamos fazer nesse tutorial.



desinstalamos o node e o nvm.



EXCLUIMOS O NODE DAS VARIÁVEIS DE AMBIENTE O PATH.

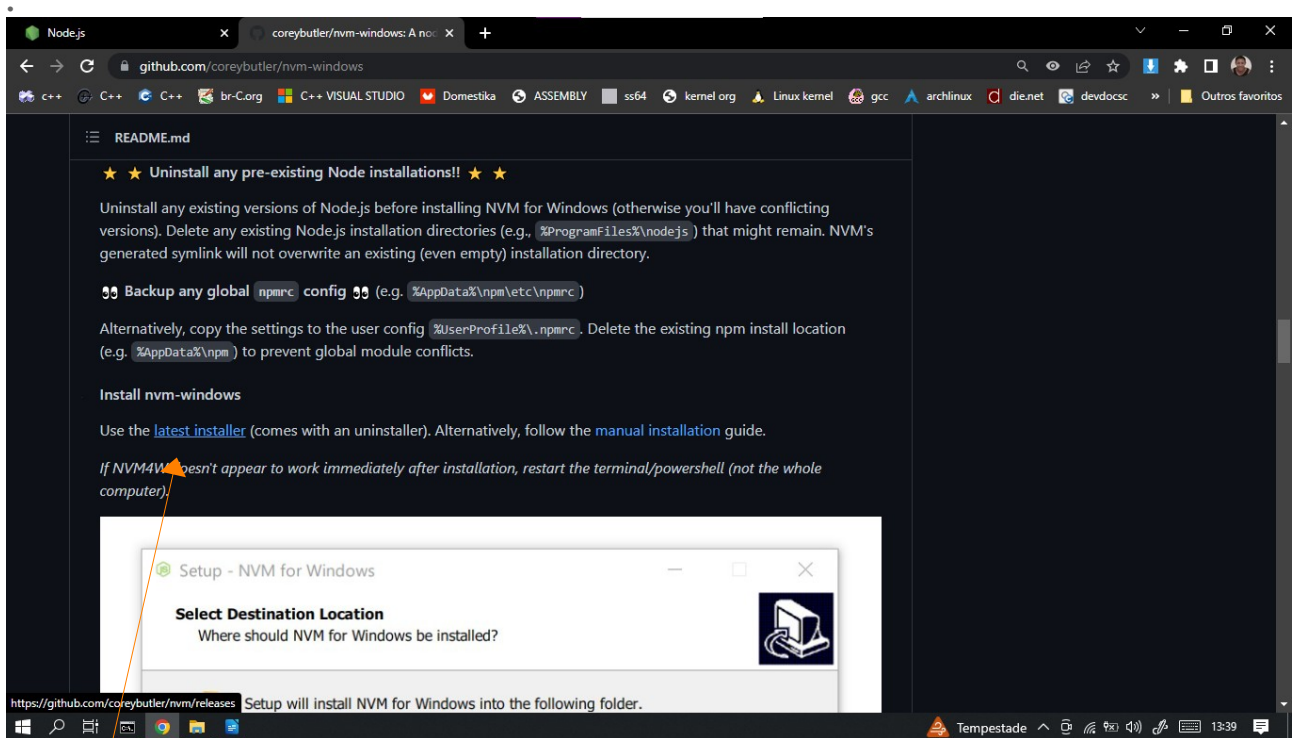
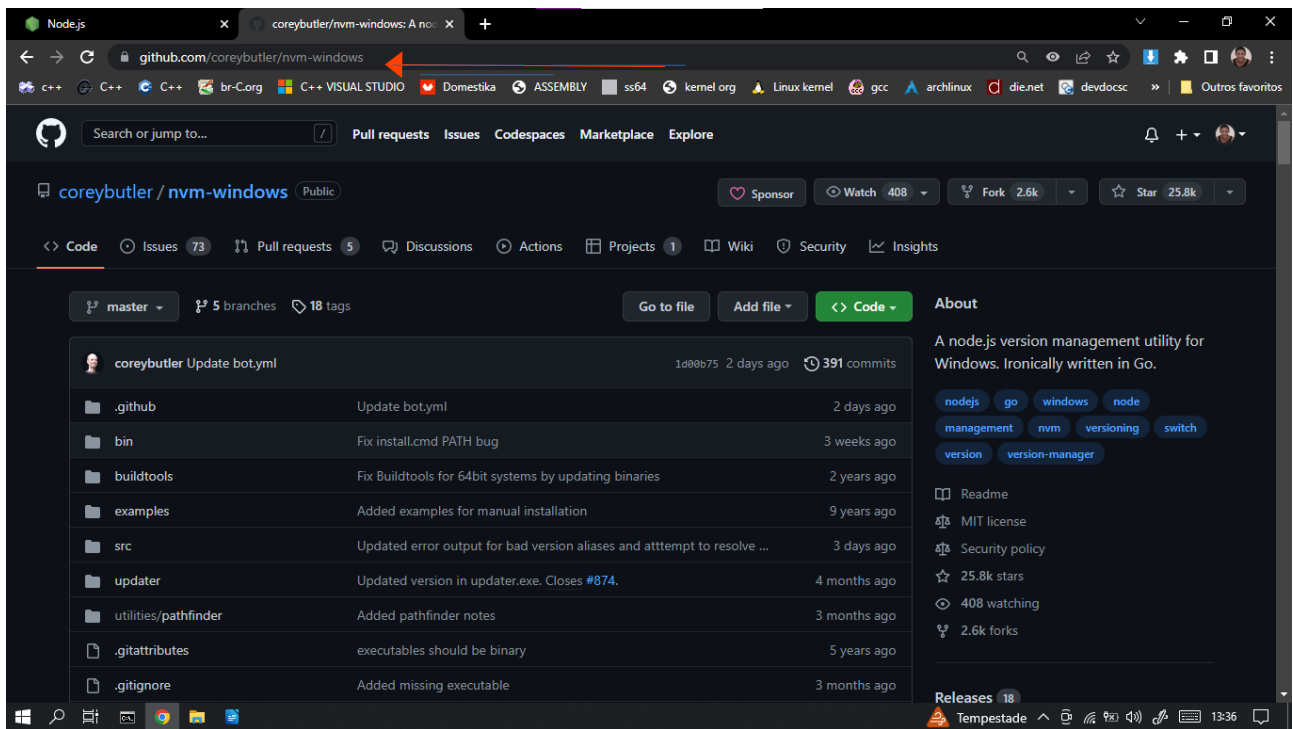
Agora reiniciamos o pc.

