

Empty laravel

what is laravel:

- Laravel is a web application framework with expressive, elegant syntax.
- A web framework provides a structure and starting point for creating your application

what is composer :

- Composer is a dependency management tool for PHP programming language. It is a command-line tool that simplifies the process of managing dependencies for a PHP project.
- Composer uses a configuration file called "composer.json" to define the dependencies and requirements of a PHP project. This file specifies the required packages and their versions, as well as any other configurations that are needed.

What is PHP :

- PHP is particularly suited for building web applications and dynamic websites,
- PHP can interact with a variety of databases, including MySQL, Oracle, and PostgreSQL, which makes it a popular choice for building database-driven web applications.

Install PHP 8 :

`sudo apt update`

`sudo apt install -y php php-common php-cli php-gd php-mysqlnd php-curl php-intl php-mbstring php-bcmath php-xml php-zip`

Install PHP Composer :

`sudo apt install -y curl`

`curl -sS https://getcomposer.org/installer | sudo php -- --install-dir=/usr/bin --filename=composer`

Install Laravel :

create a Laravel project with the composer.

```
composer create-project laravel/laravel my_example_app
```

Now, go to the project directory.

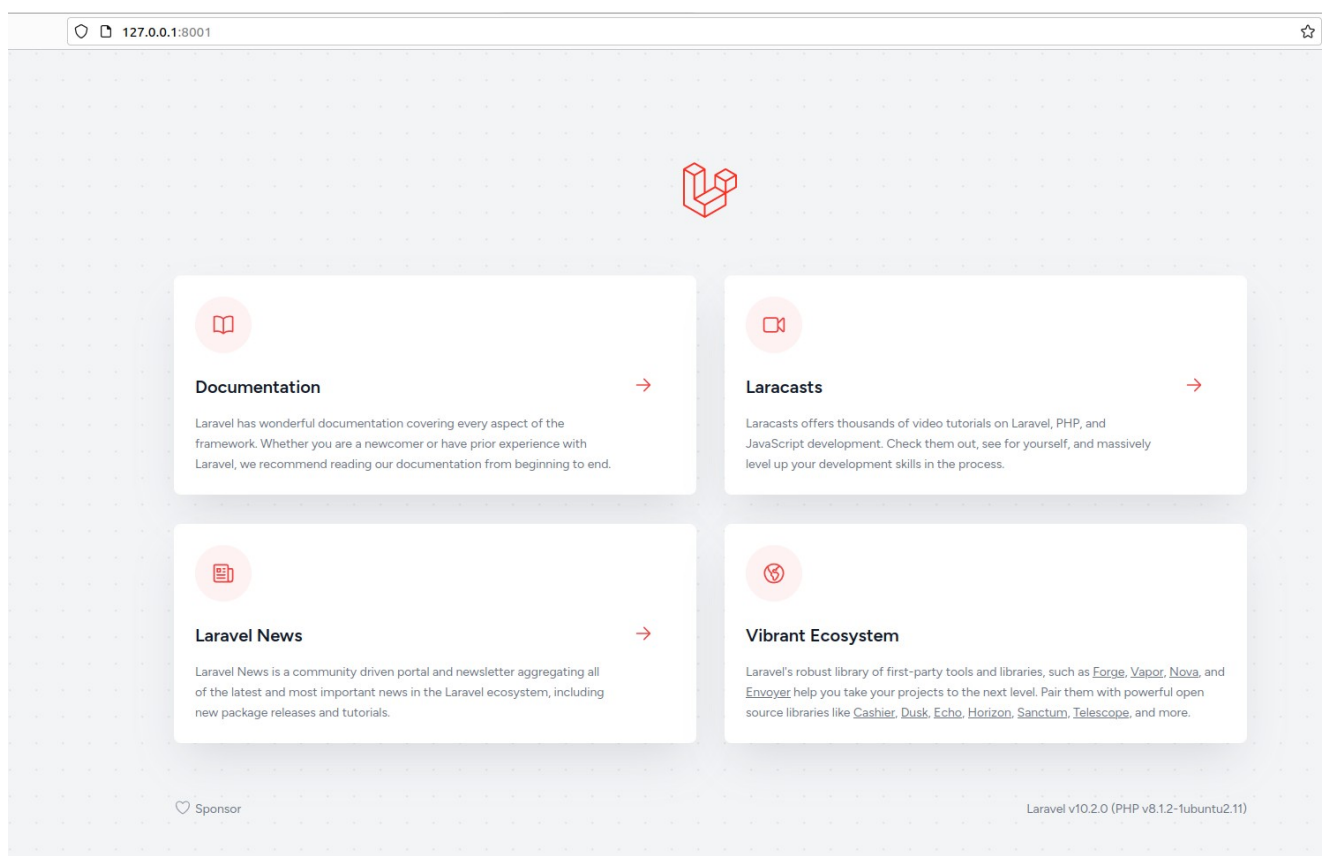
```
cd my_example_app
```

Then, start Laravel's local development server using the artisan serve command.

```
php artisan serve
```

By default, Laravel listens on the localhost with port 8001. However, you can use the `--host` and `--port` options to change the listening IP address and port of Laravel, respectively.

```
php artisan serve --host 127.0.0.1--port 8001
```



`composer create-project laravel/laravel my_example_app`

this command does :

- created a directory

- copy file `.env.example` to `.env`

- install laravel

Using PostgreSQL With Laravel:

By default Laravel ships with MySQL ou may want to try out other SQL database type

Change the following as appropriate within the Laravel's **.env** file

`DB_CONNECTION=pgsql`

`DB_HOST=127.0.0.1`

`DB_PORT=54320`

`DB_DATABASE=test1`

`DB_USERNAME=admin`

`DB_PASSWORD=admin`

`DB_CONNECTION=pgsql`: This line specifies the database driver that will be used to connect to the database. In this case, it is PostgreSQL.

