

The Date FieldType

This field type represents a date without time information.

Name	Internal name	Expected input type
Date	ezdate	mixed

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Description

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

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

Time information is **not stored**.

Before storing, given input value will be set to the the beginning of the day in the given or the environment timezone.

Value object

Properties

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

Property	Type	Description
<code>\$date</code>	<code>\DateTime</code>	This property will be used for the text content.

String representation

String representation of the date value will generate the date string in the format "l d F Y" as accepted by PHP's built-in `date()` function.

Example:

```
| Wednesday 22 May 2013
```

Constructor

The constructor for this value object will initialize a new Value object with the value provided. It accepts an instance of PHP's built-in `\DateTime` class.

Hash format

Hash value of this FieldType is an array with two keys:

Key	Type	Description	Example
<code>timestamp</code>	integer	Time information as a <code>timestamp</code> .	1400856992
<code>rfc850</code>	string	Time information as a string in <code>RFC 850 date format</code> . As input, this will have higher precedence over the <code>timestamp</code> value.	"Friday, 23-May-14 14:56:14 GMT+0000"

Example of the hash value in PHP

```
$hash = array(  
    "timestamp" => 1400856992,  
    "rfc850" => "Friday, 23-May-14 14:56:14 GMT+0000"  
);
```

Validation

This FieldType does not perform any special validation of the input value.

Settings

The field definition of this FieldType can be configured with one option:

Name	Type	Default value	Description
<code>defaultType</code>	mixed	<code>Type::DEFAULT_EMPTY</code>	One of the <code>DEFAULT_*</code> constants, used by the administration interface for setting the default field value. See below for more details.

Following `defaultType` default value options are available as constants in the `eZ\Publish\Core\FieldType\Date\Type` class:

Constant	Description
<code>DEFAULT_EMPTY</code>	Default value will be empty.
<code>DEFAULT_CURRENT_DATE</code>	Default value will use current date.

Date FieldType example settings

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

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