

Fullstack Javascript



BOOTCAMP

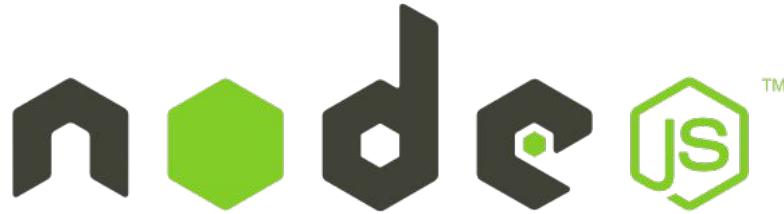


Node

Executing Javascript on the server

A solid teal horizontal bar spanning the width of the slide, positioned below the subtitle.

Why we want to use Node?



- ▶ Easy to learn
- ▶ Fullstack Javascript
- ▶ Large community
- ▶ Extended support
- ▶ Flexible
- ▶ You can easily connect to common databases

Why we want to use Node?



- ▶ Default tool for manage projects.
- ▶ Configure your project
- ▶ Install dependencies on your project.
- ▶ We'll use the npm CLI

Let's code!

Why we want to use Express?

The logo for Express.js, featuring the word "Express" in a thin, outlined, sans-serif font. The logo is centered within a light gray rectangular box that has a subtle drop shadow.

- ▶ Web development fast and easy
- ▶ Easy to configure and customize
- ▶ Large community
- ▶ Many resources /libraries
- ▶ You can easily create a REST API.

Why we want to use Express?

Express

```
const server = http.createServer(async (req, res) => {  
  if (req.url === "/api" && req.method === "GET") {  
    res.writeHead(200, { "Content-Type": "application/json" });  
    res.write('Hello World!');  
    res.end();  
  }  
  
  else {  
    res.writeHead(404, { "Content-Type": "application/json" });  
    res.end(JSON.stringify({ message: "Route not found" }));  
  }  
});  
  
server.listen(3000, () => {  
  console.log(`server started on port: ${3000}`);  
});
```

```
const app = require('express')()  
  
app.get('/', (req, res) => {  
  res.send('Hello World!')  
})  
  
app.get('*', function(req, res){  
  res.status(404).send("Route not found");  
});  
  
app.listen(3000, () => {  
  console.log(`Example app listening on port ${3000}`)  
})
```

Let's code!



THANKS!

Any questions?