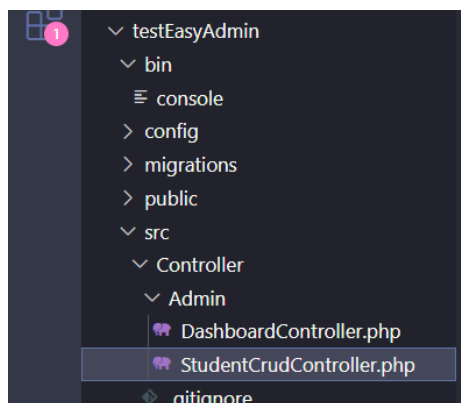


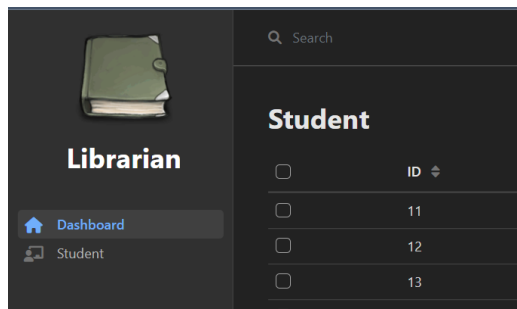
Discipline : MDW
Matière : Atelier Framework Côté Serveur
Unité d'Ensg. : Programmation objet avancée
Niveau : 3^{ème} Année (Licence appliquée : LMD)

Workshop 6: Using EasyAdmin and Deploying the application

Using EasyAdmin

- 1- Create the folder « Admin » in src
- 2- Run : `composer require easycorp/easyadmin-bundle`
- 3- Run: `php bin/console make:admin:dashboard`
- 4- Run: `symfony console make:admin:crud` and choose the Student entity
- 5- Test the root: `/admin`





In DashboardController

```
#[Route('/admin', name: 'admin')]
public function index2(): Response
{

    $routeBuilder = $this->container->get(AdminUrlGenerator::class);
    $url = $routeBuilder->setController(BorrowingCrudController::class)-
>generateUrl();
    return $this->redirect($url);
    // return parent::index();
}
```

```
public function configureMenuItems(): iterable
{
    yield MenuItem::linktoDashboard('Dashboard', 'fa fa-home');
    yield MenuItem::linkToCrud('Student', 'fas fa-chalkboard-teacher',
Student::class);
}
public function configureDashboard(): Dashboard
{
    return Dashboard::new()
        ->setTitle('<h2 class="mt-3 fw-bold text-white
text-center">Librarian</h2>')
        ->renderContentMaximized();
}
```

In StudentCrudController

```
public function configureCrud(Crud $crud): Crud
{
    $crud = Crud::new();
    return $crud
        ->setPaginatorPageSize(10)
```

```

        ->setPaginatorRangeSize(4)
    ;
}

```

6- Add Borrowing entity to your dashboard

E:\TP_JEE\Etudiant\PHP\testEasyAdmin>symfony console make:admin:crud

```

PROBLÈMES  SORTIE  TERMINAL  JUPYTER  CONSOLE DE DÉBOGAGE

E:\TP_JEE\Etudiant\PHP\testEasyAdmin>symfony console make:admin:crud

Which Doctrine entity are you going to manage with this CRUD controller?:
[0] App\Entity\Author
[1] App\Entity\Book
[2] App\Entity\Borrowing
[3] App\Entity\Student
[4] App\Entity\User
> 2

```

7- E:\TP_JEE\Etudiant\PHP\testEasyAdmin>composer dump-env prod

Change prod by dev

8-

LogicException

HTTP 500

When using date/time fields in EasyAdmin backends, you must install and enable the PHP Intl extension, which is used to format date/time values.

First of all stop the server and then kindly remove the starting semicolon (;) from your **D:/php/php.ini** the following code.

extension=intl

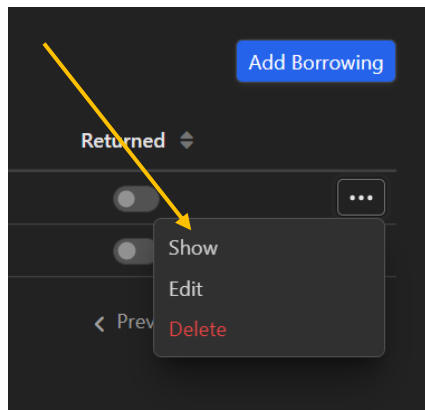
And then restart your server.

9- Change the icon of Borrowing option

```
yield MenuItem::linkToCrud('Borrowing', 'fas fa-book-reader', Borrowing::class);
```

10- Test the edit and the create button

11- Add the Show option in borrowing table



With

```
public function configureActions(Actions $actions): Actions
```

12- Manage the association many to many between Book and Author

Deploying the app

- 1- Install Heroku which is a platform as a service (PaaS : cloud computing model where a third-party provider delivers hardware and software tools to users over the internet) that enables developers to build, run, and operate applications entirely in the cloud.

macOS

```
$ brew tap heroku/brew && brew install heroku
```

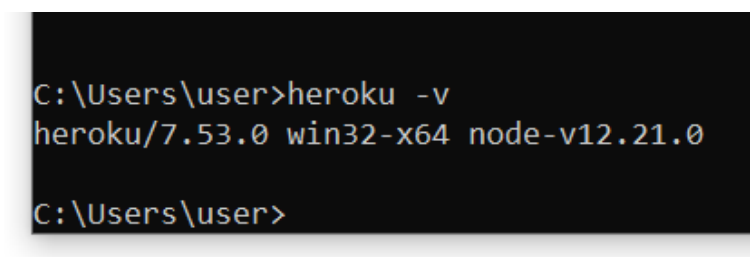
Windows

Download the appropriate installer for your Windows installation:

64-bit installer

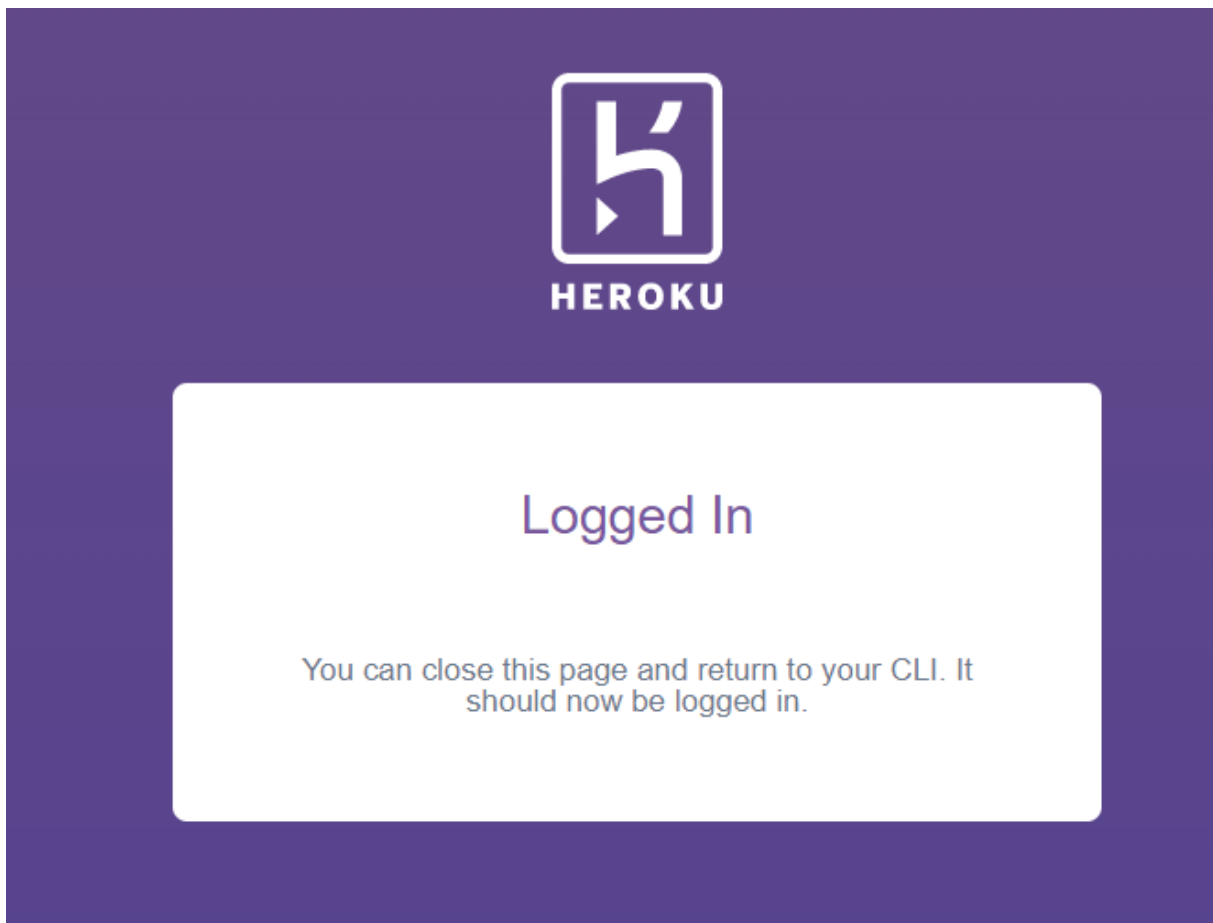
32-bit installer

- 2- Verify your installation



- 3- Create your account and login to the platform

E:\TP_JEE\Etudiant\PHP\testEasyAdmin>heroku login



4- Create a session Heroku

E:\TP_JEE\Etudiant\PHP\testEasyAdmin>heroku create

5- In the root of your project create a file named: Procfile with the line :

