


Node JS

Développement d'applications Web

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Module 2

Installation

Installation de Node JS

Mise à jour de NPM Node Package Manager

Définir un répertoire pour nos projets node

Création un répertoire pour notre premier projet

Lancer VS code

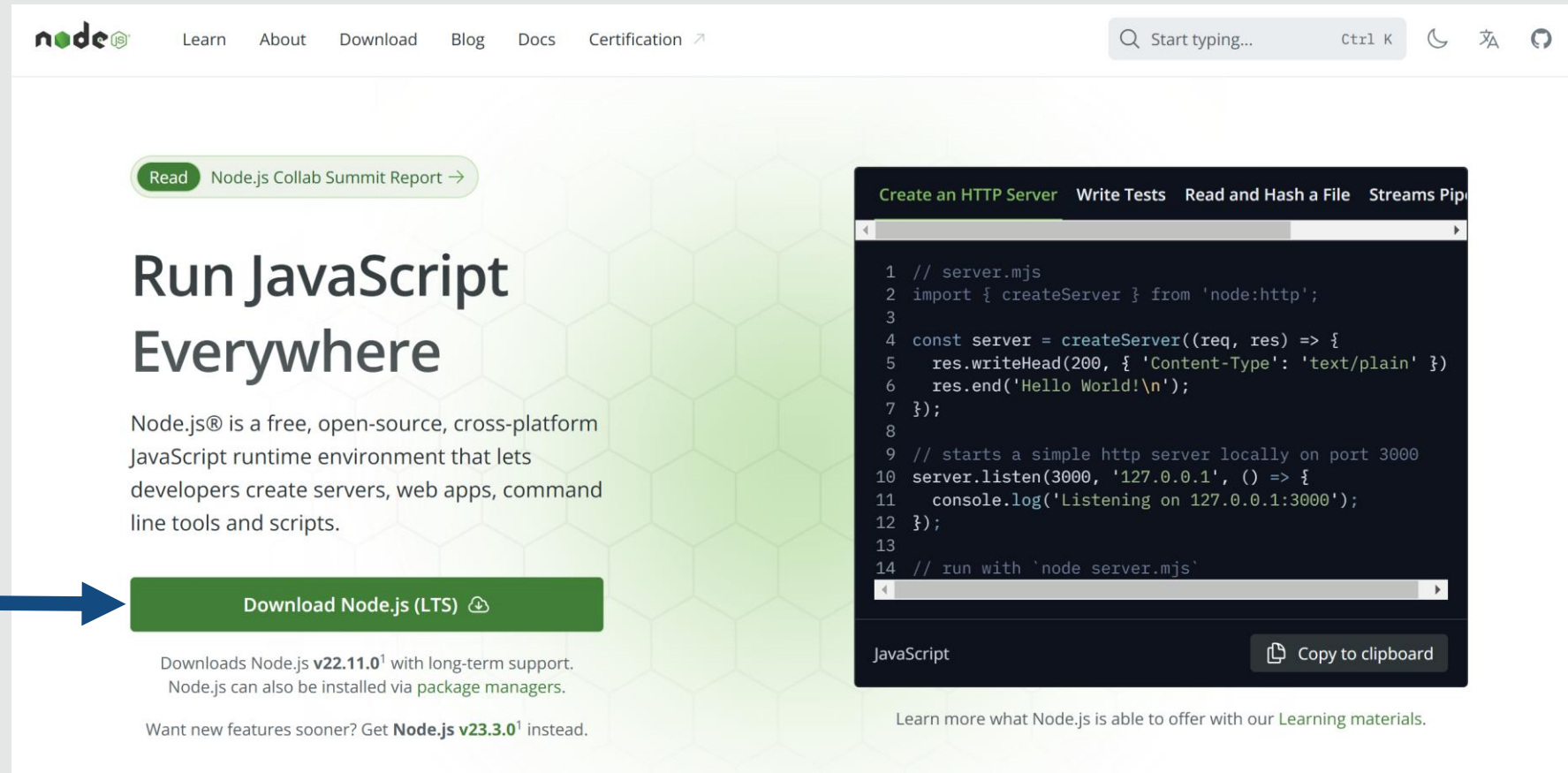
Installation

Installation de Node JS

Installer NodeJS **LTS**

Eviter d'installer **chocolatey**

<https://nodejs.org/>



The screenshot shows the Node.js website homepage. At the top, there's a navigation bar with links: Learn, About, Download, Blog, Docs, and Certification. A search bar is on the right. Below the navigation bar, there's a green button that says "Read Node.js Collab Summit Report →". The main heading is "Run JavaScript Everywhere". Below this, a paragraph describes Node.js as a free, open-source, cross-platform JavaScript runtime environment. A blue arrow points from the left to a green button labeled "Download Node.js (LTS)". Below this button, text indicates it downloads Node.js v22.11.0 with long-term support. To the right, there's a code editor showing a JavaScript snippet for creating an HTTP server. At the bottom right, there's a link to "Learn more what Node.js is able to offer with our Learning materials."

nodejs

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Read Node.js Collab Summit Report →

Run JavaScript Everywhere

Node.js® is a free, open-source, cross-platform JavaScript runtime environment that lets developers create servers, web apps, command line tools and scripts.

Download Node.js (LTS) ⬇

Downloads Node.js **v22.11.0**¹ with long-term support. Node.js can also be installed via package managers.

Want new features sooner? Get **Node.js v23.3.0**¹ instead.

Create an HTTP Server Write Tests Read and Hash a File Streams Pipe

```
1 // server.mjs
2 import { createServer } from 'node:http';
3
4 const server = createServer((req, res) => {
5   res.writeHead(200, { 'Content-Type': 'text/plain' });
6   res.end('Hello World!\n');
7 });
8
9 // starts a simple http server locally on port 3000
10 server.listen(3000, '127.0.0.1', () => {
11   console.log('Listening on 127.0.0.1:3000');
12 });
13
14 // run with 'node server.mjs'
```

JavaScript Copy to clipboard

Learn more what Node.js is able to offer with our [Learning materials](#).

Installation

Installation NodeJS

Vérifier la version de NodeJS déjà installer dans le terminal

```
node --version
```



Installation

NPM Node Package Manager

NPM est un "**package manager**"

qui permet l'installation d'énormément d'outils et de librairies dont vous aurez besoin pour tout type de développement.

NPM permet l'installation de différents **modules** pour nodeJS

```
npm --version
```



Définir un répertoire pour nos projet node

Définir un emplacement où sera stocké les projets node

Revenir à la racine C:

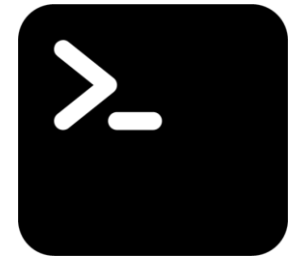
```
cd\
```

Créer un répertoire (md : **m**ake **d**irectory)

```
md prj-node
```

Aller dans ce répertoire

```
cd prj-node
```



Définir un répertoire pour notre projet

Définir un emplacement où sera stocké notre premier projet

Créer un répertoire

```
md projet-1
```

Aller dans ce répertoire

```
cd projet-1
```

Lancer VS code depuis un répertoire

```
code .
```

