# The Relation Field Type

This Field Type represents a relation to a Content item.

| Name | Internal name | Expected input |
|------|---------------|----------------|
| Relation | ezobjectrelation | mixed |

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## Description

This Field Type makes it possible to store and retrieve the value of relation to a Content item.

## Input expectations

| Type | Example |
|------|---------|
| string | "150" |
| integer | 150 |

## Value object

### Properties

The Value class of this Field Type contains the following properties:

| Property | Type | Description |
|----------|------|-------------|
| $destinationContentId | string\|int\|null | This property will be used to store the value provided, which will represent the related content. |

> **Value object content example**
>
> ```
> $relation->destinationContentId = $contentInfo->id;
> ```

### Constructor

The `Relation\Value` constructor will initialize a new Value object with the value provided. It expects a mixed value.

**Constructor example**

```
// Instantiates a Relation Value object
$relationValue = new Relation\Value( $contentInfo->id );
```

## Validation

This Field Type validates whether the provided relation exists, but before it does that it will check that the value is either string or int.

## Settings

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

| Name | Type | Default value | Description |
| --- | --- | --- | --- |
| selectionMethod | int | self::SELECTION_BROWSE | This setting defines the selection method. It expects an integer (0/1). 0 stands for self::SELECTION_BROWSE, 1 stands for self::SELECTION_DROPDOWN. |
| selectionRoot | string | null | This setting defines the selection root. |

**Relation FieldType example settings**

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

$settings = array(
 "selectionMethod" => 1,
 "selectionRoot" => null
);
```

Note: These settings are meant for future use in user interface when allowing users to select relations.