

Yeoman

What is Yeoman?

Yeoman is a scaffolding tool that helps you to kickstart new projects using best practices. It creates the project hierarchy & the basic files required for many projects using technology specific generators.

e.g. Yeoman provides a generator for angular project called as **generator-angular**

Steps to setup dev env

Install yo & its dependencies using the below command

```
npm install -global yo bower grunt-cli
```

If you see issues related to permission please execute the command with sudo privileges

Check if everything is installed properly. If everything is fine, the versions of yo, bower & grunt should be displayed

```
yo --version && bower --version && grunt --version
```

Install a Yeoman Generator

```
sudo npm install -g generator-angular
```

Make a new dir (say demoYeoman)

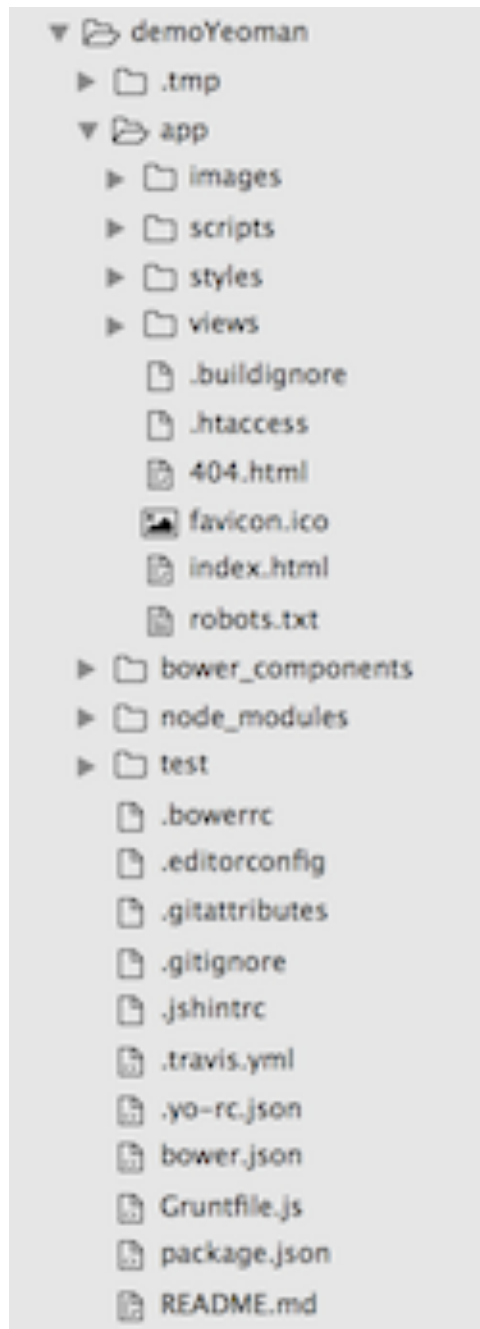
Goto the dir (demoYeoman in our case)

Hit the 'yo' command by selecting 'Run the Angular Generator'.

At this step yo will ask for configuring your project. Select the defaults. Yeoman will automatically scaffold your app along with the necessary dependencies

Check the project structure generated

Yeoman Installation Step By Step



Start the server.

In mac python is installed by default that provides a simple http server.
Start that server using the below command

Yeoman Installation Step By Step

```
python -m SimpleHTTPServer 9999
```

Check your application

- a. Run the below command

```
grunt test
```

If any point you get errors related to karma, hit the following 2 commands-

```
sudo npm install grunt-karma --save-dev  
npm install karma-phantomjs-launcher --save-dev
```