

# EmailAddress Field Type

This Field Type represents an email address, in the form of a string.

Name	Internal name	Expected input type
EmailAddress	ezemail	string

## Description

The EmailAddress Field Type stores an email address, which is provided as a string.

## PHP API Field Type

### Value object

#### Properties

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

Property	Type	Description
\$email	string	This property will be used for the input string provided as email address.

#### Value object content example

```
use eZ\Publish\Core\FieldType\EmailAddress\Type;

// Instantiates an EmailAddress Value object with
// default value (empty string)
$emailaddressValue = new Type\Value();

// Email definition
$emailaddressValue->email = "someuser@example.com";
```

#### Constructor

The **EmailAddress\Value** constructor will initialize a new Value object with the value provided. It accepts a string as input.

#### Constructor example

```
use eZ\Publish\Core\FieldType\EmailAddress\Type;

// Instantiates an EmailAddress Value object
$emailaddressValue = new Type\Value(
    "someuser@example.com" );
```

#### String representation

String representation of the Field Type's Value object is the email address contained in it.

Example:

```
| someuser@example.com
```

## Hash format

Hash value for this Field Type's Value is simply the email address as a string.

Example:

```
| someuser@example.com
```

## Validation

This Field Type uses the **EmailAddressValidator** validator as a resource which will test the string supplied as input against a pattern, to make sure that a valid email address has been provided.

If the validations fail a **ValidationError** is thrown, specifying the error message.

## Settings

This Field Type does not support settings.