

Integer Method Call

Fri, Mar 20, 2020 [How to use Method Calls](#)

Integer Method Call

Table of Contents

- [Integer Method Call](#)
 - [Code Example](#)
 - [Explanation of the code example](#)
 - [Example of the result](#)

A Integer Method Call is a Method Call that returns an Integer Expression.

- See [Methods](#) for **explanations** of the basics and for Code **examples** and for the **declaration** of Method Calls.
See [How to use Method Calls](#) for general information on using Method Calls.

Code Example

```
private IntegerProperty Number => IntegerProperty(null, IntegerDefinition.GetInstance(IntegerSize.Integer, false, maxValue:10));
private ReadOnlyIntegerProperty ComposedInteger => CalculatedIntegerProperty(ComposeTheInteger);protected override IUICreateGui() {
    return new VBox {
        new HBox(alignH:AlignH.Fill, alignV:AlignV.Fill) {
            new GroupBox("example") {
                new VBox(2) {
                    new Label("number (1 till 10):"),
                    new TextBox(Number),
                    new Label("calculated string:"),
                    new Label(ComposedInteger),
                    CodeContent
                },
                },
            new HBox(alignH:AlignH.Fill) {
                EmptySpace.FillH,
                new Button(Close())
            }
        };
}
```

```

IntegerMethodCall ComposeTheInteger(){ return IntegerMethod(
() => new Body { new If(Number.IsEqualTo(1)) {
    new Return(278) }, ... new ElseI
f(Number.IsEqualTo(10)) { new Return(-18)
}, new Else { new Return(0)
});}

```

Explanation of the code example

- In this example, in **line 2**, the private property `ComposedInteger` is filled with the return value of the Integer Method Call with the name `ComposeTheInteger()`.
- This private property is then in **line 19** displayed in a form, using `new Label`.
- This method is defined in **lines 34-54**.

Example of the result

A form like the one defined above, could look like this.

When nothing has been entered:

The screenshot shows a window titled "Example" containing two rows of text. The first row is "Number (1 till 10):" followed by an empty text input field with a small 'x' icon on the right. The second row is "Calculated integer:" followed by the number "0".

When 1 has been entered:

Example

Number (1 till 10):	<input type="text" value="1"/>	✕
Calculated integer:		278

When 10 has been entered:

Example

Number (1 till 10):	<input type="text" value="10"/>	✕
Calculated integer:		-18

Online URL:

<https://wiki-ai-framework.abstract-it.nl/article/integer-method-call-421.html>

```
SyntaxHighlighter.config.stripBrs=true; SyntaxHighlighter.all();
```