O QUE É O NVM?

É uma ferramenta de versionamento ou seja podemos escolher qual versão do nodejs usar.

Agora baixamos o node e o nvm.

Mas instalamos primeiro o nvm depois o node.



Node.js x Releases · coreybutler/nvm-wind x +

github.com/coreybutler/nvm-windows/releases

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Releases Tags Find a release

Oct 31, 2022
coreybutler
1.1.10
22a43ef

Compare

1.1.10 Latest

This is primarily a bug fix release.

Many users have requested UAC prompts be reinstated. NVM4W attempts to run commands without elevation. If this succeeds (i.e. developer mode is enabled and active), the process continues without prompts. If a command fails, an attempt to run it with elevated privileges will trigger the UAC prompt.

What's Changed

- Update error message when missing version argument. Fixes #722. by @Oliver in #731
- Fix README.md incorrect element close by @WORMSS in #768

Node.js x Releases · coreybutler/nvm-wind x +

github.com/coreybutler/nvm-windows/releases

Oliver, WORMSS, and 6 other contributors

Assets 10

nvm-noinstall.zip	4.31 MB	Oct 31, 2022
nvm-noinstall.zip.checksum.txt	34 Bytes	Oct 31, 2022
nvm-setup.exe	5.22 MB	Nov 12, 2022
nvm-setup.zip	4.72 MB	Oct 31, 2022
nvm-setup.zip.checksum.txt	34 Bytes	Oct 31, 2022
nvm-update.exe	7.08 MB	Nov 12, 2022
nvm-update.zip	4.08 MB	Nov 1, 2022
nvm-update.zip.checksum.txt	34 Bytes	Nov 1, 2022
Source code (zip)		Oct 31, 2022
Source code (tar.gz)		Oct 31, 2022

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Dec 10, 2021

1.1.9

https://github.com/coreybutler/nvm-windows/releases/download/1.1.10/nvm-setup.zip

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G++

Ontem (1)



Nome:

