

Introduction to Node.js («NODEJS»)

In this workshop you will get to know the most important possibilities of Node.js and apply them by means of practical examples for server-side web applications.

Duration: 2 days

Price: 1'600.–

Content

1. Introductory remarks
 - o architecture
 - o installation
2. Simple application
 - o interactive mode
 - o command line application
 - o directory structure
3. parcels
 - o modules
 - o package management
 - o package definition
 - o package information
4. Events
 - o Package events
 - o event trigger
 - o event handling
5. Web server
 - o Package http
 - o Package https
 - o server
6. Web client
 - o Package request
 - o Package cheerio
7. Routing
 - o Package url
 - o Package querystring
8. File system
 - o Package fs
 - o Package path
 - o Package readline
 - o file
 - o directory
9. Web framework
 - o Parcel express
 - o Static
 - o Middleware Functions
10. Middleware
 - o Package bodyParser
 - o Package cookieParser
 - o Package morgan
11. Databases
 - o Package sqlite3
 - o Package mysql

- Package mongodb
12. Special
- Package util
 - Package underscore
 - Package assert

Key Learnings

- Overview of the possible uses of Node.js for server-side web applications
- Overview of the practical use of JavaScript on the server side

Target audience

This course is designed for web developers who want to get an overview of Node.js and the server-side use of JavaScript.

Requirements

Attendance of the previous course is required:

- [Introduction to RESTful Webservices \(«RESWEB»\)](#)
- [Advanced in JavaScript \(«ISA»\)](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/programming/frameworks-libraries/course-introduction-to-node-js