🎓 TP - PHP

You have 7 hours to realize the following case.

You will be evaluated on your ability to meet the following 📝 functional goals.

Open/Closed

You need to folow the `open/closed principle` .

[@see open/closed](#)

🚦 Routing

You need to enforce your routing.

👪 User endpoint

An uri for a method have to `provide an user` :

```
uri: /users/4
method: GET
```

- 📝 The api must provide an `user` for an id
- 📝 The api must repond with a `404` status code for non existing user
- 📝 The api must repond with a `200` status code for existing user
- 📝 The api must repond with a `json` body of the `retrieved user`

An uri for a method have to `delete an user` :

```
uri: /users/4?token=USER_TOKEN
method: DELETE
```

- 📝 The api must delete an `user` for an id
- 📝 The api must repond with a `401` status code if there is no token
- 📝 The api must repond with a `403` status code if the token does not belong to the user
- 📝 The api must repond with a `202` status code for delete success
- 📝 The api must repond with a `json` body of the `deleted user`

You have to capture parts of regular expressions:

[@see preg_match](#)

> Look at third optionnal parameters and capture parenthesis

Example

```php
preg_match("#(\d)#", "Hello 2 World", $match);
var_dump($matches);
```

Output

```
array(2) {
```

```
  [0]=>
  string(1) "2"
  [1]=>
  string(1) "2"
}
```

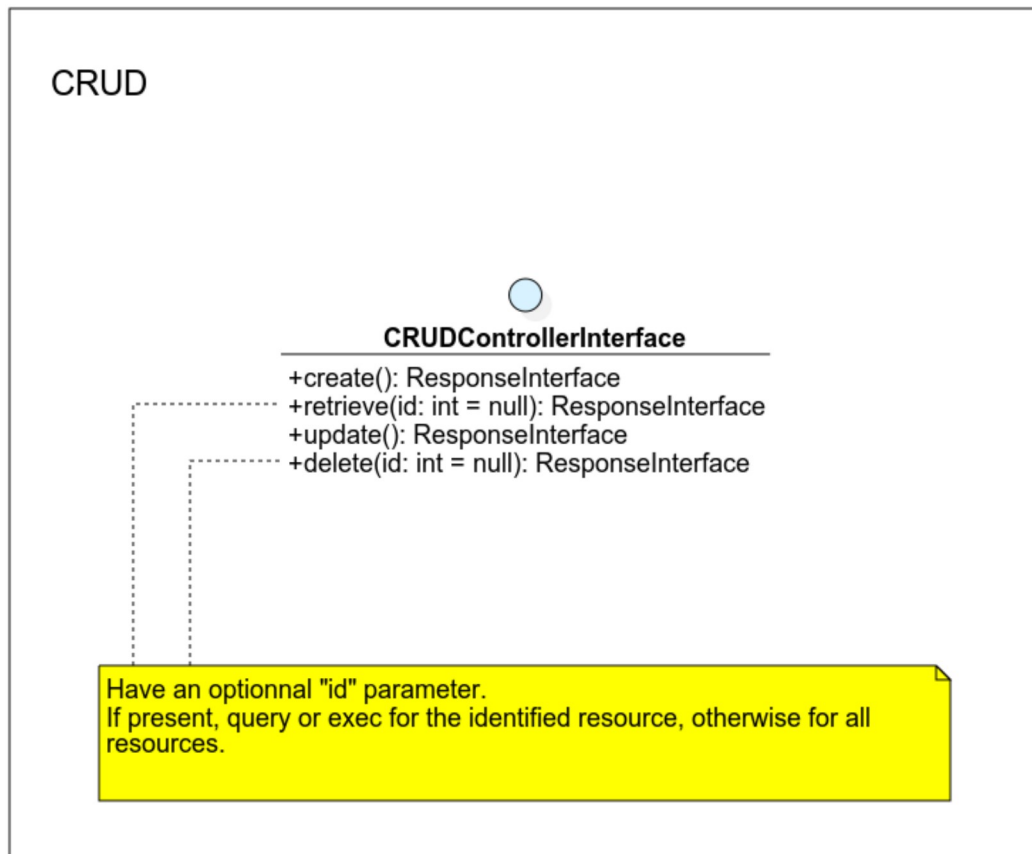**You should pass method arguments from an array**

@see splat operator

Example

```php
function foo($a, $b) {
    var_dump($a, $b);
}
foo(... ["Hello", "World"]);
```

Output

```
string(5) "Hello"
string(5) "World"
```

**You have to implements following interface.**

CRUD

CRUDControllerInterface

+create(): ResponseInterface
+retrieve(id: int = null): ResponseInterface
+update(): ResponseInterface
+delete(id: int = null): ResponseInterface

Have an optionnal "id" parameter.
If present, query or exec for the identified resource, otherwise for all resources.

Database

You need to enforce your database configuration.

- The Manager must use a configuration file to construct PDO
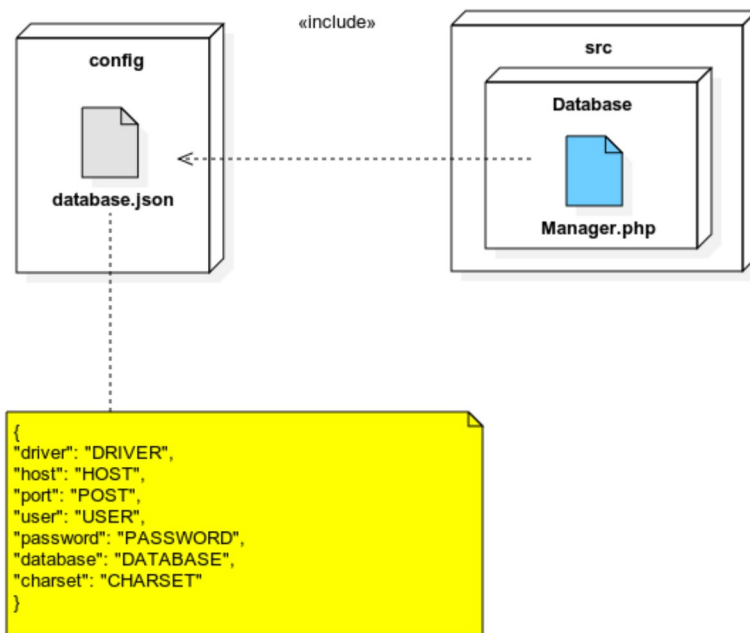
Manage your time

You need to enforce your own api, these manipulations do not open on others.

Let's focus