web: \$(composer config bin-dir)/heroku-php-apache2 public/

6- In .env file, change dev by prod

7- Install apache-pack (Apache Pack is a Symfony Component that A pack for Apache support in Symfony.)

E:\TP_JEE\Etudiant\PHP\testEasyAdmin>composer require symfony/apache-pack

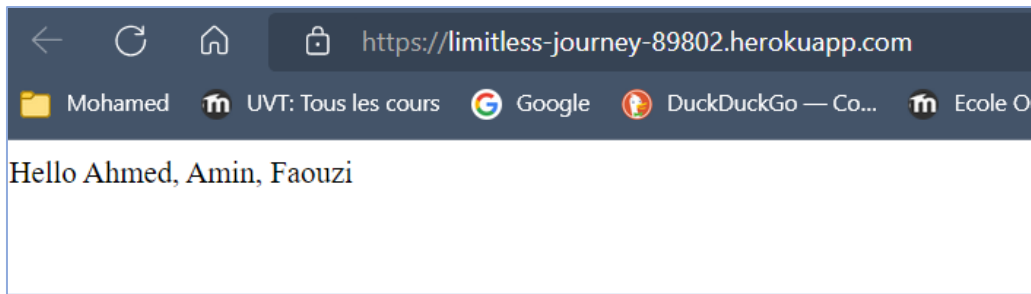
- Git status
- Git add .

E:\TP_JEE\Etudiant\PHP\testEasyAdmin>git commit -m "Added support for Apache."

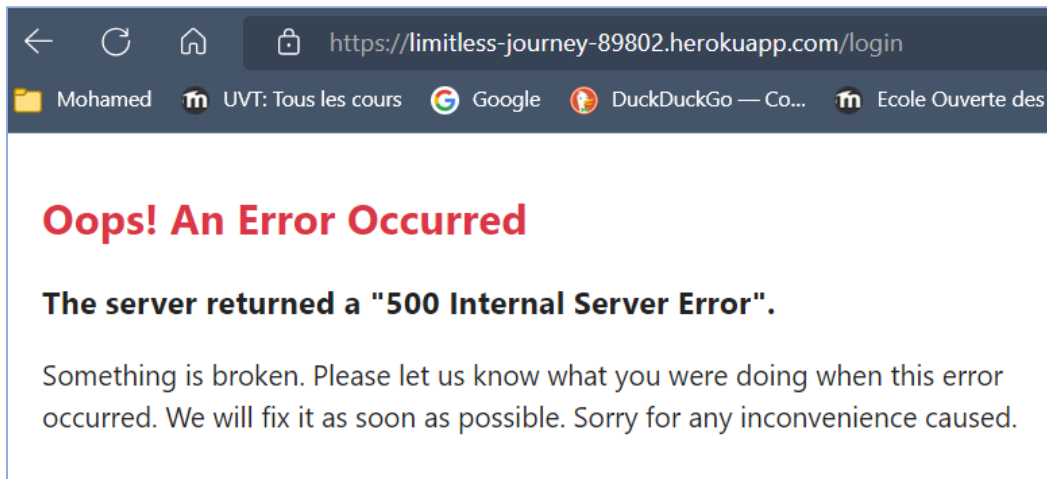
E:\TP_JEE\Etudiant\PHP\testEasyAdmin>git status

8- Open a Heroku session with

Heroku open



When we try /login with login name and password, an error occurred:



So we need to configure a remote access to database, by running the following command

```
E:\TP_JEE\Etudiant\PHP\testEasyAdmin>heroku addons:add cleardb:ignite
```

A message appear :

Please verify your account to install this add-on plan (please enter a credit card) For more information...

By installing the add-on, we need to configure the DATABASE_URL, validate and update the schema

```
Heroku config:set DATABASE_URL=...
```

```
Heroku php bin/console doctrine:schema:validate
```

```
Heroku php bin/console doctrine:schema:update
```