The Date Field Type

This Field Type represents a date without time information.

Name	Internal name	Expected input type
Date	ezdate	mixed

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Description

This Field Type makes it possible to store and retrieve 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
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	Type	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 "l d F Y" as accepted by PHP's built-in **date()** function.

Example:

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
timestamp	integer	Time information as a timestamp.	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

```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
defaultType	mixed	Type::DEFAULT_EMPTY	One of the **DEFAULT_*** 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
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
);
```