PHP Value Objects

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Introduction

This repository contains value objects implementations for PHP basic types:

- **Boolean** and **Nullable boolean**, bool type
- **DateTime** and **Nullable dateTime**, DateTime class
- **Decimal** and **Nullable decimal**, float type
- **Enum**, constants
- **Integer** and **Nullable integer**, int type
- **Json** and **Nullable json**, string type with json validation
- **Text** and **Nullable text**, string type
- **Uuid** and **Nullable Uuid**, string type with uuid validation

By definition these classes are immutable, will always be valid, don't have an identity (id) and describe a concept. In accordance with these ideas the value object classes have:

- __construct($value) to initialize its value and a value() function to get it.
- validation() function. Basic validations like string length validation, min/max validations or json and uuid format validations. When a validation fails throws an
- **InvalidValueObjectException**.
- abstract definition. You most describe your domain concepts.
- and equals() and toString() functions implementations.

How to use

To use this repository you copy and paste the folder **"Src"** into your project. The reason it's simple: you have to control this code. This code belongs to your inner logic. I recommend you copy **"Tests"** folder into your project too just in case you need to modify the src code.

Remember to configure the namespace **"Src"** classes according to your project.

Examples

The Order class it's a Domain Model example where are used value objects. Take a look at Example/Order/Order.php class and its test class Tests/Example/OrderTest.php.

To watch each value object example take a look at Test/Src folder.

Testing

To test this repository you most install [composer](#) dependency management tool. If you have installed composer download the repository and execute next command at root folder

```
composer tests
```