# 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 \DateT ime class constructor, therefore the same input format expectations apply.

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

Туре	Example
string	"2012-08-28 12:20 Europe/Berlin"
integer	1346149200
\DateTime	new \DateTime()

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	Туре	Description
\$date	\DateTime	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 "I 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	Туре	Description	Example
timestamp	integer	Time information as a ti mestamp.	1400856992
rfc850	string	Time information as a string in RFC 850 date format.  As input, this will have higher precedence over the timestamp 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	Туре	Default value	Description
defaultType	mixed	Type::DEFAULT_EMPT Y	One of the DEFAULT_* c onstants, 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
DEFAULT_EMPTY	Default value will be empty.
DEFAULT_CURRENT_DATE	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	Туре	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') }}
```