

LARAVEL BASICS

WHAT

Laravel is an opensource framework with **MVC design pattern**. MVC stands for Model - View - Controller. It basically separates logic from just presentation. The **Controller** is the brain. It receives a query from the **View** (front-end) and asks the **Model** to provide the data (back-end).

WHY

DEPENDENCIES ARE STORED IN

DEPENDENCIES FOLDER

TO START YOUR PROJECT

TO LAUNCH THE SERVER

COMPOSER

NPM

Both manage dependencies

PHP dependencies

Front-End dependencies (Sass, Less, Javascript frameworks...like Vue.js..)

composer.json

package.json

vendor

node_modules



```
composer create-project --prefer-dist laravel/laravel:^7.0 MyProject
```

or..

```
cd MyProject  
composer create-project --prefer-dist laravel/laravel:^7.0 .
```

```
php artisan serve
```

➡ YES! Laravel is a **full-comfort framework**, also provides its own server for local development **http://localhost:8000**

MAIN FOLDERS

WHERE...

app

...the brain is.

app/Http/Controllers

...the brain of each website page is.

app/Http/Middleware

...website protected pages are managed.

database/migrations

...DB tables are created and managed.

database/seeds

...DB tables are filled for developing purposes.

public

...is stored anything accessible from the userside (compiled by Composer and NPM)

resources/js

...to compile our JS script

resources/sass

...to compile our Sass/CSS

resources/views

...to compile our Pages

routes (api.php)

...to ask from DB API

routes (web.php)

...to manage paths

vendor and node_modules ...dependencies are stored