



Technical Test

Context

Create a REST API for a Blog which allows a user to make posts, write comments.

There are two types of users :

- ADMIN
- WRITER

A user can create / edit / delete/ comment on a blog.

A blog can have many comments from different users [no threads].

Constraints

The technical constraints for this project are as follows:

- Language: PHP 7.4
- Framework: Symfony 5.3
- Bundle: FosRestBundle
- Database: Sqlite
- Respect the REST conventions

The api should be available via swagger and well documented

It would take 4h to 8h to make the test

Evaluation criteria

We will pay attention to the following elements:

- Respect of the conventions (PSR-1, PSR-2, PSR-12)
- Naming of variables/methods/classes is meaningful
- Tests
- Solution documentation
- Application design
- Database design.

Deliverability

The project should be available in a public GitHub repo.

The README.md should contain the documentation for launching the project, time spent and anything else you feel we need to know.

Do not hesitate to give us feedback and explain to us the possible blocking problems you would have problems you have encountered during development that prevent you from finishing your project.

Features

Feature 1: Users and authentication

- Create an authentication route that returns a token, you can use in_memory user or create a signup as you wish.
- Create a route that retrieve all users accessible for Admin only
- Create a route that retrieves the current connected user.

Feature 2: Manage posts

Posts must have creation and update dates.

Create routes accessible only for Writer to:

- Create a blog post
- Update the blog post (owner of the post only)
- Delete the blog post (owner of the post only)

Feature 3: Read posts

- Create a route to list all the post accessible for the public (with and without authentication)
- Create a route to list only the posts of the connected user

Optional part

These elements are optional and can be done in any order.

Feature 4: Comments

- Create a route to comment on a post for connected users or anonymous.
- Create a route to see every comment from a post (with and without authentication).

Feature 5: Create a post from Reddit

The goal here is to create a post from an already existing post on reddit, by getting the title, content.

- Create a route that allow to create a post from reddit post share link:

