

Tarea 1.1. Preparación de entorno de desarrollo.

1. Entramos en la página oficial de [node.js](https://nodejs.org/) y lo descargamos en su versión Lts.

The screenshot shows the Node.js download page with the title "Descarga Node.js®". It features a navigation bar with dropdowns for "v22.19.0 (LTS)", "para Windows", "usando Docker", and "con npm". A green banner contains an "Info" message about getting the latest version. Below this, a PowerShell script is provided for installing Node.js using Docker. The script includes comments in Spanish and English, and commands to pull the Docker image, run a container, and verify the versions of Node.js and npm. A "Copiar al portapapeles" button is next to the script. At the bottom, there are buttons for "Windows Installer (.msi)" and "Standalone Binary (.zip)".

```
1 # Docker provee instrucciones dedicadas para cada sistema operativo.
2 # Por favor consulta la documentación oficial en https://www.docker.com/get-started/
3
4 # Descarga la imagen de Docker de Node.js:
5 docker pull node:22-alpine
6
7 # Crea un contenedor de Node.js e inicia una sesión shell:
8 docker run -it --rm --entrypoint sh node:22-alpine
9
10 # Verify the Node.js version:
11 node -v # Should print "v22.19.0".
12
13 # Verifica versión de npm:
14 npm -v # Debería mostrar "10.9.3".
```

PowerShell Copiar al portapapeles

Docker is a containerization platform. If you encounter any issues please visit [Docker's website](https://www.docker.com/)

O obtiene una versión pre compilada de Node.js® para Windows usando la arquitectura x64.

Windows Installer (.msi) Standalone Binary (.zip)

2. Confirmamos su correcta instalación.

The screenshot shows a Windows command prompt window titled "Símbolo del sistema". It displays the output of the commands to verify the installation of Node.js and npm. The output shows that Node.js version 22.19.0 and npm version 10.9.3 are installed and accessible from the command line.

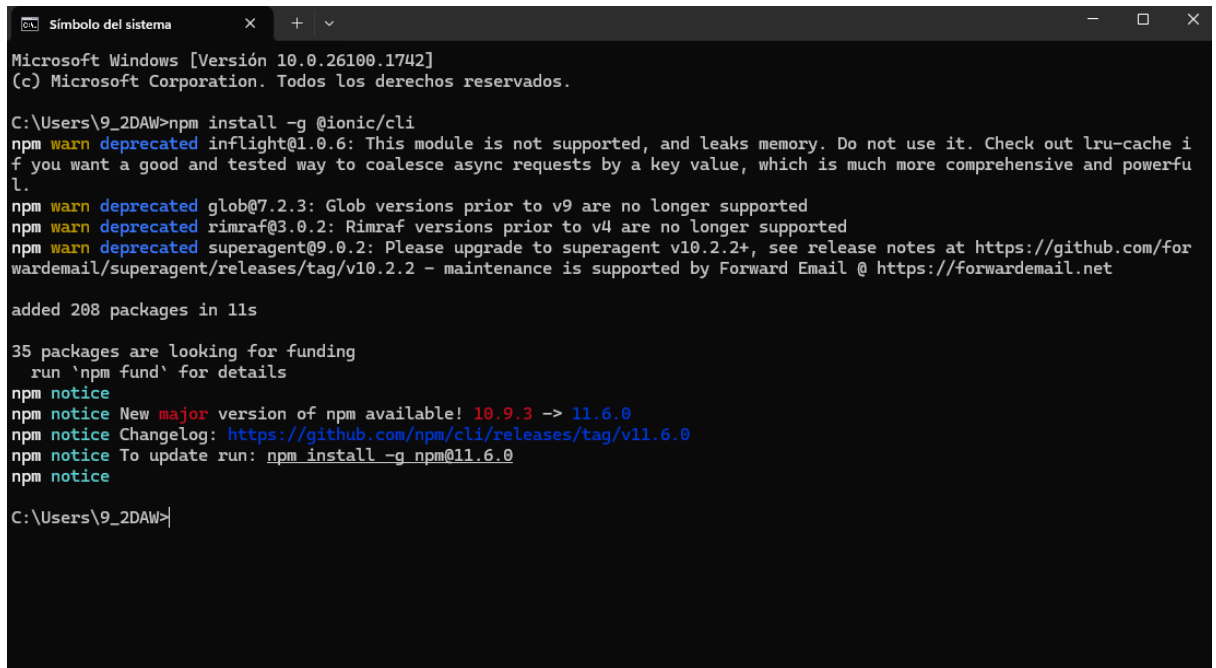
```
Microsoft Windows [Versión 10.0.26100.1742]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\9_2DAW>node -v
v22.19.0

C:\Users\9_2DAW>npm -v
10.9.3

C:\Users\9_2DAW>
```

3. Instalamos la CLI de Ionic de forma global en nuestro sistema.



```
Símbolo del sistema
Microsoft Windows [Versión 10.0.26100.1742]
(c) Microsoft Corporation. Todos los derechos reservados.

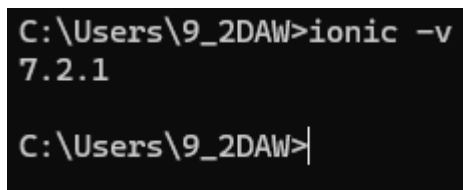
C:\Users\9_2DAW>npm install -g @ionic/cli
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated superagent@9.0.2: Please upgrade to superagent v10.2.2+, see release notes at https://github.com/forwardemail/superagent/releases/tag/v10.2.2 - maintenance is supported by Forward Email @ https://forwardemail.net

added 208 packages in 11s

35 packages are looking for funding
  run `npm fund` for details
npm notice
npm notice New major version of npm available! 10.9.3 -> 11.6.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.6.0
npm notice To update run: npm install -g npm@11.6.0
npm notice

C:\Users\9_2DAW>
```

4. Verificamos la instalación.



```
C:\Users\9_2DAW>ionic -v
7.2.1

C:\Users\9_2DAW>
```