

# Date Field Type

This Field Type represents a date without time information.

Name	Internal name	Expected input type
Date	ezdate	mixed

## Description

This Field Type makes it possible to store and retrieve date information.

## PHP API Field Type

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

Time information is **not stored**.

Before storing, the provided 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 Field Type is an array with two keys:

Key	Type	Description	Example
<code>timestamp</code>	integer	Time information as a <a href="#">timestamp</a> .	1400856992
<code>rfc850</code>	string	Time information as a string in <a href="#">RFC 850 date format</a> .  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 Field Type does not perform any special validation of the input value.

## Settings

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

Name	Type	Default value	Description
<code>defaultType</code>	mixed	<code>Type::DEFAULT_EMPTY</code>	One of the <b>DEFAULT_*</b> 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
);
```

## Template rendering

The template called by the [ez\\_render\\_field\(\)](#) Twig function while rendering a Date field has access to the following parameters:

Parameter	Type	Default	Description
locale	string		Internal parameter set by the system based on current request locale or if not set calculated based on the language of the field.

Example:

```
{{ ez_render_field(content, 'date') }}
```