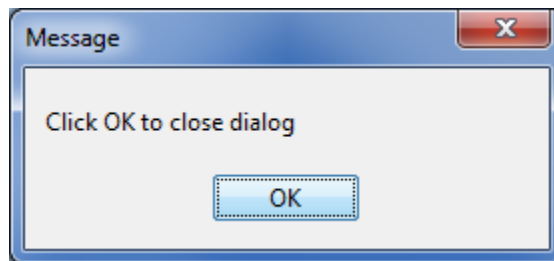# Dialog tool API

On this page

'message' Method

message(String message) : void. This method will create a **Message** dialog.

The code example is shown below:

```
$dialog.message("Click OK to close dialog")
```

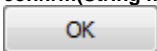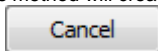The output will be as follows:

The Message dialog.

'confirm' Method

confirm(String message) : boolean. This method will create a **Confirmation** dialog. It will return the Boolean value 'true' when you click or 'false' when you click in the dialog.
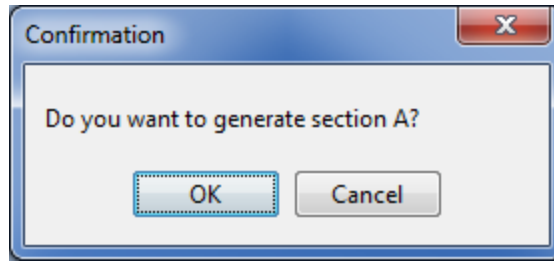
The code example is shown below:

```
#if($dialog.confirm("Do you want to generate section A?"))
#end
```
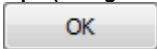
The output will be as follows:
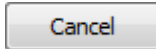
The Confirmation dialog.

'input' Method

Input dialog with text

input(String message) : String. This method will create an **Input** dialog from a message. It will return the input values as Strings when you click

OK or 'null' when you click Cancel in the dialog.

The code example is shown below:

```
#set ($userText = $dialog.input("Enter your name"))
#if ($userText)
Your name is $userText
#else
Please specify your name
#end
```

The output will be as follows:
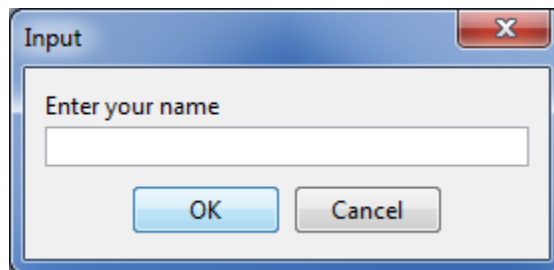
The Input dialog with text.

Input dialog with text and initial value

input(String message, String initialValue) : String. This method will create a message and add an initial value in an **Input** dialog. It will return the input

values as Strings when you click OK or 'null' when you click Cancel .
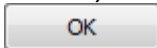
The code example is shown below:

```
#set ($userText = $dialog.input("Enter a date", "Sep28,2016"))
Date is $userText
```

The output will be as follows:

The Input dialog with text and an initial value.

Input dialog with text and initial value Array

input(String message, Collection options) : String. This method will create a message and add initial value arrays in an **Input** dialog. It will return the input values as Strings when you click [OK] or 'null' when you click [Cancel].

The code example is shown below:
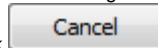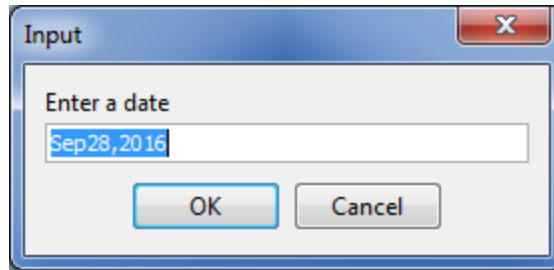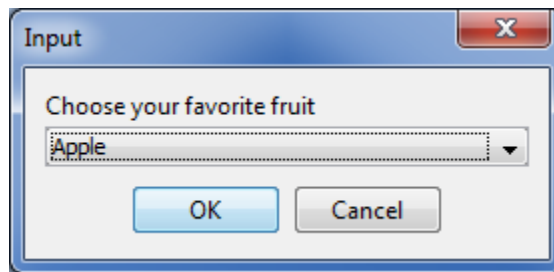
```
#set ($selectedOption = $dialog.input("Choose your favorite fruit", ["Apple", "Orange", "Banana"]))
Your favorite fruit is $selectedOption
```

