

# The Selection FieldType

## Selection

This field type represents a single selection or multiple choices from a list of options.

Name	Internal name	Expected input type
Selection	ezselection	mixed

## Description

The `Selection FieldType` stores single selections or multiple choices from a list of options, by populating a hash with the list of selected values.

## Validation

This `FieldType` validates the input, verifying if all selected options exist in the field definition, and, checks if multiple selections are allowed in the field definition.

If any of these validations fail a `ValidationError` is thrown, specifying the error message, and for the case of the option validation a list with the invalid options is also presented.

## Settings

Name	Type	Default value	Description
isMultiple	boolean	false	Used to allow or deny multiple selection from the option list.
options	hash	array( )	Stores the list of options defined in the field definition.

### Selection FieldType example settings

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

$settings = array(
    "isMultiple" => true,
    "options" => array(1 => 'One', 2 => 'Two', 3 => 'Three')
);
```

## Value object

### Properties

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

Property	Type	Description
\$selection	int[ ]	This property will be used for the list of selections, which will be a list of integer values, or one single integer value.

### Value object content examples

```
// Single selection
$value->selection = 1;

// Multiple selection
$value->selection = array( 1, 4, 5 );
```

### **Constructor**

The `Selection\Value` constructor accepts an array of selected elements identifiers.

### Constructor example

```
// Instanciates a selection value with items #1 and #2 selected
$selectionValue = new Selection\Value( array( 1, 2 ) );
```