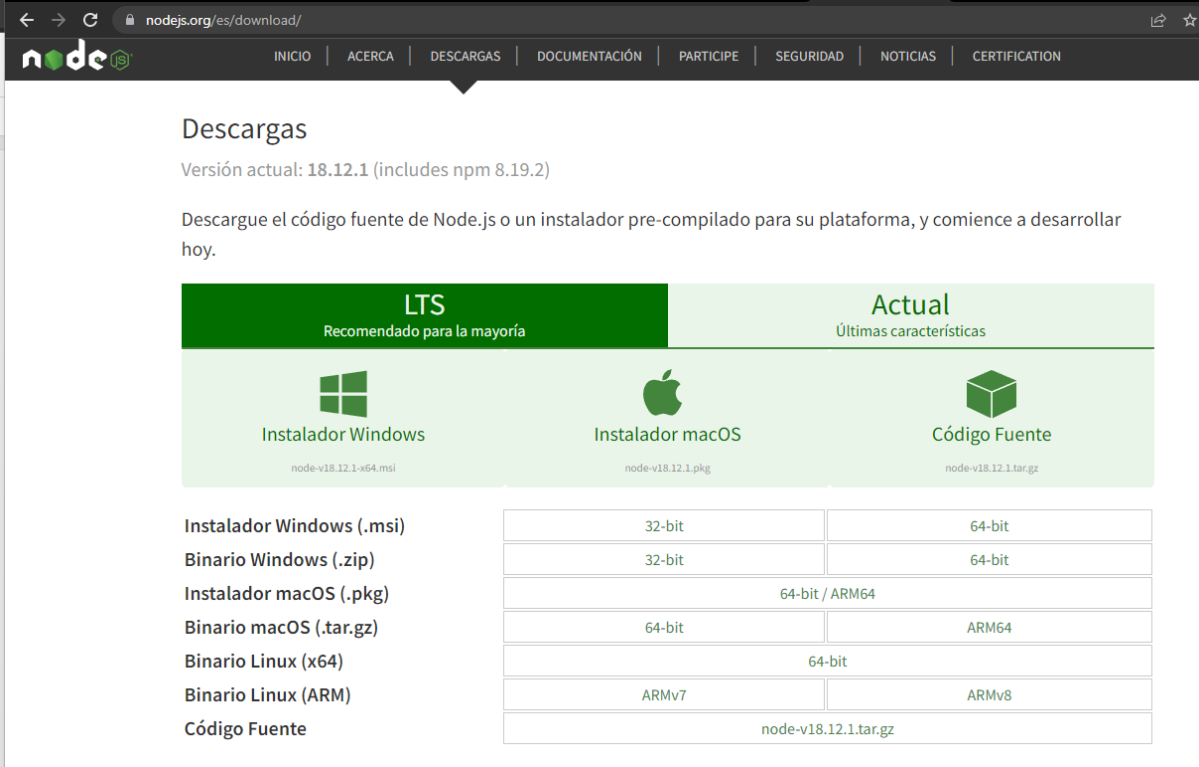


Tutorial de instalación de Node y NPM en Windows 10

1) Descargar e instalar desde la página [nodejs.org/es/](https://nodejs.org/es/download/) la versión LTS



Descargas

Versión actual: 18.12.1 (includes npm 8.19.2)

Descargue el código fuente de Node.js o un instalador pre-compilado para su plataforma, y comience a desarrollar hoy.

LTS
Recomendado para la mayoría

Actual
Últimas características

Instalador Windows
node-v18.12.1-x64.msi

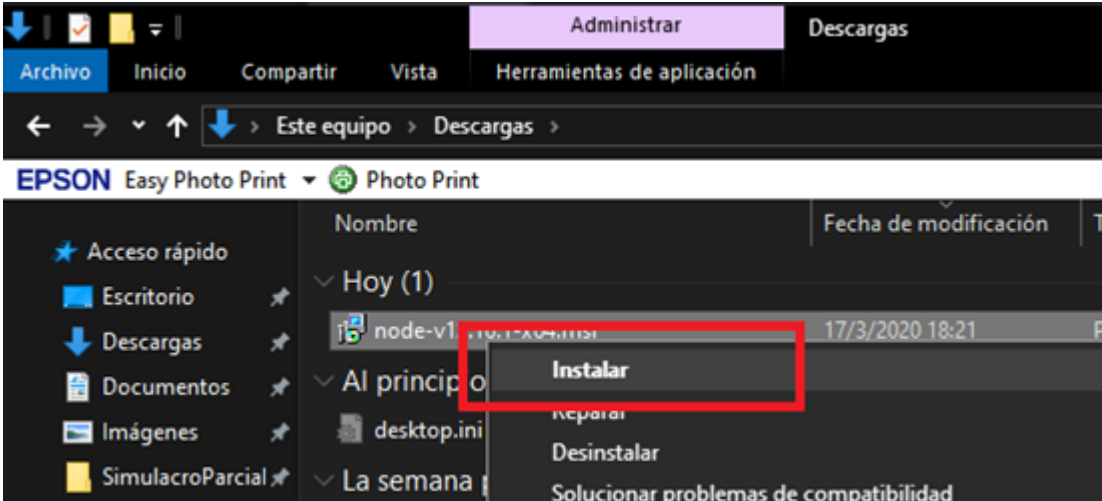
Instalador macOS
node-v18.12.1.pkg

Código Fuente
node-v18.12.1.tar.gz

Instalador Windows (.msi)
Binario Windows (.zip)
Instalador macOS (.pkg)
Binario macOS (.tar.gz)
Binario Linux (x64)
Binario Linux (ARM)
Código Fuente

32-bit	64-bit
32-bit	64-bit
64-bit / ARM64	
64-bit	ARM64
64-bit	
ARMv7	ARMv8
node-v18.12.1.tar.gz	