nvm-setup.zip

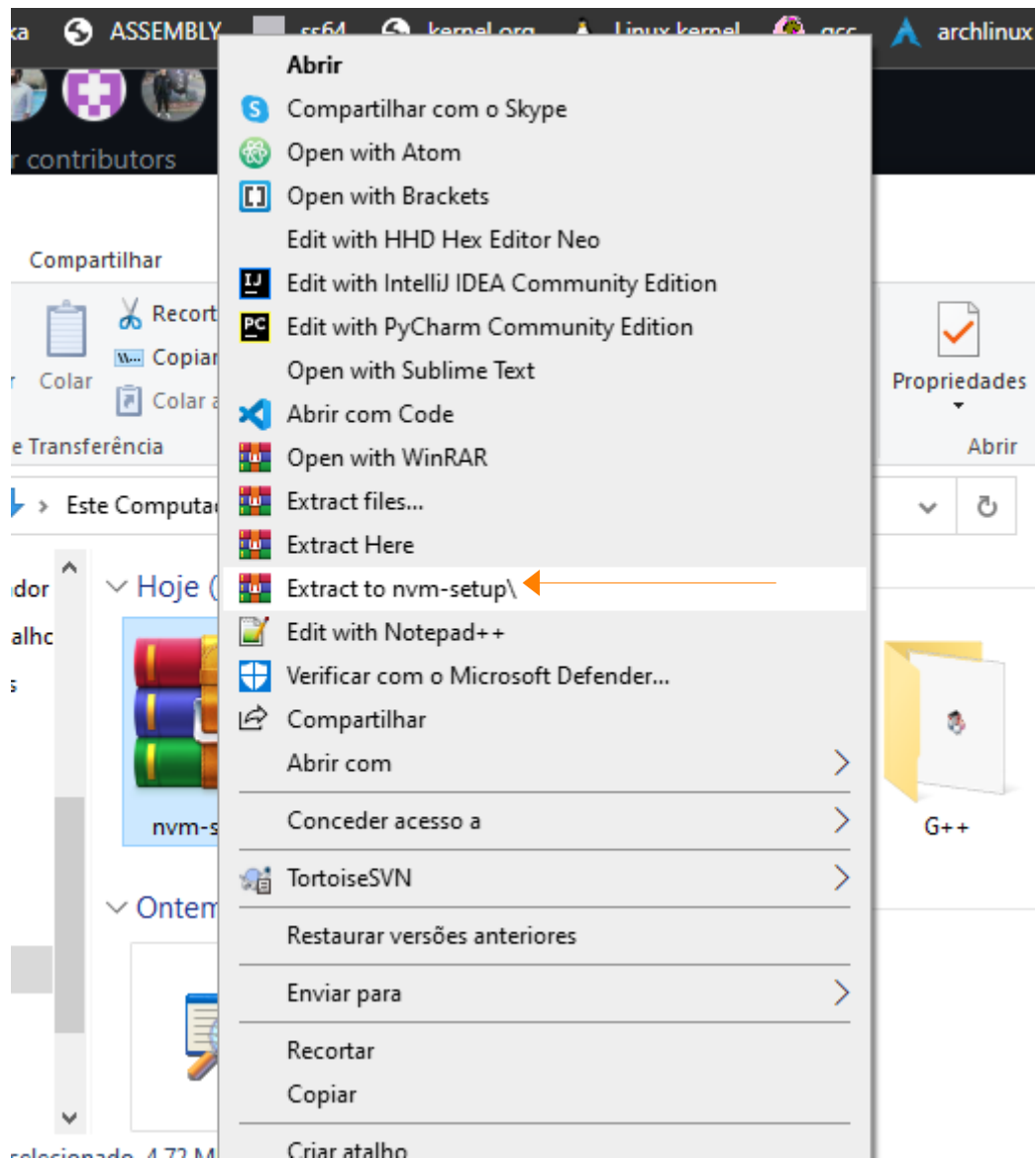
Tipo:

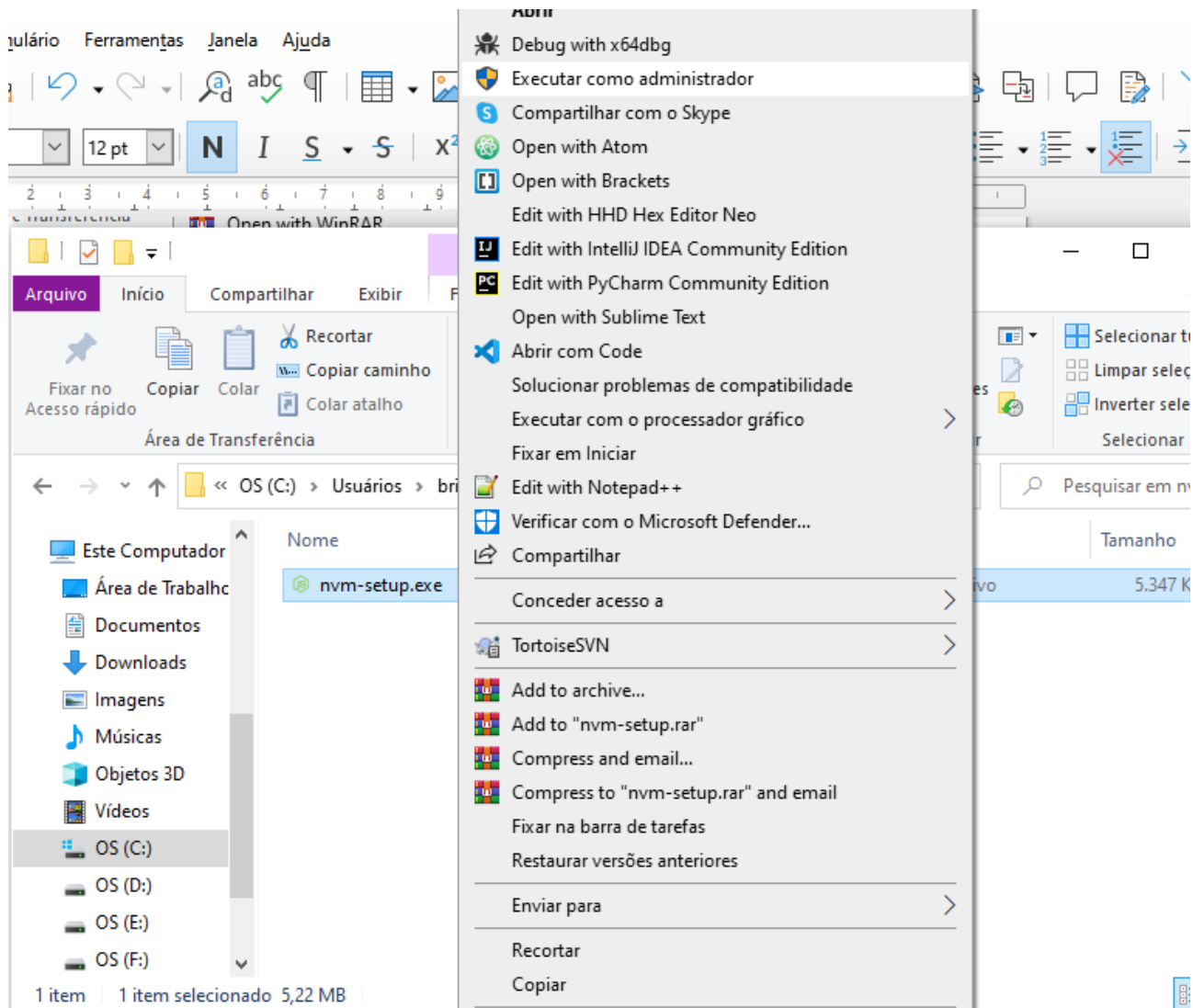
WinRAR ZIP archive (*.zip)

