

# Time Field Type

This Field Type represents time information.

Name	Internal name	Expected input type
Time	eztime	mixed

## Description

This Field Type makes possible to store and retrieve time information.

Date information is **not stored**.

What is stored is the number of seconds, calculated from the beginning of the day in the given or the environment timezone.

## 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>

## Value object

### Properties

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

Property	Type	Description
<code>\$time</code>	<code>integer null</code>	Holds the time information as a number of seconds since the beginning of the day.

### Constructor

The constructor for this value object will initialize a new Value object with the value provided. It accepts an integer representing the number of seconds since the beginning of the day.

### String representation

String representation of the date value will generate the date string in the format "H:i:s" as accepted by [PHP's built-in `date\(\)` function](#).

Example:

"12:14:56"

## Hash format

Value in hash format is an integer representing a number of seconds since the beginning of the day.

Example:

36000

## Validation

This Field Type does not perform validation of the input value.

## Settings

The field definition of this Field Type can be configured with several options:

Name	Type	Default value	Description
useSeconds	boolean	false	Used to control displaying of seconds in the output.
defaultType	Type::DEFAULT_EMPTY Type::DEFAULT_CURRENT_TIME	Type::DEFAULT_EMPTY	The constant used here defines default input value when using administration interface.

### Time Field Type example settings

```
use eZ\Publish\Core\FieldType\Time\Type;  
  
$settings = array(  
    "defaultType" => DateAndTime::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, 'time') }}
```