2) Ir a la carpeta donde se descargó el software y con el botón derecho del mouse hacer click sobre el mismo y seleccionar Instalar



Administrar Descargas

Archivo Inicio Compartir Vista Herramientas de aplicación

Este equipo > Descargas >

EPSON Easy Photo Print Photo Print

Nombre Fecha de modificación

Hoy (1)

node-v18.12.1-x64.msi 17/3/2020 18:21

Al principio

desktop.ini

La semana

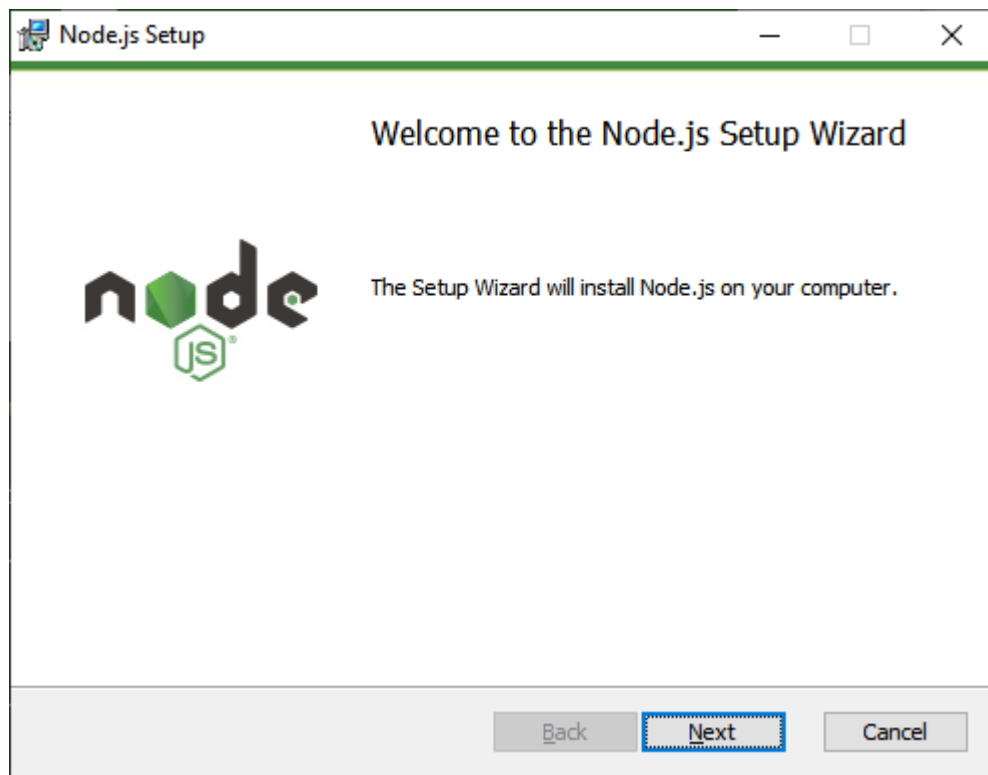
Instalar

Reparar

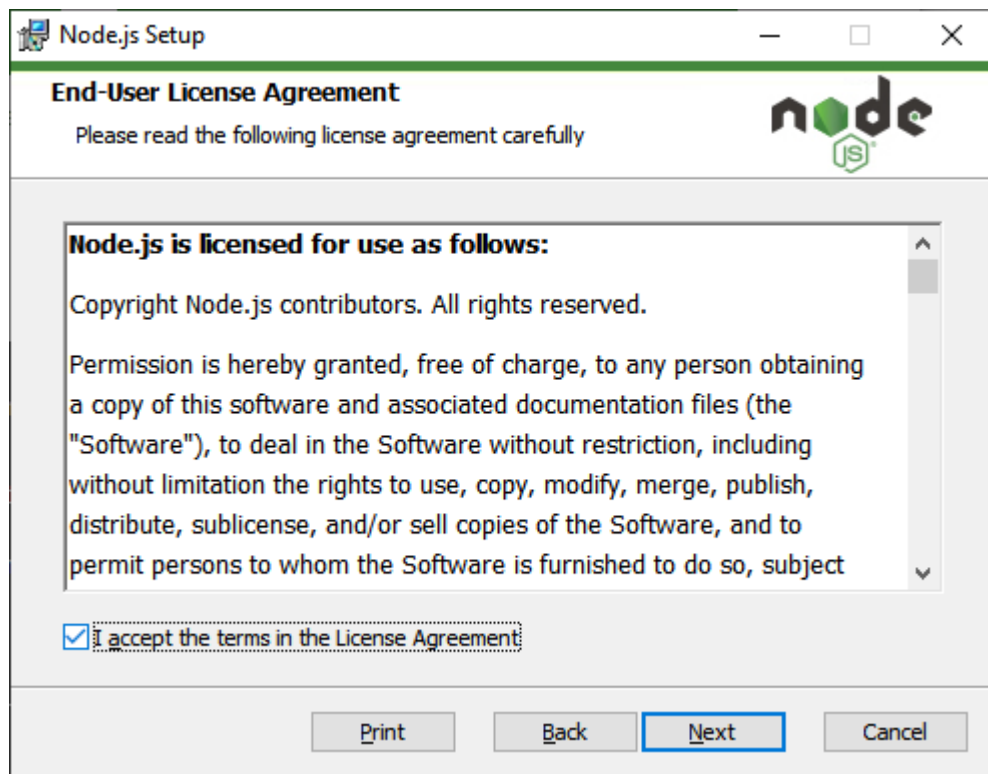
Desinstalar

Solucionar problemas de compatibilidad

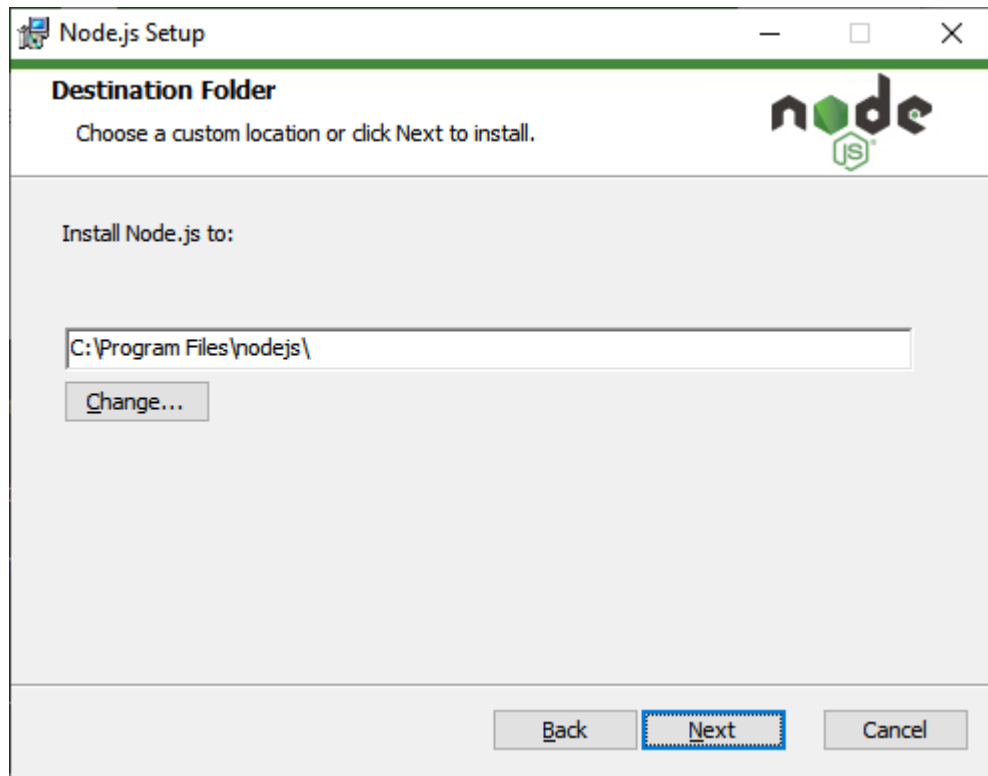
1. En la ventana de bienvenida, presionar el botón next.