`B_HOST=127.0.0.1`: This line specifies the IP address or hostname of the database server.

`DB_PORT=54320`: This line specifies the port number that the PostgreSQL database is listening on

`DB_DATABASE=test1`: This line specifies the name of the database that the web application will connect to.

`Php artisan migrate`

```
root@ubuntu-VivoBook-ASUSLaptop-X515EP-X515EP:~/my_example_app# php artisan migrate
```

```
INFO Preparing database.
```

```
Creating migration table ..... 6ms DONE
```

```
INFO Running migrations.
```

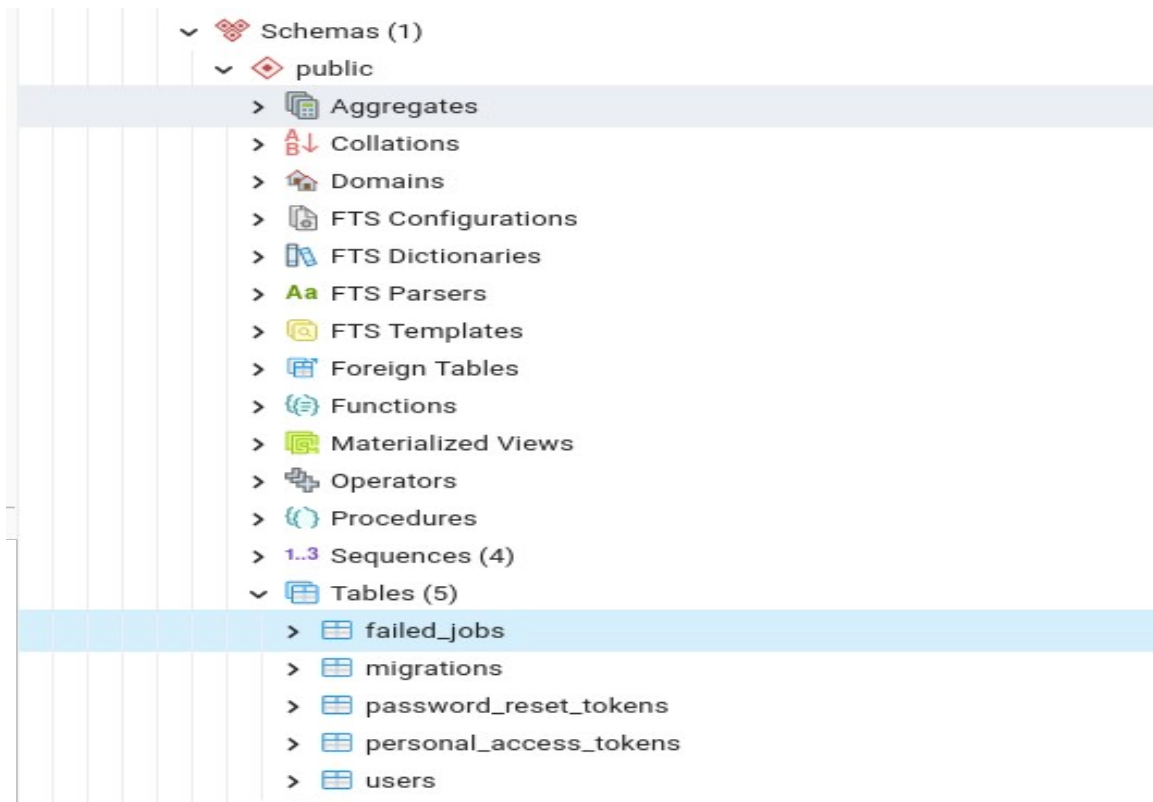
```
2014_10_12_000000_create_users_table ..... 6ms DONE  
2014_10_12_100000_create_password_reset_tokens_table ..... 3ms DONE  
2019_08_19_000000_create_failed_jobs_table ..... 5ms DONE  
2019_12_14_000001_create_personal_access_tokens_table ..... 6ms DONE
```

```
root@ubuntu-VivoBook-ASUSLaptop-X515EP-X515EP:~/my_example_app# cd database/migrations
```

```
root@ubuntu-VivoBook-ASUSLaptop-X515EP-X515EP:~/my_example_app/database/migrations# ls -ltr
```

```
total 16
```

```
-rw-r--r-- 1 root root 856 000001_14_12_2019 19:37 27 فيفري_create_personal_access_tokens_table.php  
-rw-r--r-- 1 root root 768 000000_19_08_2019 19:37 27 فيفري_create_failed_jobs_table.php  
-rw-r--r-- 1 root root 641 100000_12_10_2014 19:37 27 فيفري_create_password_reset_tokens_table.php  
-rw-r--r-- 1 root root 751 000000_12_10_2014 19:37 27 فيفري_create_users_table.php
```



[php artisan db:seed](#)

`php artisan db:seed` is a command used in Laravel framework's command line interface (CLI) to seed a database with initial data.

token-laravel

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