Ocultar pastas

Salvar

Cancelar





License Agreement

Please read the following important information before continuing.



Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

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- ☒ I accept the agreement
☐ I do not accept the agreement

Next

Cancel

Select Destination Location

Where should NVM for Windows be installed?



Setup will install NVM for Windows into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

C:\Users\brito\AppData\Roaming\nvm

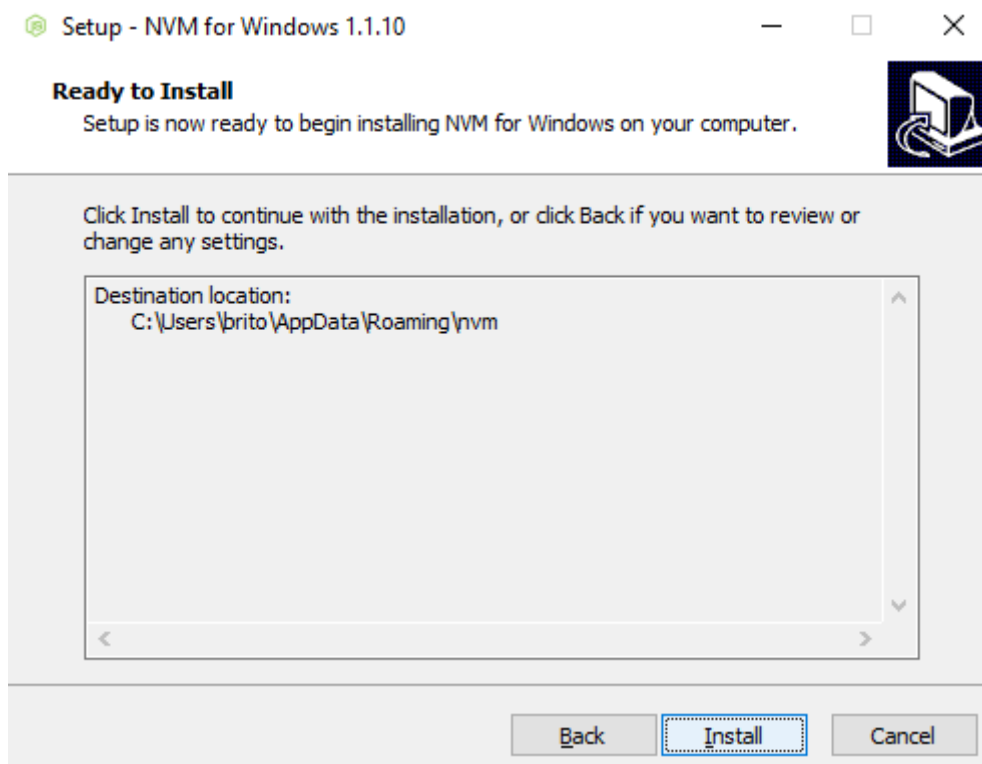
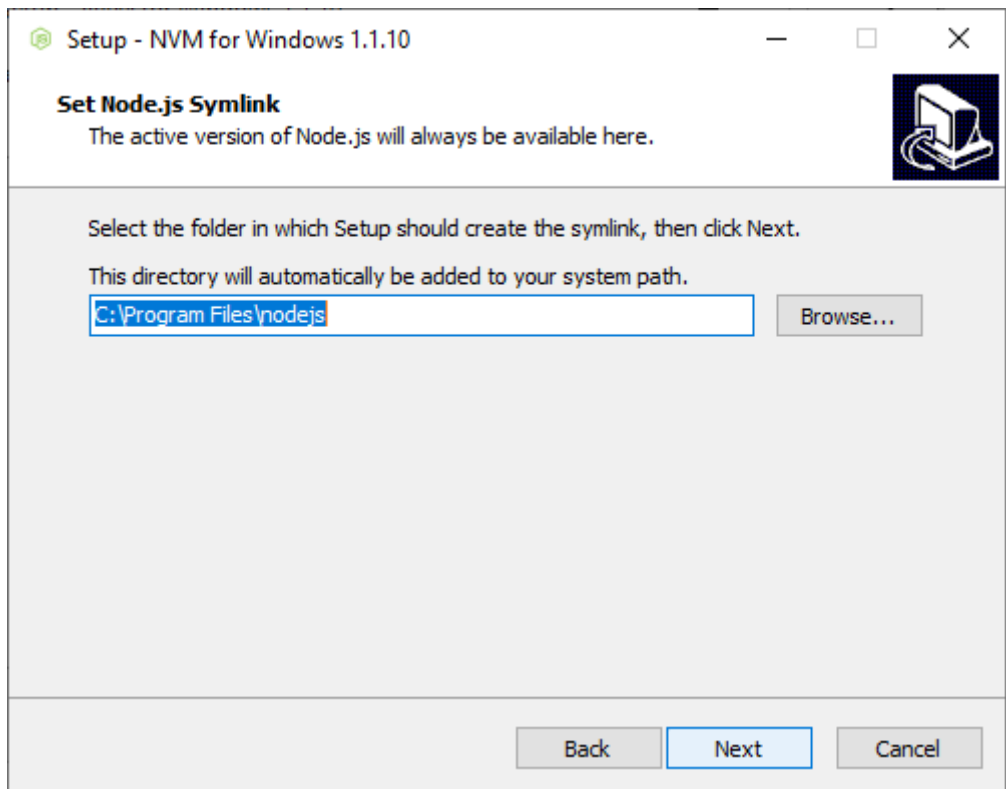
Browse...