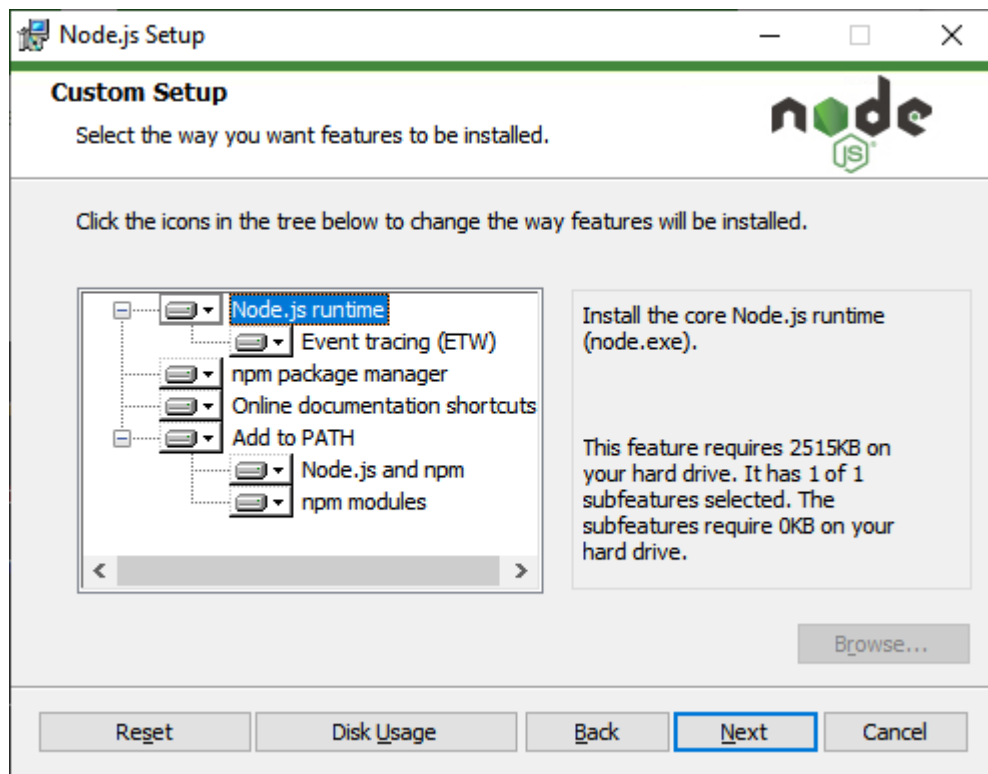
2. Aceptar los términos y condiciones



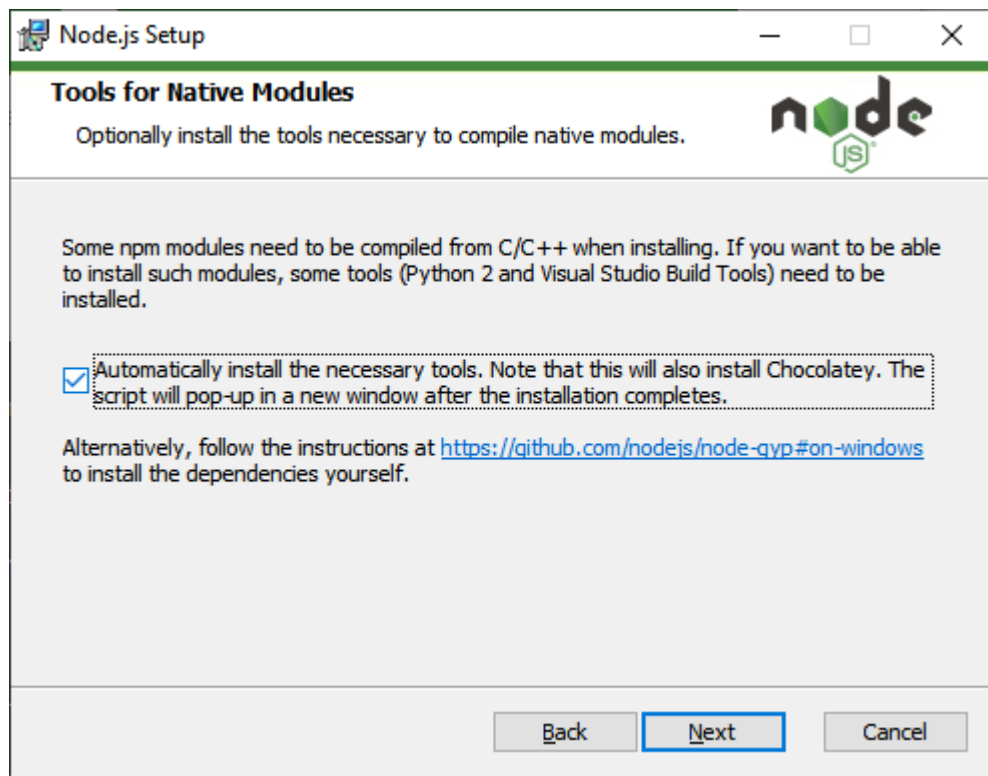
3. Elegir la carpeta donde se instalará Node



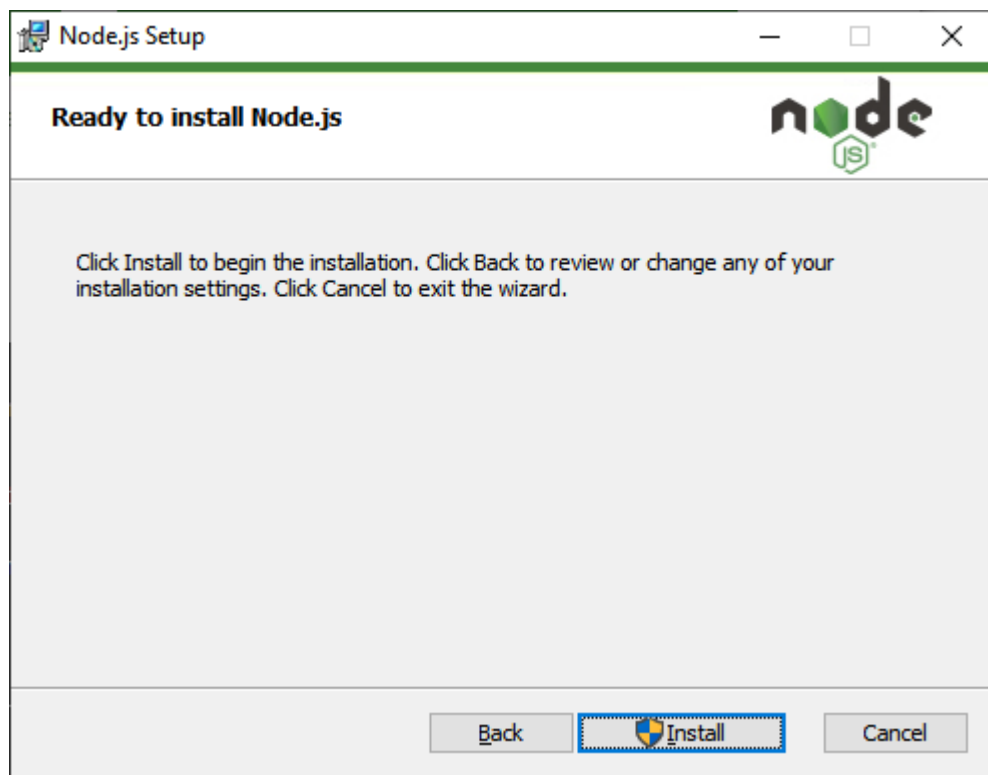
4. En la ventana de Custom Setup dejar la configuración predeterminada

