



Express - Introduction to ExpressJS

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We will cover with the following concepts

- 1) What is ExpressJs?
- 2) Why ExpressJs?
- 3) Using your NPM init
- 4) Tweaking your Package.json
- 5) Creating your Hello World application

What is ExpressJS

- 1) <https://expressjs.com/>
- 2) It provides a robust set of features for web and mobile application development.
- 3) It provides well tested middlewares to achieve functionalities that are very commonly used across backend application.

Why ExpressJs?

- Fast, unopinionated, minimalist web framework for Node.js
- Lot of major companies use this in production -
<https://expressjs.com/en/resources/companies-using-express.html>
- Its very easy to learn and use and serves as a base for most of the frameworks out there.

Package management is of highest importance when creating JS Based applications

- Node and express using NPM - node package manager
- It's used to install, share and distribute code and also to manage the dependencies in our project.
- We will be learning more about NPM and how to perform installation using NPM, but for now, lets just set up the package management.

'Init' the 'App'

- npm init - <https://docs.npmjs.com/cli/init>
- At every step of our application development, we will keep tab on the packages being used and we will be managing their entry in package.json file
- Why are we making this extra effort?

Our hello world application

- Lets create a basic http server application and create our hello world application

The next steps are ...

- Separating your configuration
- Concept of `module.exports`
- GitIgnore