The output will be as follows:

The Input dialog with text and initial value arrays.

'sort' Method

Sort and Enable dialog
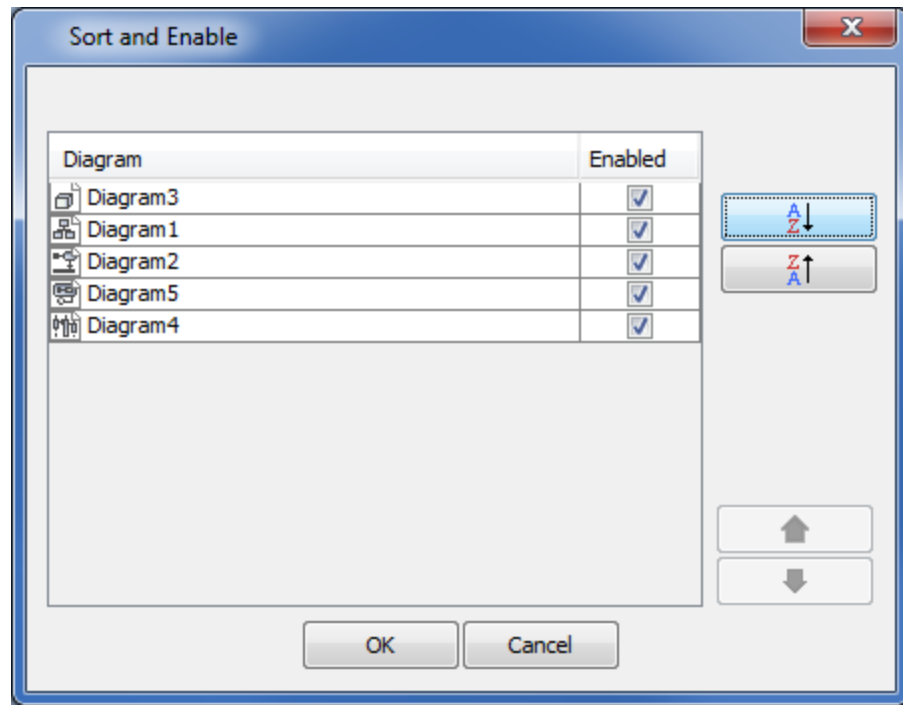
sort(Collection list) : Collection. This method will create a **Sort and Enable** dialog from collections. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].
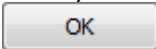
The code example is shown below:

```
#foreach ($diagram in $dialog.sort($Diagram))
$diagram.name
#end
```

The output will be as follows:

The Sort and Enable dialog.

Sort and Enable dialog with text

sort(String message, Collection list). This method will create a **Sort and Enable** dialog from text and collections. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].

The code example is shown below:

```
#foreach ($diagram in $dialog.sort("Rearrange diagram for presentation report",$Diagram))
$diagram.name
#end
```

The output will be as follows:

The Sort and Enable dialog with text.