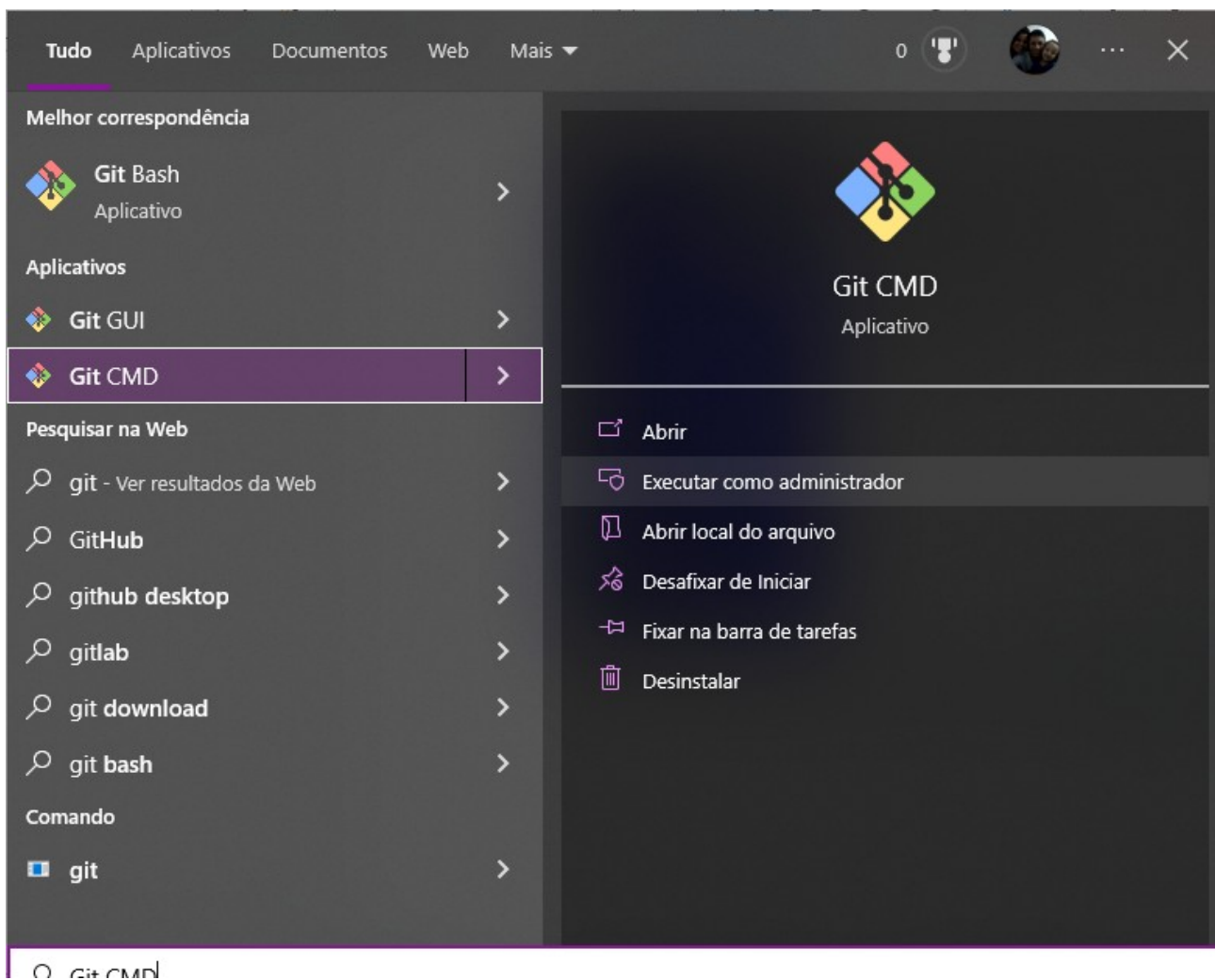
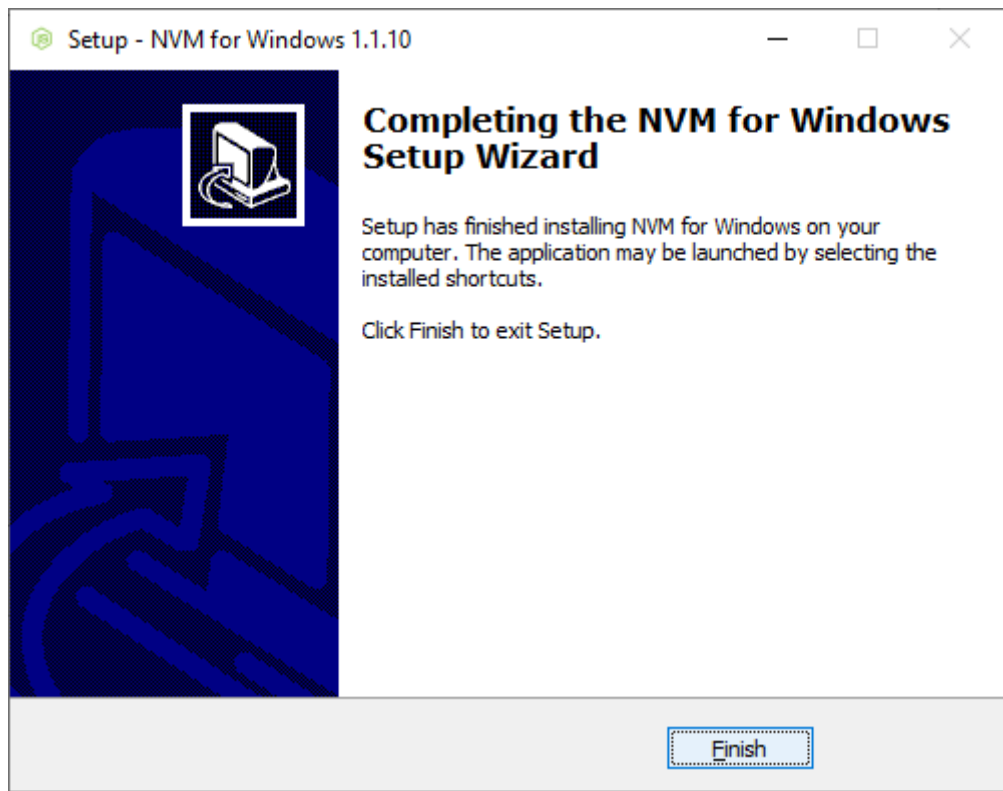
At least 10,4 MB of free disk space is required.

