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|  | Node.js |
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|  | Reid rorick  10/28/2024 11:33 PM |

Contents

[Beginning Steps 1](#_Toc181051985)

[How to download 1](#_Toc181051986)

[Important Commands 1](#_Toc181051987)

[Helpful References 4](#_Toc181051988)

[YouTube 4](#_Toc181051989)

# Beginning Steps

## How to download

1. Go to <https://nodejs.org/en>
2. Download Node.js
3. Go through the installation process
4. Open CMD Prompt
5. Type “Node” -> hit enter
6. Should receive something like, “Welcome to Node.js v22.10.0.”

## Important Commands

* **npm init =**

package name: (node-apps)

version: (1.0.0)

description: my first project

entry point: (index.js)

test command:

git repository:

keywords:

author:

license: (ISC)

About to write to C:\Users\reids\Desktop\Node Apps\package.json:

{

"name": "node-apps",

"version": "1.0.0",

"description": "my first project",

"main": "index.js",

"scripts": {

"test": "echo \"Error: no test specified\" && exit 1"

},

"author": "",

"license": "ISC"

}

Is this OK? (yes)

First Node.js Server

1. <https://nodejs.org/docs/latest/api/>
2. Usage and example

const http = require('node:http');

const hostname = '127.0.0.1'; //Localhost IP

const port = 3000;

const server = http.createServer((req, res) => {

res.statusCode = 200;

res.setHeader('Content-Type', 'text/plain');

res.end('Hello, World!\n');

});

server.listen(port, hostname, () => {

console.log(`Server running at http://${hostname}:${port}/`);

});

# Helpful References

## YouTube

* [How to Run Node.js in Visual Studio Code | SetUp Node.js in VSCode On Windows 11 (2024)](https://youtu.be/NqANV4wXhx4?si=CbhKseaN81yRJr5F): Beginning steps of Node.js
* [Serve a HTML Website or Single Page Application with Node and Express](https://youtu.be/fyc-4YmgLu0?si=wOEte9dzyVK4pYlo): Hosting an HTML file using Node.js
* [Your First Node.js Web Server:](https://youtu.be/VShtPwEkDD0?si=wOlAgwLUejoTCLkh) Setting up an HTML file to be hosted on your server

# References

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Web Dev Simplified. (n.d.). *Your First Node.js Web Server*. Retrieved from YouTube: https://youtu.be/VShtPwEkDD0?si=mMu9TVJL2npRwzUd