Sort and Enable dialog with a default element selection option

sort(Collection list, Boolean defaultEnabled). This method will create a **Sort and Enable** dialog from text and collections with a default element selection option. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].
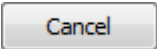
Sort and Enable dialog with a dialog title

sort(Collection list, String title, defaultEnabled : Boolean). This method will create a **Sort and Enable** dialog from text and collections with a dialog title. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].
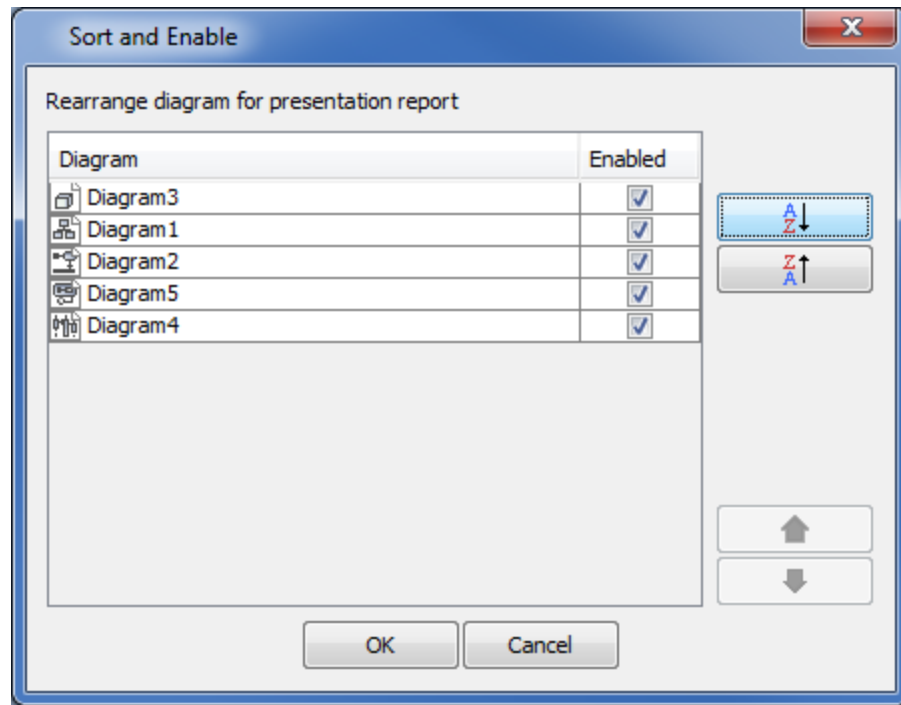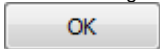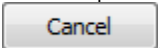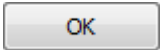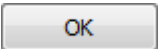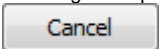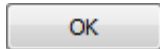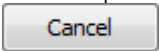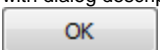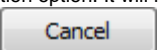
Sort and Enable dialog with dialog description

sort(String message, Collection list). This method will create a **Sort and Enable** dialog from text and collections with dialog description. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].
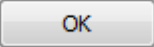
Sort and Enable dialog with dialog description and a default element selection option

sort(String message, Collection list, Boolean defaultEnabled). This method will create a **Sort and Enable** dialog from text and collections with dialog description and a default element selection option. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].

Sort and Enable dialog with dialog description, a dialog title, and a default element selection option

sort(String message, Collection list, String title, Boolean defaultEnabled). This method will create a **Sort and Enable** dialog from text and collections with dialog description, a dialog title, and a default element selection option. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].

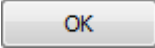## Sort and Enable dialog with dialog description, a dialog title, a default element selection option, and an option for hiding element icons