Back

Next

Cancel





```
Administrador: Git CMD
C:\Users\brito>nvm --version
1.1.10
C:\Users\brito>
```

```
Administrador: Git CMD
C:\Users\brito>nvm --version
1.1.10
C:\Users\brito>node --version
v6.14.0
C:\Users\brito>npm --version
'npm' não é reconhecido como um comando interno
ou externo, um programa operável ou um arquivo em lotes.
C:\Users\brito>
```

fazendo a instalação do node via nvm.

The screenshot shows the Node.js website with a Git CMD terminal window open. The terminal displays the following commands and output:

```
C:\Users\brito>nvm --version
1.1.10

C:\Users\brito>node --version
v6.14.0

C:\Users\brito>npm --version
'npm' não é reconhecido como um comando interno
ou externo, um programa operável ou um arquivo em lotes.

C:\Users\brito>nvm install v18.14.0
```

Below the terminal, two green buttons are visible: "18.14.0 LTS" (Recommended for most users) and "19.6.0 Atual" (Latest features). A red arrow points from the "18.14.0 LTS" button to the terminal output.

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nvm-setup.zip

26°C Nublado 13:56

The screenshot shows a Git CMD terminal window with the following commands and output:

```
C:\Users\brito>nvm --version
1.1.10

C:\Users\brito>node --version
v6.14.0

C:\Users\brito>npm --version
'npm' não é reconhecido como um comando interno
ou externo, um programa operável ou um arquivo em lotes.

C:\Users\brito>nvm install v18.14.0
Downloading node.js version 18.14.0 (64-bit)...
Extracting node and npm...
Complete
npm v9.3.1 installed successfully.

Installation complete. If you want to use this version, type
nvm use 18.14.0

C:\Users\brito>
```

A red arrow points from the "npm v9.3.1 installed successfully." line to the terminal output.

ele instala o node com a versão certa do npm.

