

Setting Up Development Environment

Whenever you decide to learn a new programming language there will always be some beginning leg work that needs to be completed before you can get started. In our case we will need to set up our computer to be able to run PHP and SQLite locally. As well as our package managers composer and NPM. In this guide I will discuss the installation of these tools for Mac but you can easily find the install instructions for Windows and Linux the tools respective websites.

PHP & SQLite

The great thing about developing on Mac is that PHP and SQLite comes pre-installed with newer Mac Operating systems. Laravel requires that you have a PHP version greater than or equal to 5.6.4, so if you need to upgrade or you don't have PHP installed you can find more information on PHP's guide on installing and configurations found here: <http://php.net/manual/en/install.php>

Composer

To get Composer installed you must first download the latest version from <https://getcomposer.org/download> under the Manual Download section. From there we will need to make sure that Composer can be accessed globally on our system.

To do that we will open up the directory that holds our composer.phar file in the terminal and run the following command:

mv composer.phar /usr/local/bin/composer

This will add composer to your PATH. Note that if you get a permission error you may need to include **sudo** in front of the command.

Node.JS & NPM

NPM stands for Node Package Manager and is included when installing Node. To install Node and NPM you will need to download the installer from:

<https://nodejs.org/en/download>. Once you have the installer downloaded you can run the binary and once installation has completed, you should be able to see if NPM is installed by opening up the terminal and running: **npm -v**