



NodeJS Seminar

Writing Back End Web Servers with JavaScript

4 hours

Course Overview:

JavaScript is the most used programming language on the planet today, listing 300K+ code-libraries and over 1 billion packages installed per week. You are invited to find out why your team should join this never-ending list of companies using Node.js in production:

<https://github.com/nodejs/node/wiki/Projects,-Applications,-and-Companies-Using-Node>

This 4 hours seminar will give you an overview of Node.js fundamentals used to build scalable user-facing lightweight, real-time full stack web-applications with Node and the Express. framework. Node.js is a software system designed for writing highly scalable Internet applications, notably web servers.

Programs are written in JavaScript, using event-driven, asynchronous I/O to minimize overhead and maximize scalability. Unlike most JavaScript programs, it is not executed in a web browser, but is instead a server-side JavaScript application.

Who Should Attend:

This seminar is for web developers with a knowledge of JavaScript.

Required Skills:

Programming experience in JavaScript is assumed

Course Contents:

- Node.js overview
- Asynchronous I/O - why should you care?
- Node.js infrastructure and the Event Loop
- Eco-system orientation
- Various use cases typical to Node.js
- Scaling traditionally vs Node.js
- Streams & real-time capabilities
- Code examples