Agora vou instalar outra versão do node pra testar podemos ter varias versões.
Pois o nvm é um controlador de versões.

Node.js

Administrador: Git CMD

```
C:\Users\brito>nvm --version
1.1.10

C:\Users\brito>node --version
v6.14.0

C:\Users\brito>npm --version
'npm' não é reconhecido como um comando interno
ou externo, um programa operável ou um arquivo em lotes.

C:\Users\brito>nvm install v18.14.0
Downloading node.js version 18.14.0 (64-bit)...
Extracting node and npm...
Complete
npm v9.3.1 installed successfully.

Installation complete. If you want to use this version, type
nvm use 18.14.0

C:\Users\brito>nvm install v19.6.0
```

18.14.0 LTS
Recomendado Para Maioria dos Usuários

19.6.0 Atual
Últimas Funcionalidades

[Outros Downloads](#) | [Changelog](#) | [Documentação da API](#) [Outros Downloads](#) | [Changelog](#) | [Documentação da API](#)

Ou verifique o Cronograma de versões LTS.

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nvm-setup.zip

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Chuva chegando 14:02

Administrador: Git CMD

```
C:\Users\brito>nvm install v18.14.0
Downloading node.js version 18.14.0 (64-bit)...
Extracting node and npm...
Complete
npm v9.3.1 installed successfully.

Installation complete. If you want to use this version, type
nvm use 18.14.0

C:\Users\brito>nvm install v19.6.0
Downloading node.js version 19.6.0 (64-bit)...
Extracting node and npm...
Complete
npm v9.4.0 installed successfully.

Installation complete. If you want to use this version, type
nvm use 19.6.0

C:\Users\brito>
```

```
Administrador: Git CMD

Installation complete. If you want to use this version, type
nvm use 18.14.0

C:\Users\brito>nvm install v19.6.0
Downloading node.js version 19.6.0 (64-bit)...
Extracting node and npm...
Complete
npm v9.4.0 installed successfully.

Installation complete. If you want to use this version, type
nvm use 19.6.0

C:\Users\brito>nvm ls

  19.6.0
  18.14.0
* 6.14.0 (Currently using 32-bit executable)

C:\Users\brito>
```

vendo as versões do node instaladas.

```
Administrador: Git CMD

Extracting node and npm...
Complete
npm v9.4.0 installed successfully.

Installation complete. If you want to use this version, type
nvm use 19.6.0

C:\Users\brito>nvm ls

  19.6.0
  18.14.0
* 6.14.0 (Currently using 32-bit executable)

C:\Users\brito>nvm use 19.6.0
Now using node v19.6.0 (64-bit)

C:\Users\brito>nvm ls

* 19.6.0 (Currently using 64-bit executable)
  18.14.0
  6.14.0

C:\Users\brito>
```

com o comando `nvm use` trocamos para usar a versão que queremos. Veja no quadro acima como mudou o executavel.

```
Administrador: Git CMD
npm v9.4.0 installed successfully.

Installation complete. If you want to use this version, type
npm use 19.6.0
C:\Users\brito>nvm ls
  19.6.0
  18.14.0
* 6.14.0 (Currently using 32-bit executable)
C:\Users\brito>nvm use 19.6.0
Now using node v19.6.0 (64-bit)
C:\Users\brito>nvm ls
* 19.6.0 (Currently using 64-bit executable)
  18.14.0
  6.14.0
C:\Users\brito>node -v
v19.6.0
C:\Users\brito>
```

```
Administrador: Git CMD
Installation complete. If you want to use this version, type
npm use 19.6.0
C:\Users\brito>nvm ls
  19.6.0
  18.14.0
* 6.14.0 (Currently using 32-bit executable)
C:\Users\brito>nvm use 19.6.0
Now using node v19.6.0 (64-bit)
C:\Users\brito>nvm ls
* 19.6.0 (Currently using 64-bit executable)
  18.14.0
  6.14.0
C:\Users\brito>node -v
v19.6.0
C:\Users\brito>npm -v
9.4.0
C:\Users\brito>
```

```
Administrador: Git CMD
Installation complete. If you want to use this version, type
nvm use 19.6.0
C:\Users\brito>nvm ls
  19.6.0
  18.14.0
* 6.14.0 (Currently using 32-bit executable)
C:\Users\brito>nvm use 19.6.0
Now using node v19.6.0 (64-bit)
C:\Users\brito>nvm ls
  * 19.6.0 (Currently using 64-bit executable)
  18.14.0
  6.14.0
C:\Users\brito>node -v
v19.6.0
C:\Users\brito>npm -v
9.4.0
C:\Users\brito>nvm uninstall 6.14.0
```

desinstalando uma versão.

```
Administrador: Git CMD
Now using node v19.6.0 (64-bit)
C:\Users\brito>nvm ls
  * 19.6.0 (Currently using 64-bit executable)
  18.14.0
  6.14.0
C:\Users\brito>node -v
v19.6.0
C:\Users\brito>npm -v
9.4.0
C:\Users\brito>nvm uninstall 6.14.0
Uninstalling node v6.14.0... done
C:\Users\brito>ls
'ls' não é reconhecido como um comando interno
ou externo, um programa operável ou um arquivo em lotes.
C:\Users\brito>nvm ls
  * 19.6.0 (Currently using 64-bit executable)
  18.14.0
C:\Users\brito>
```

