

Installation of nodejs

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Hello everyone this documentation is regarding the installation of nodejs as backend technology.

Note: The word which are bold and italic are the command used in Ubuntu for installation.

What I will use for this project

- Nodejs
- Express
- Visual Studio Code as editor
- Postman (for testing purpose)

Below all setup will be for Ubuntu 16.04 operating system only.

Let start now the entire process of installation:

1. At first install the nodejs

Type following command in the terminal in the Ubuntu 16.04

```
- Sudo apt-get install -y build-essential
```

```
- Curl -sL https://deb.nodesource.com/setup_4.x | sudo -E bash -
```

```
- sudo apt-get install -y nodejs
```

2. After that install npm.

Type following command in the terminal in the Ubuntu 16.04

```
- sudo apt-get install npm
```

```
- sudo apt-get update
```

Above were the process of installing nodejs and npm. Now create project folder

3. Creating the project folder

Open your terminal and type following command:

```
Create project folder by using following mkdir projectfolder name
```

```
Navigate to the root of folder by using following command cd projectfoldername
```

```
Then create package.json file by using following command npm init
```

```
Then after create server.js file by using following command touch server.js
```

```
Then after create folder named (api folder).
```

4. Now let install express.js and nodemon in the projectfolder

Let's install express and nodemon, express will be used to create the server while nodemon will help us to keep track of changes to our application by watching changed files and automatically restart the server.

```
- Npm install --save-dev nodemon
```

```
- Npm install express --save
```

5. Then after open `server.js` file and write some code and save `server.js` file and run the server by using following command ***nodemon***.

6. Now let install visual studio code for editor and type following command in the terminal.

```
- sudo add-apt-repository ppa:ubuntu-desktop/ubuntu-make
```

```
- sudo apt-get update
```

```
- sudo apt-get install ubuntu-make
```

```
- umake ide visual-studio-code
```

7. Now let install postman for testing api code and type following command in the terminal.

```
- wget https://dl.pstmn.io/download/latest/linux64 -O postman.tar.gz
```

```
- sudo tar -xzf postman.tar.gz -C /opt
```

```
- rm postman.tar.gz
```

```
- sudo ln -s /opt/Postman/Postman /usr/bin/postman
```

```
- postman
```

Above were all the process of installing nodejs.