

Structuring the bundle

At this point, we have an “anonymous” Symfony 2 bundle.

Let's start by creating the structure for our FieldType. To make it easier to move around the code, we will mimic to some extent the structure that is used in the kernel. Native FieldTypes are located inside `ezpublish-kernel` (in `vendor/ezsystems`), in the `eZ/Publish/Core/FieldType` folder. Each FieldType has its own subfolder: `TextLine`, `Email`, `Url`... we will use a structure quite close from this.

From the tutorial repository, list the contents of the `eZ/Publish/FieldType` folder:

```
eZ
├── Publish
│   └── FieldType
│       ├── Tweet
│       ├── Type.php
│       └── Value.php
```

We have the two base classes required by a FieldType: `Type` and `Value`.

The Type class

The `Type` contains the logic of the field type: validating data, transforming from various formats, describing the validators...

A type class must implement `eZ\Publish\SPI\FieldType\FieldType`. It may also extend the `eZ\Publish\Core\FieldType\FieldType` abstract class.

The Value class

The `Value` is used to represent an instance of our type within a `Content`. Each `Field` will present its data using an instance of the `Type's Value` class.

A value class must implement the `eZ\Publish\SPI\FieldType\Value` interface. It may also extend the `eZ\Publish\Core\FieldType\Value` abstract class.