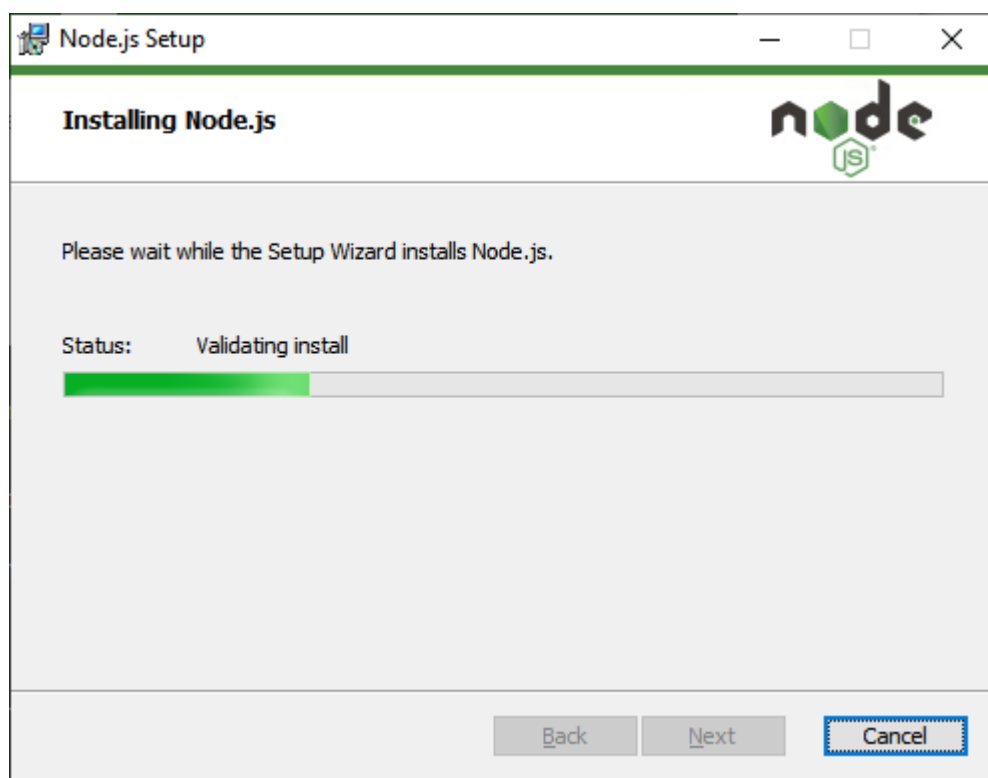
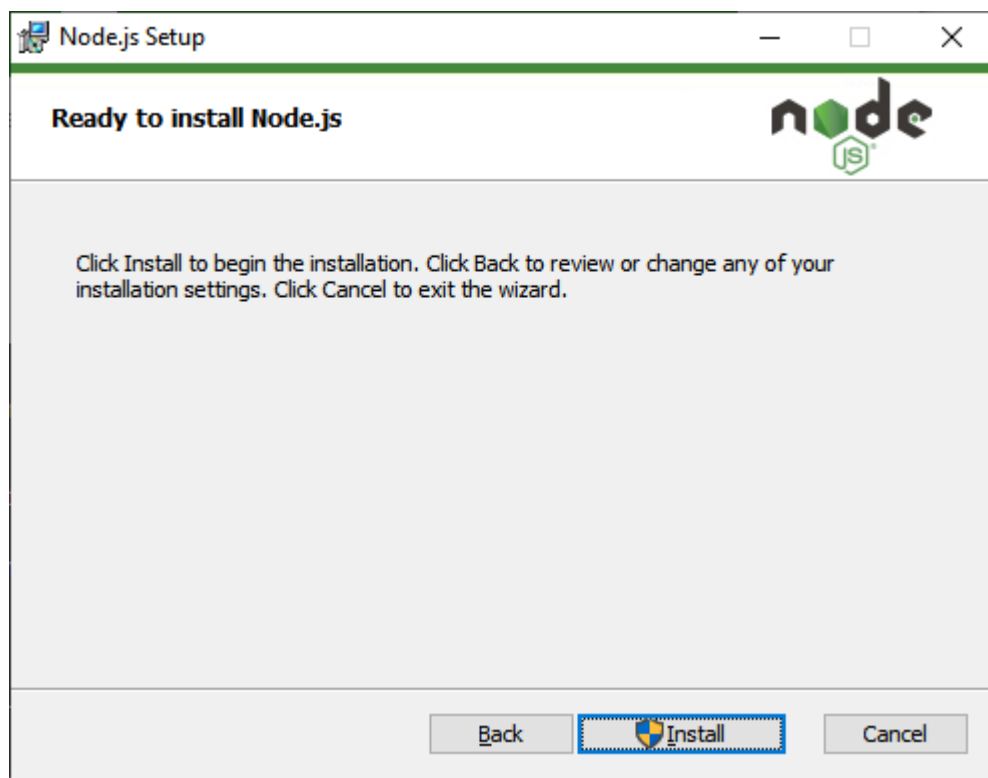


