

# 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 ) );
```