

# Setting up your environment (OSX)

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## Installation process

<https://docs.npmjs.com/getting-started/installing-node>

1 Make sure you have the latest versions of **node** and **npm**

1.1 Node

a) I am using node already. Make sure your node version is >4.1.x

```
> node -v  
v4.1.1
```

b) I am not sure, possibly not

```
> brew install node
```

1.2 Npm

c) I am using npm already. Make sure your npm version is >2.14.x

```
> npm -v  
3.7.1
```

d) I am not sure, possibly not

```
> sudo npm install npm -g
```

2 Install dependencies

```
> npm install --global webpack  
> npm install webpack-dev-server  
> npm install --global karma-cli  
> npm install --global protractor  
> npm install --global typings  
> npm install --global typescript
```

4 Clone repository locally.

# --depth 1 removes all but one .git commit history

```
> git clone
```

```
--depth 1
```

```
https://github.com/angularclass/angular2-webpack-starter.git
```

Cloning into 'angular2-webpack-starter'...

remote: Counting objects: 144, done.

remote: Compressing objects: 100% (111/111), done.

remote: Total 144 (delta 10), reused 85 (delta 4), pack-reused 0

Receiving objects: 100% (144/144), 105.40 KiB | 0 bytes/s, done.

Resolving deltas: 100% (10/10), done.

Checking connectivity... done.

```
> cd angular2-webpack-starter
```

5 Install repo using npm

```
> npm install
6 Install TypeScript Typings
> npm run typings-install
```

7 Start the server

```
> npm start
```

## Some other commands

- Run the server in development

```
> npm run server
```

- Run Unit Tests

```
> npm run test
```

- Run End-to-End Tests

# make sure you have your server running in another terminal

```
> npm run e2e
```