

The Time FieldType

This field type represents a time information.

| Name | Internal name | Expected input type |
|------|---------------|---------------------|
| Time | eztime | mixed |

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Description

This FieldType makes possible to store and retrieve a time information.



Date information is **not stored**.

What is stored is number of seconds, calculated from the beginning of the day in the given or the environment timezone.

Input expectations

If input value is of type `string` or `integer`, it will be passed directly to the PHP's built-in `\DateTime` class constructor, therefore the same input format expectations apply.

It is also possible to directly pass an instance of `\DateTime`.

| Type | Example |
|------------------------|---|
| <code>string</code> | <code>"2012-08-28 12:20 Europe/Berlin"</code> |
| <code>integer</code> | <code>1346149200</code> |
| <code>\DateTime</code> | <code>new \DateTime()</code> |

Value object

Properties

The Value class of this field type contains the following properties:

| Property | Type | Description |
|---------------------|-----------------------------|---|
| <code>\$time</code> | <code>integer null</code> | Holds the the time information as a number of seconds since the beginning of a day. |

Constructor

The constructor for this value object will initialize a new Value object with the value provided. It accepts an integer representing the number of seconds since the beginning of a day.

String representation

String representation of the date value will generate the date string in the format "H:i:s" as accepted by [PHP's built-in `date\(\)` function](#).

Example:

```
"12:14:56"
```

Hash format

Value in hash format is an integer representing a number of seconds since the beginning of a day.

Example:

```
36000
```

Validation

This FieldType does not perform validation of the input value.

Settings

The field definition of this FieldType can be configured with several options:

| Name | Type | Default value | Description |
|-------------|---|---------------------|---|
| useSeconds | boolean | false | Used to control displaying of seconds in the output. |
| defaultType | Type::DEFAULT_EMPTY Type::DEFAULT_CURRENT_TIME | Type::DEFAULT_EMPTY | The constant used here defines default input value when using administration interface. |

Time FieldType example settings

```
use eZ\Publish\Core\FieldType\Time\Type;

$settings = array(
    "defaultType" => DateAndTime::DEFAULT_EMPTY
);
```