

# EXPRESSJS SCAFFOLDING

Scaffolding allows us to create a skeleton for a web application when we work with ExpressJS. We manually create our public directory, add middleware, create separate route files, etc. A scaffolding tool sets up all these things for us so that we can directly get started with building our application. For this, we have a number of modules like Yeoman and Express-generator.

We are going to start Scaffolding using the *Express-generator* module. For this, we have to install express-generator module.

## 1. **npm install express-generator**

## 2. Run **express** command.

- a. Now you can find all the necessary directories and files has been created in your folder

## **Explanation:**

Explaining the files/folders in project.

1. **bin:** The file inside bin called www is the main configuration file of our app.
2. **public:** The public folder contains the files which are to be made public for use like JavaScript files, CSS files, images etc.
3. **routes:** The routes folder contains files which contain methods to help in navigating to different areas of the map. It contains various js files.
4. **views:** The view folder contains various files which form the views part of the application. **Example:** homepage, the registration page, etc.
5. **app.js:** The app.js file is the main file which is the head of all the other files. The various packages installed have to be '**required**' here. Besides this, it serves many other purposes like handling routers, middle-wares etc.
6. **package.json:** package.json file is the manifest file of any Node.js project and express.js application

## **Running the Scaffold app:**

**npm install**

**npm start**