5. En la ventana Tools for Native Modules, indicar que automáticamente instale las herramientas necesarias...

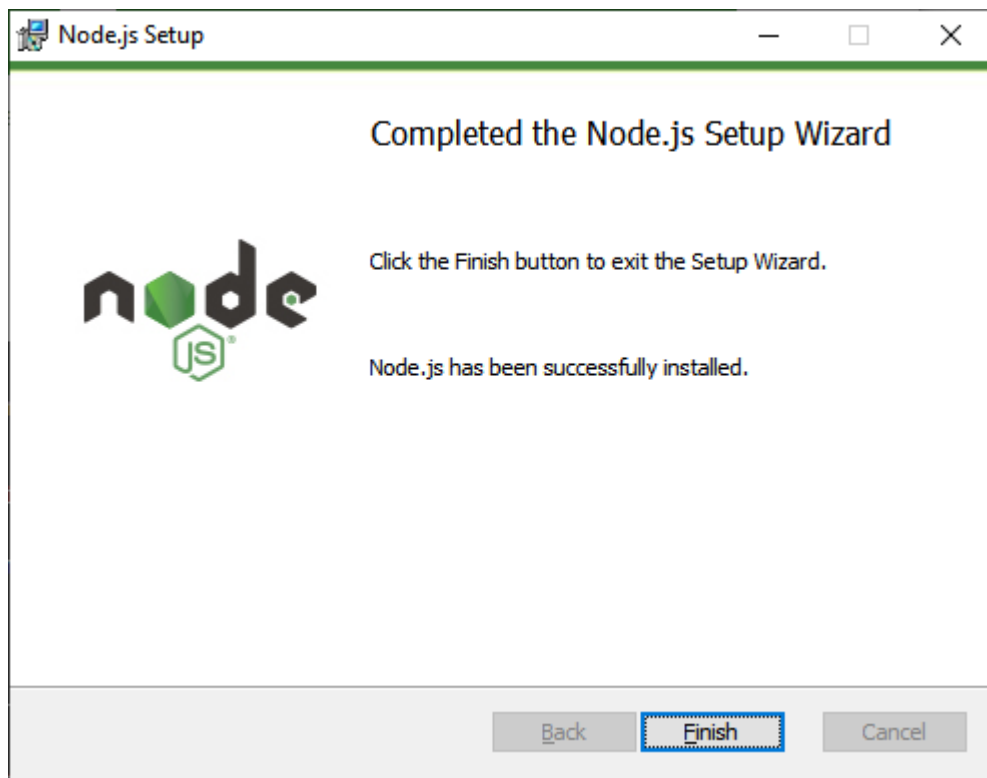


6. Presionar Install para confirmar la instalación





7. Presionar finalizar para concluir con la instalación del mismo.



Una vez finalizada en la ventana de comandos de windows presionar una tecla para continuar la instalación de herramientas adicionales.

```
GA Install Additional Tools for Node.js
=====
Tools for Node.js Native Modules Installation Script
=====

This script will install Python and the Visual Studio Build Tools, necessary
to compile Node.js native modules. Note that Chocolatey and required Windows
updates will also be installed.

This will require about 3 Gb of free disk space, plus any space necessary to
install Windows updates. This will take a while to run.

Please close all open programs for the duration of the installation. If the
installation fails, please ensure Windows is fully updated, reboot your
computer and try to run this again. This script can be found in the
Start menu under Node.js.

You can close this window to stop now. Detailed instructions to install these
tools manually are available at https://github.com/nodejs/node-gyp#on-windows

Presione una tecla para continuar . . .
```

```
CA Install Additional Tools for Node.js

Using this script downloads third party software
-----
This script will direct to Chocolatey to install packages. By using
Chocolatey to install a package, you are accepting the license for the
application, executable(s), or other artifacts delivered to your machine as a
result of a Chocolatey install. This acceptance occurs whether you know the
license terms or not. Read and understand the license terms of the packages
being installed and their dependencies prior to installation:
- https://chocolatey.org/packages/chocolatey
- https://chocolatey.org/packages/python2
- https://chocolatey.org/packages/visualstudio2017-workload-vctools

This script is provided AS-IS without any warranties of any kind
-----
Chocolatey has implemented security safeguards in their process to help
protect the community from malicious or pirated software, but any use of this
script is at your own risk. Please read the Chocolatey's legal terms of use
as well as how the community repository for Chocolatey.org is maintained.

Presione una tecla para continuar . . . █
```

Permitir la ejecución de PowerShell

```
Administrador: Windows PowerShell

Getting latest version of the Chocolatey package for download.
Getting Chocolatey from https://chocolatey.org/api/v2/package/chocolatey/0.10.
Downloading 7-Zip commandline tool prior to extraction.
Extracting C:\Users\User7\AppData\Local\Temp\chocolatey\chocInstall\chocolatey
chocolatey\chocInstall...
Installing chocolatey on this machine
Creating ChocolateyInstall as an environment variable (targeting 'Machine')
Setting ChocolateyInstall to 'C:\ProgramData\chocolatey'
WARNING: It's very likely you will need to close and reopen your shell
before you can use choco.
Restricting write permissions to Administrators
We are setting up the Chocolatey package repository.
The packages themselves go to 'C:\ProgramData\chocolatey\lib'
(i.e. C:\ProgramData\chocolatey\lib\yourPackageName).
A shim file for the command line goes to 'C:\ProgramData\chocolatey\bin'
and points to an executable in 'C:\ProgramData\chocolatey\lib\yourPackageName'

Creating Chocolatey folders if they do not already exist.

WARNING: You can safely ignore errors related to missing log files when
upgrading from a version of Chocolatey less than 0.9.9.
'Batch file could not be found' is also safe to ignore.
'The system cannot find the file specified' - also safe.
ADVERTENCIA: Not setting tab completion: Profile file does not exist at
'C:\Users\User7\Documents\WindowsPowerShell\Microsoft.PowerShell_profile.ps1'.
Chocolatey (choco.exe) is now ready.
You can call choco from anywhere, command line or powershell by typing choco.
Run choco /? for a list of functions.
You may need to shut down and restart powershell and/or consoles
first prior to using choco.
Ensuring chocolatey commands are on the path
Ensuring chocolatey.nupkg is in the lib folder
Chocolatey v0.10.15
Upgrading the following packages:
python2;visualstudio2017-workload-vctools
By upgrading you accept licenses for the packages.
python2 is not installed. Installing...
Progress: Downloading python2 2.7.17... 100%
Progress: Downloading python2 2.7.17... 100%

python2 v2.7.17 [Approved]
python2 package files upgrade completed. Performing other installation steps.
Installing 64-bit python2
```

Type ENTER to Exit cuando haya finalizado la instalación de los paquetes necesarios.

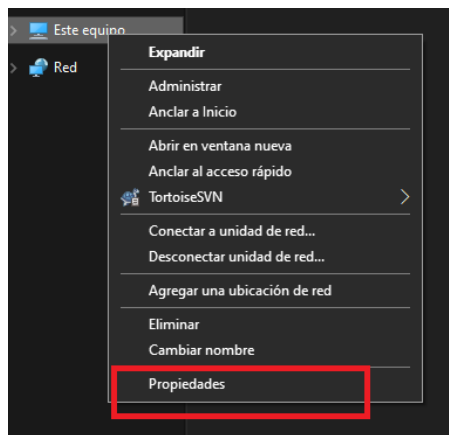
Con esto ya estaría instalado NodeJS, sólo hay que verificar que estén las variables de entorno de windows correctamente configuradas.

Establecer la ejecución de scripts no firmados digitalmente por Microsoft de la siguiente manera:

