
techLab

Third Meeting

A yellow square containing the letters 'JS' in a bold, black, sans-serif font.

JS

Welcome Back.

We are gonna do a few things today.

- Discover what's the real difference between Backend and Frontend and why the former is necessary to run a web app.
- Understand what Node.js is.
- Create our first server using it.
- Host our front-end part using our first server.

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Back-End.

Our endpoint to retrieve our data.

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**Is it possible to do this with
JavaScript?**

Yes, with Node.js

Node JS is a runtime built on top of Chrome's V8 Javascript Engine.

In English, this means that it allows us to create an event-driven system in order to build dynamic web pages.

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How do we execute Node scripts?

Just by typing:

```
node MYFILE.js
```

—

What else can Node.js do?
It can install modules from a
package manager called
NPM.

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What's a Server?

A computer that manages access to a centralized resource or service in a network.

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**Similarly to Functions, we
make a request to a server
[input] to retrieve a specific
response [output]**

—

**We make use of Endpoints
to create a **API.**
**[Application Program
Interface]****

—

When we develop, we execute the server locally on our machine.

By default, it initializes at <http://localhost:8080>

What are we gonna learn today?

What a Backend is

Basic Node.js

How to write our first server

How to host our Front-End on our server

And this is all for today.

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In the next lecture:

What requests can I make?

**Deploy your server on
Heroku**

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Take Away Project .
Render YOUR website using
your first server.

—

Not sure on what to do?
Our wiki is right here.
Just take a photo of the QR code.