sort(String message, Collection list, String title, Boolean defaultEnabled, Boolean showElementIcon). This method will create a **Sort and Enable** dialog from text and collections with dialog description, a dialog title, a default element selection option, and an option for hiding element icons. It will return a collection of the newly sorted results when you click [OK] or return the original collection when you click [Cancel].
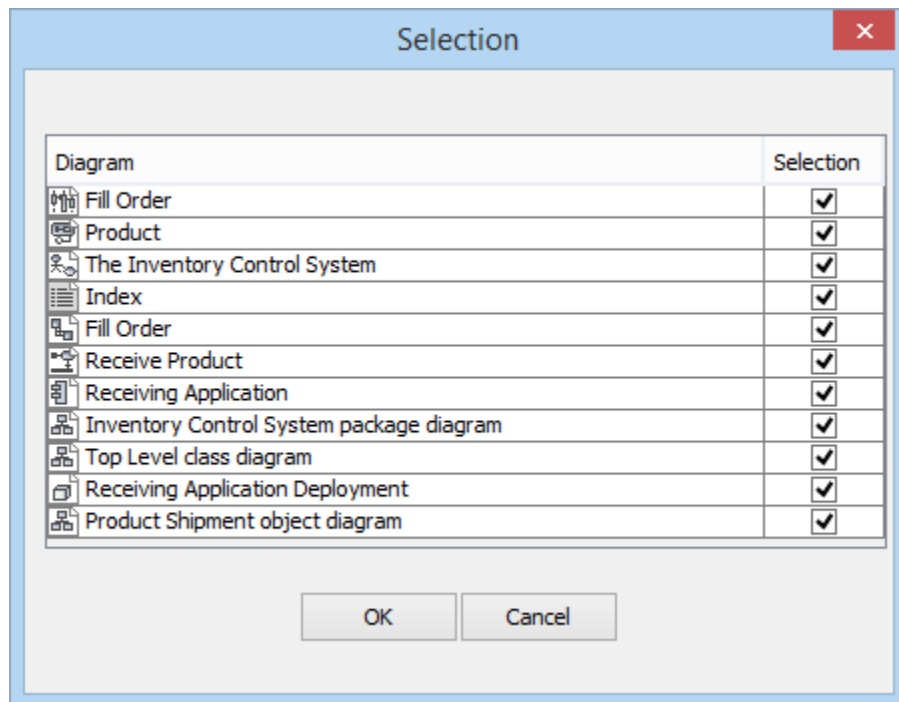
'select' Method

Default Selection dialog

select(Collection list) : Collection. This method will create a **Selection** dialog from a collection. Items in the collection will be listed in the **Selection** dialog. You can select the items and click [OK] to return a collection of the selected items or null when you click [Cancel].
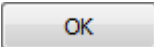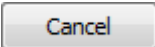
The code example is shown below:

```
#foreach ($class in $dialog.select($Diagram))
$diagram.name
#end
```

The output will be as follows:

The Selection dialog.

Selection dialog with a title

select(Collection list, String title) : Collection. This method will create a **Selection** dialog with a specified dialog title. The default **Selection** dialog title is **Selection**. You can select the items and click [OK] to return a collection of the selected items or null if you click [Cancel].

The code example is shown below:

```
#foreach ($diagram in $dialog.select($Diagram, "Selection Dialog"))
$diagram.name
#end
```
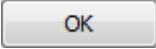
The output will be as follows:
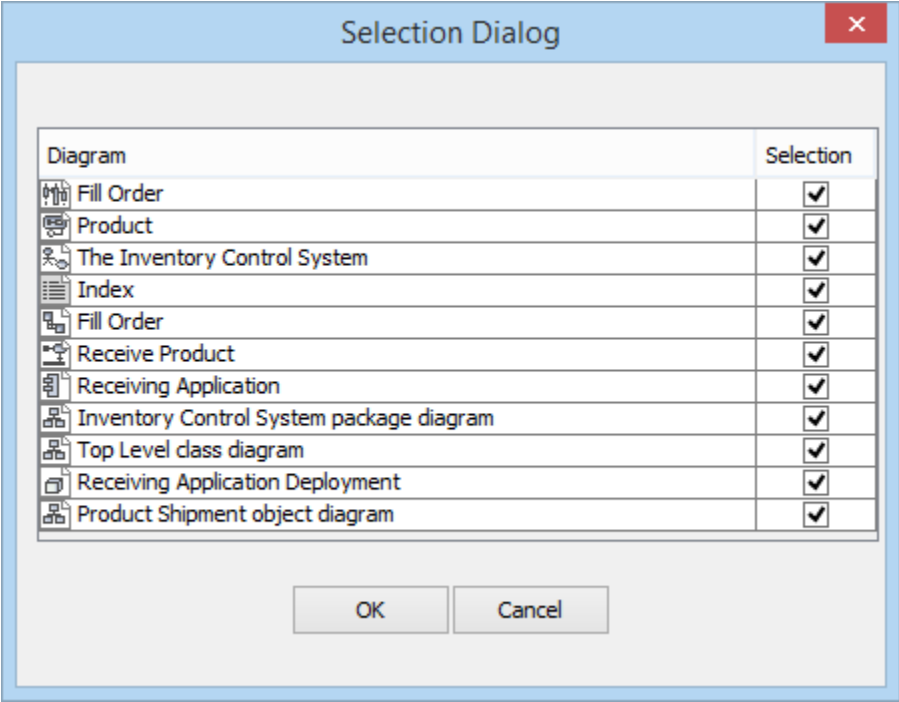
The Selection dialog with title.