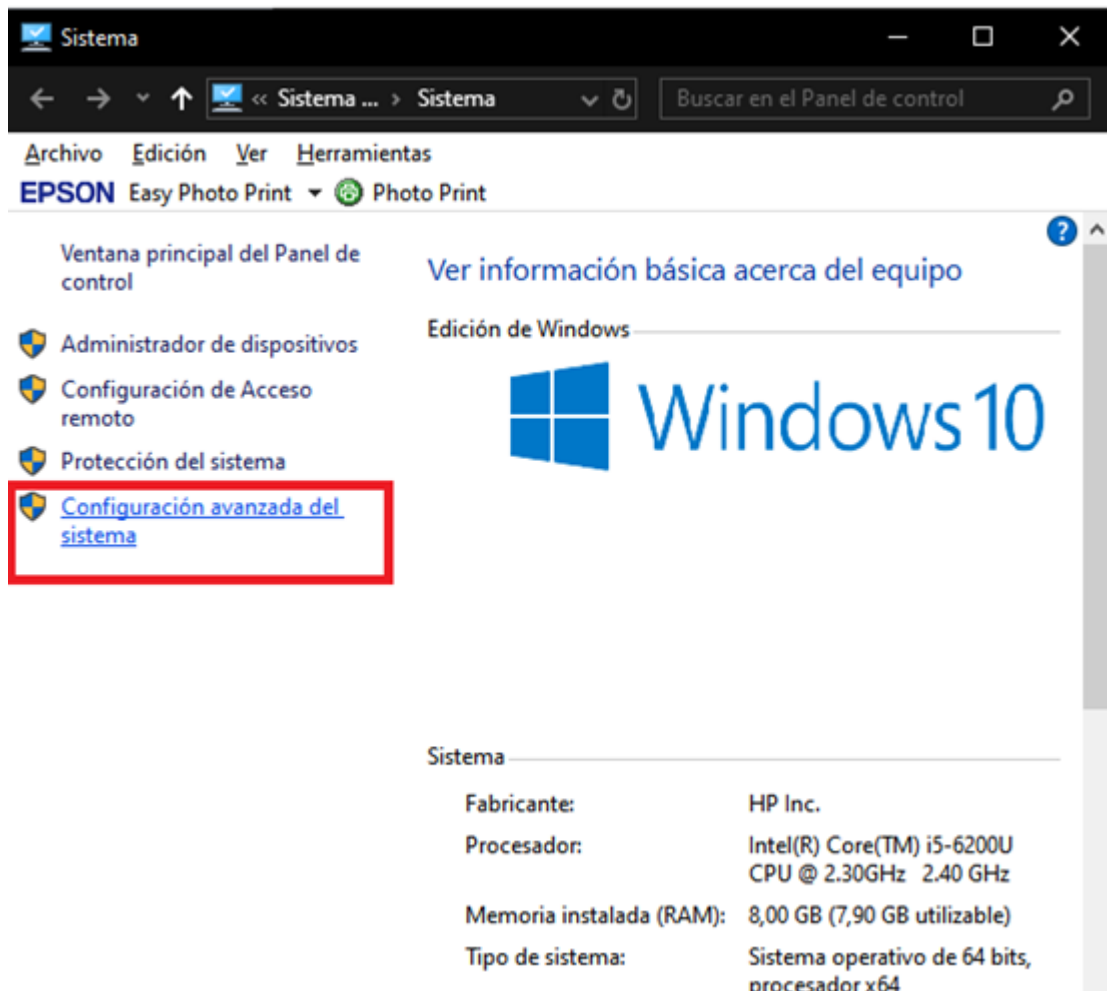
Ejecutar Powershell como Administrador (Runas as Administrator)

Set-ExecutionPolicy -ExecutionPolicy UnRestricted -Scope LocalMachine

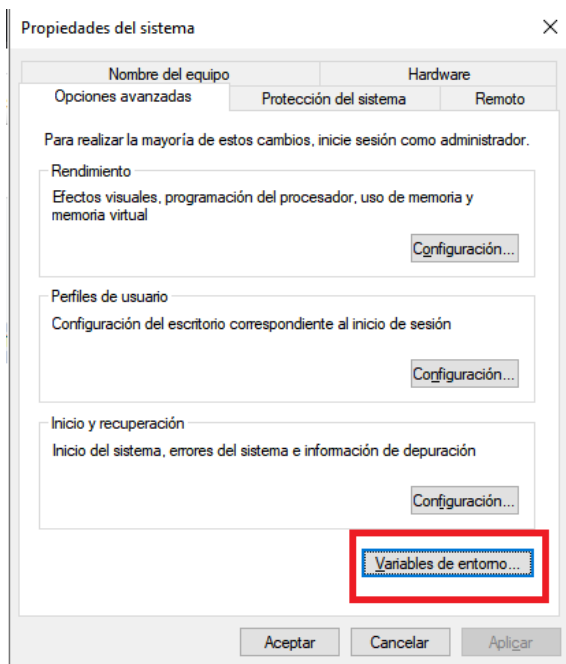
En el explorador de windows ir a propiedades del equipo



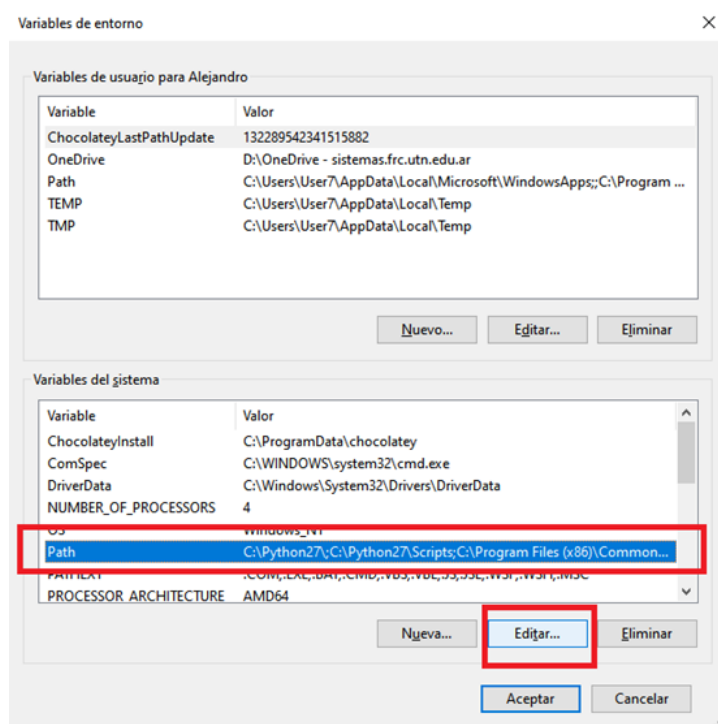
Seleccionar configuración avanzada del sistema