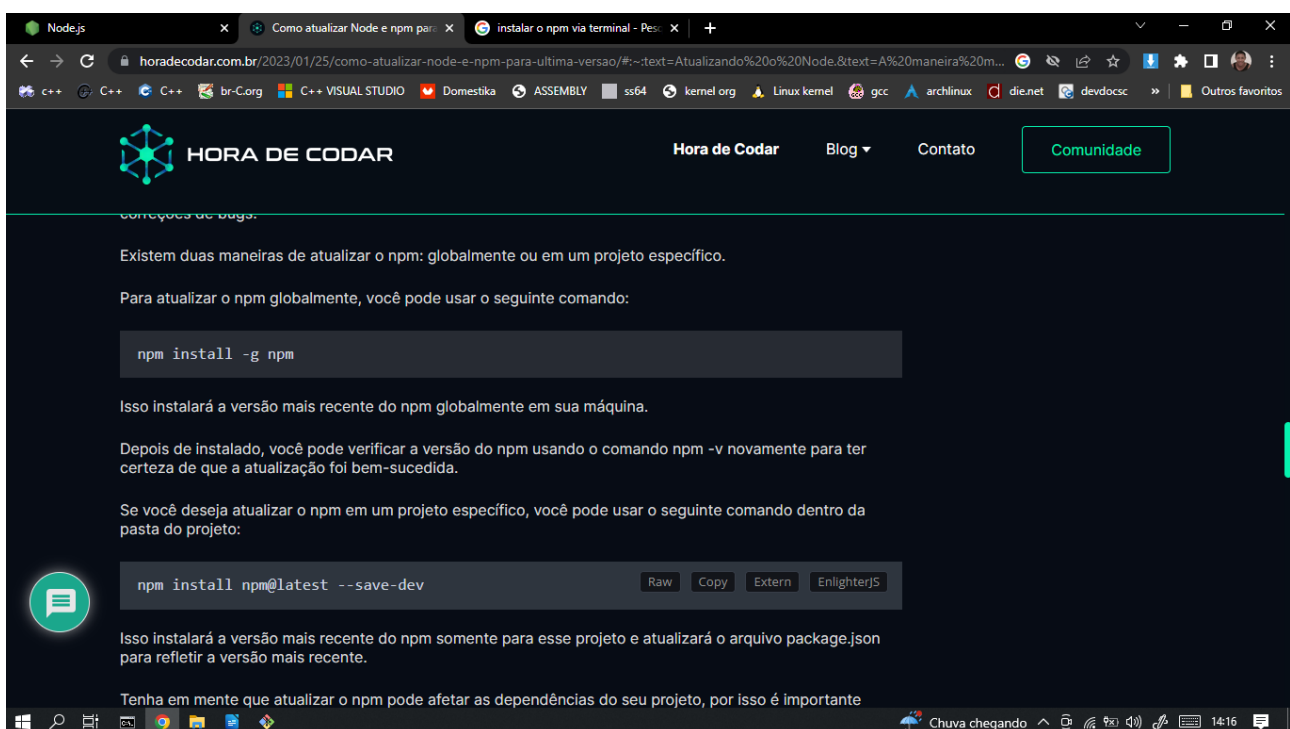
não temos mais a versão 6.14.0


```
Administrador: Git CMD
18.14.0

C:\Users\brito>nvm ls-remote
Running version 1.1.10.

Usage:
nvm arch                : Show if node is running in 32 or 64 bit mode.
nvm current             : Display active version.
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 download server.
nvm list [available]    : List the node.js installations. Type "available" at the end to see what can be installed. 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 default 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.
```

versões disponíveis para download.



Node.js

Como atualizar Node e npm para: x

instalar o npm via terminal - Pes: x

horadecodar.com.br/2023/01/25/como-atualizar-node-e-npm-para-ultima-versao/#:~:text=Atualizando%20o%20Node.&text=A%20maneira%20m...

Node.js

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Existem duas maneiras de atualizar o npm: globalmente ou em um projeto específico.

Para atualizar o npm globalmente, você pode usar o seguinte comando:

```
npm install -g npm
```

Isso instalará a versão mais recente do npm globalmente em sua máquina.

Depois de instalado, você pode verificar a versão do npm usando o comando `npm -v` novamente para ter certeza de que a atualização foi bem-sucedida.

Se você deseja atualizar o npm em um projeto específico, você pode usar o seguinte comando dentro da pasta do projeto:

```
npm install npm@latest --save-dev
```

Isso instalará a versão mais recente do npm somente para esse projeto e atualizará o arquivo `package.json` para refletir a versão mais recente.

Tenha em mente que atualizar o npm pode afetar as dependências do seu projeto, por isso é importante

FIM
recomando leitura da docs do node do nvm e do npm

tutorial by:
NANO
2023