

## Node

Download and install NodeJS

<https://nodejs.org/en/v4.4.5 LTS>

## Install Git Bash

<https://git-scm.com/download/win>

## Install Ruby

<http://rubyinstaller.org/downloads/>

Select the checkbox "Add Ruby executables to your PATH"

Install Compass

Open Git Bash and type

```
gem install compass
```

## Install Yeoman

Open Git Bash and type

```
node --version
```

This should display the following output:

```
v4.4.5
```

Run the following command in Git Bash

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

After the installation finished run the following command:

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

This displays something like this:

```
1.8.3
1.7.9
grunt-cli v1.2.0
```

Install the grunt-postcss module

```
npm install grunt-postcss --save
```

## Getting the code

Switch to a folder with

```
cd Documents/angular
```

Clone the repository

```
git clone git://github.com/fims/angular.git
```

Checkout the current step

```
git checkout step-x --foce
```

## Install AngularJS generator

Type

```
npm install --global generator-angular@0.11.1 generator-karma
```

Create a new project

```
yo angular
```

Start the app with

```
grunt serve
```

## Testing

Type the following in GitBash

```
npm install grunt-karma karma karma-phantomjs-launcher karma-jasmine  
jasmine-core phantomjs-prebuilt --save-dev
```

Run the tests

```
grunt test
```