

Installing dependancies

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Installing Node.js

The scaffolding system around ionic is based on Node.js (javascript you can run on the command line).

Mac

Option 1) HomeBrew

For mac I recommend installing node (and other packages) using Homebrew package management system.

<http://brew.sh/>

Follow the instructions on the Homebrew website under the *Install Hombrew* section.

Then open up a terminal and type

```
$ brew install node --without-npm
```

```
$ echo prefix=~/.node >> ~/.npmrc
```

```
$ curl -L https://www.npmjs.com/install.sh | sh
```

Then edit .bash_profile and make sure to add the PATH environment variable

```
$ export PATH="$HOME/.node/bin:$PATH"
```

Option 2) Node Mac OS X Installer

If for some reason you don't want to use homebrew then you can install Node using their installer.

<https://nodejs.org/download/>

NOTE: If you have an existing node install or are having problems with your node install then try following these instructions:

<https://gist.github.com/DanHerbert/9520689>

Windows

Install Node using their installer.

<https://nodejs.org/download/>

Installing the Ionic CLI

This is all we need to install ionic, since ionic is based on “cordova” we will install that as well.

```
$ npm -g install cordova
```

```
$ npm -g install ionic
```

To make sure ionic has installed correctly run

```
$ ionic info
```

You should see something printed out like

```
$ ionic info
```

```
Your system information:
```

```
Cordova CLI: 5.0.0
```

```
Gulp version: CLI version 3.8.11
```

```
Gulp local: Local version 3.9.0
```

```
Ionic Version: 1.0.1
```

```
Ionic CLI Version: 1.6.1
```

```
Ionic App Lib Version: 0.3.3
```

```
ios-deploy version: 1.4.0
```

```
ios-sim version: 3.0.0
```

```
OS: Mac OS X Yosemite
```

```
Node Version: v0.12.2
```

```
Xcode version: Xcode 6.4 Build version 6E35b
```

Installing Bower

Bower is the package management system we will use to install 3rd party javascript libraries into our applications.

```
$ npm install -g bower
```

