NodeJS Packages

**Nodemon**: nodemon is a tool that helps develop node.js based applications by automatically restarting the node application when file changes in the directory are detected.

nodemon does **not** require any additional changes to your code or method of development.

We run this package in development.

<https://www.npmjs.com/package/nodemon>

To initialize npm Run command : **npm init**

If you want to use the locally installed version, rather than installing globally then you can create a script in your package.json

"scripts": {

"serve": "nodemon server.js"

},

and then use

npm run serve

**upper-case:** Upper case a string.

Supports Unicode (non-ASCII characters) and non-string entities, such as objects with a toString property, numbers and booleans. Empty values (null and undefined) will result in an empty string.

**Yargs:** Yargs helps you build interactive command line tools, by parsing arguments and generating an elegant user interface.

**hbs :** [Express.js](http://github.com/visionmedia/express) view engine for [handlebars.js](http://github.com/wycats/handlebars.js)

## MongoDB Driver :

<https://github.com/mongodb/node-mongodb-native>

Given that you have created your own project using npm init we install the MongoDB driver and its dependencies by executing the following npm command.

npm install mongodb --save

This will download the MongoDB driver and add a dependency entry in your package.json file.

**Mongoose**:

elegant [mongodb](https://www.mongodb.com/) object modeling for [node.js](https://nodejs.org/en/)

<http://mongoosejs.com/>

**body-parser:**

Node.js body parsing middleware.

Parse incoming request bodies in a middleware before your handlers, available under the req.body property.

**Method-override:**

Lets you use HTTP verbs such as PUT or DELETE in places where the client doesn't support it.

<https://www.npmjs.com/package/method-override>

**Crypto-Js:**

<https://github.com/brix/crypto-js>

**JsonWebtoken:**

**Validator:**

A library of string validators and sanitizers.

<https://www.npmjs.com/package/validator>

npm install validator@9.4.1 –save

**bcryptjs:**

npm install bcryptjs@2.4.3 --save

**npm install express@4.16.3 mongoose@5.0.11 body-parser@1.18.2 –save**

[**http://mongoosejs.com/docs/validation**](http://mongoosejs.com/docs/validation)

# ExpressJS

Steps :

1. First setup your node project by running

**$ npm init –yes**

1. Run the below command to install express.

**$ npm install express ---save**

# Postman

<https://www.getpostman.com/>