

Connecting Laravel to PostgreSQL

1. open root directory of your Laravel project.
2. edit file .env and configure this:

```
DB_CONNECTION=pgsql
DB_HOST=127.0.0.1
DB_PORT=5432
DB_DATABASE=ite19_DB_act
DB_USERNAME=postgres
DB_PASSWORD=Elro2001
```

3. Configure config/database.php and configure this:

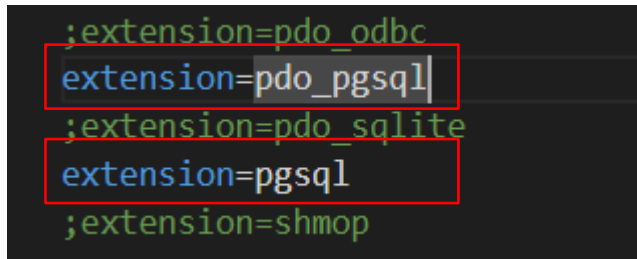
- Set default from mysql to pgsql

```
*/
'default' => env('DB_CONNECTION', 'pgsql'),
/*
```

- Set this part in databse.php

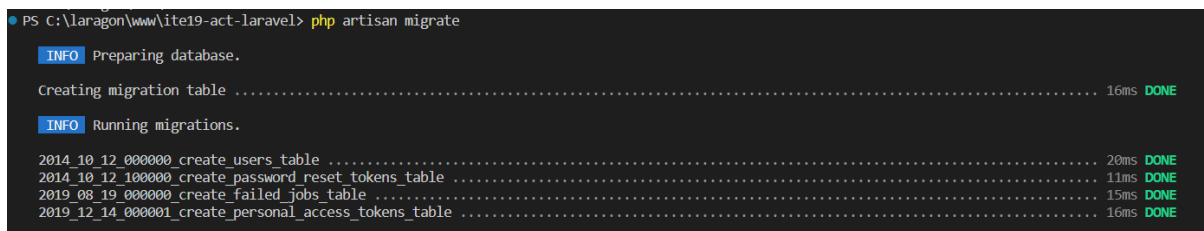
```
'pgsql' => [
    'driver' => 'pgsql',
    'url' => env('DATABASE_URL'),
    'host' => env('DB_HOST', '127.0.0.1'),
    'port' => env('DB_PORT', '5432'),
    'database' => env('DB_DATABASE', 'ite19_DB_act'),
    'username' => env('DB_USERNAME', 'postgres'),
    'password' => env('DB_PASSWORD', 'Elro2001'),
    'charset' => 'utf8',
    'prefix' => '',
    'prefix_indexes' => true,
    'search_path' => 'public',
    'sslmode' => 'prefer',
],
```

4. go to C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64 “php.ini” or root directory of your php in Laragon and uncomment or remove this “;” to uncomment this part and save:



A screenshot of a text editor showing the configuration of PHP extensions in a php.ini file. The following lines are visible and have been uncommented (the semicolon at the start has been removed):
;extension=pdo_odbc
extension=pdo_pgsql
;extension=pdo_sqlite
extension=pgsql
;extension=shmop

5. run “php artisan migrate” to migrate your tables from migration to postgresql.



A terminal window showing the execution of the 'php artisan migrate' command. The output indicates that the database is being prepared and several migrations are being run successfully.

```
PS C:\laragon\www\ite19-act-laravel> php artisan migrate
INFO: Preparing database.
Creating migration table ..... 16ms DONE
INFO: Running migrations.
2014_10_12_000000 create_users_table ..... 20ms DONE
2014_10_12_100000 create_password_reset_tokens_table ..... 11ms DONE
2019_08_19_000000 create_failed_jobs_table ..... 15ms DONE
2019_12_14_000001 create_personal_access_tokens_table ..... 16ms DONE
```