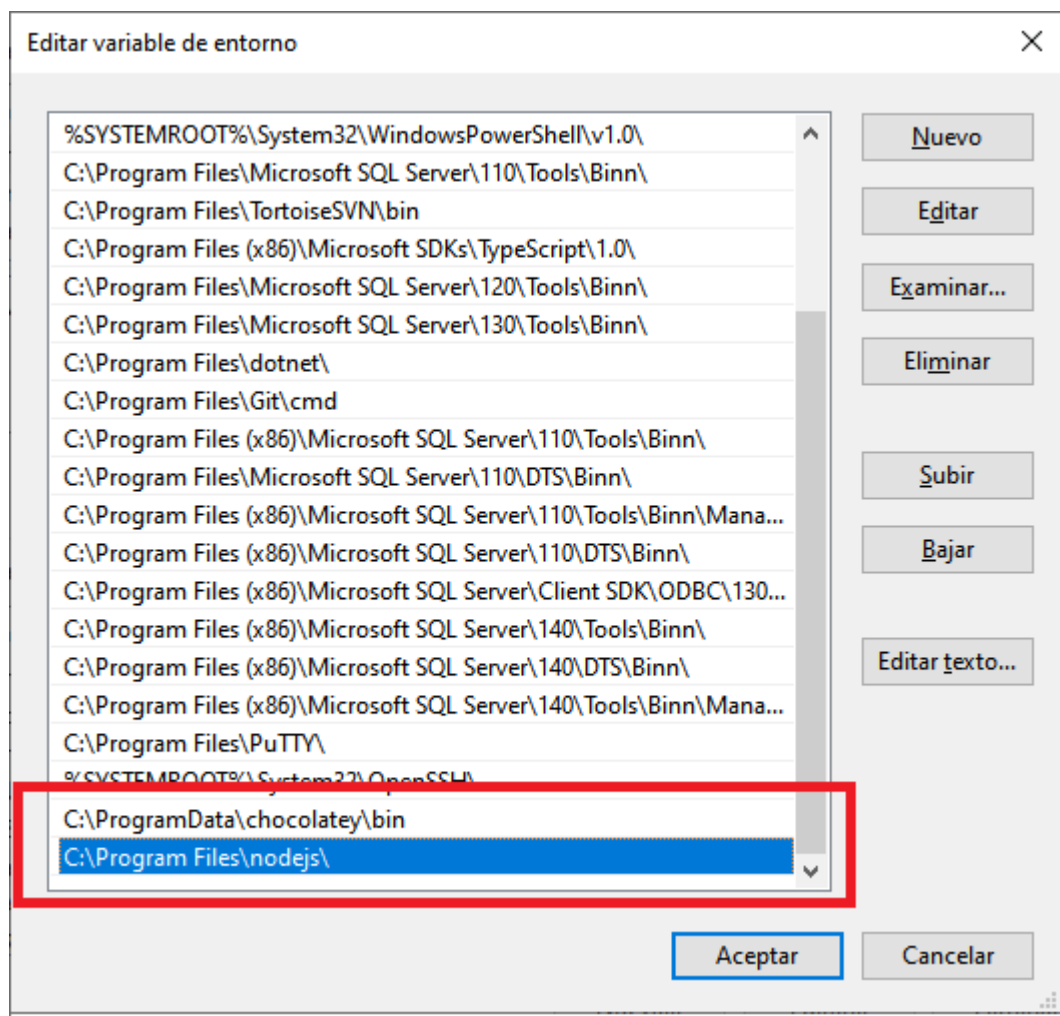


En el ventana propiedades del sistema, seleccionar el botón variables de entorno



Seleccionar variables de entorno del sistema y buscar la variable Path. y verificar que en la cadena (separada por punto y coma) exista la carpeta C:\Program Files\nodejs\ (donde se instaló nodejs). Sino existe presionar el botón editar....





A continuación verificar el correcto funcionamiento, y ejecutar desde la consola CMD del sistema operativo (símbolo de sistema el comando `npm`) y verificar que la versión indicada en la última línea indique **npm@9.1.2** o la última vigente. Verificar con el comando **node --version** que indique la siguiente: v18.12.1

En <https://nodejs.org/es/download/> se puede visualizar cual es la última versión disponible de node

```

C:\WINDOWS\system32>npm
npm <command>

Usage:

npm install          install all the dependencies in your project
npm install <foo>    add the <foo> dependency to your project
npm test             run this project's tests
npm run <foo>        run the script named <foo>
npm <command> -h     quick help on <command>
npm -l               display usage info for all commands
npm help <term>      search for help on <term> (in a browser)
npm help npm         more involved overview (in a browser)

All commands:

access, adduser, audit, bugs, cache, ci, completion,
config, dedupe, deprecate, diff, dist-tag, docs, doctor,
edit, exec, explain, explore, find-dupes, fund, get, help,
hook, init, install, install-ci-test, install-test, link,
ll, login, logout, ls, org, outdated, owner, pack, ping,
pkg, prefix, profile, prune, publish, query, rebuild, repo,
restart, root, run-script, search, set, shrinkwrap, star,
stars, start, stop, team, test, token, uninstall, unpublish,
unstar, update, version, view, whoami

Specify configs in the ini-formatted file:
  C:\Users\aleja\.npmrc
or on the command line via: npm <command> --key=value

More configuration info: npm help config
Configuration fields: npm help 7 config

npm@9.1.2 C:\Users\aleja\AppData\Roaming\npm\node_modules\npm
C:\WINDOWS\system32>

```

Vemos que coincide con la versión descargada, lo podemos verificar en la url <https://nodejs.org/es/download/>


Descargas


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node-v18.12.1.pkg


Código Fuente
node-v18.12.1.tar.gz

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- Binario Windows (.zip)
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