

# 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

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

## Input expectations

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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

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### 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  
);
```