Selection dialog without selection

select(Collection list, String title, Boolean defaultSelected) : Collection. This method will create a **Selection** dialog from the collection without selecting the items in the dialog. You can specify whether all listed items will be selected or not. The default valu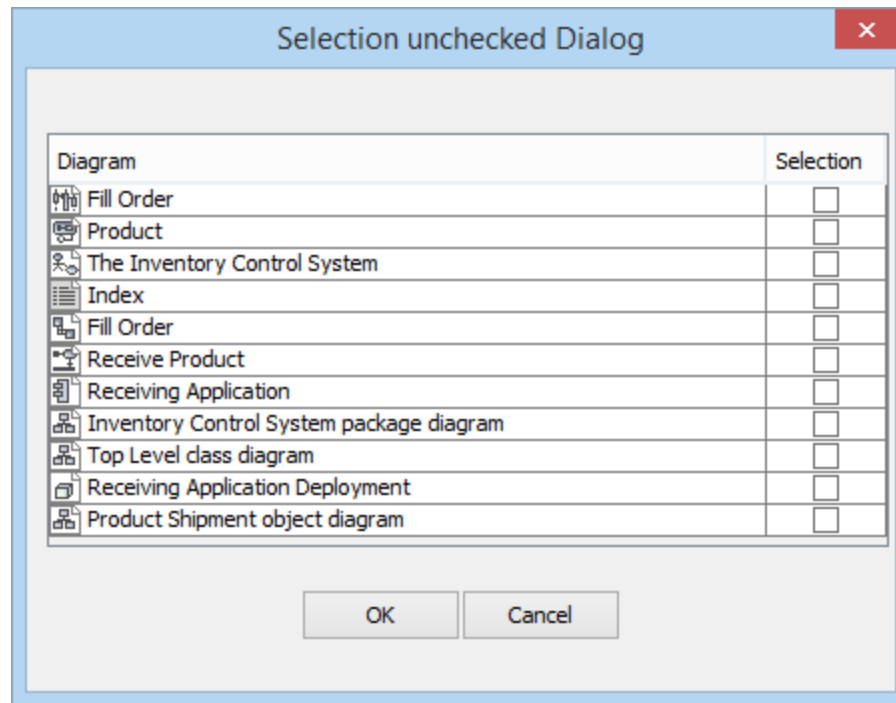e for defaultSelected is true. Otherwise, all listed items will not be selected. You can select the items and click [OK] to return a collection of the selected items or null if you click [Cancel].

The code example is shown below:

```
#foreach ($diagram in $dialog.select($Diagram, "Selection unchecked Dialog", false))
$diagram.name
#end
```
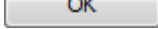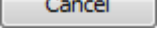
The output will be as follows:

The Selection dialog without selection.

Selection dialog with description text

select(Collection list, String title, Boolean defaultSelected, String dialogText) : Collection. This method will create a **Selection** dialog from the collection. You can insert description text in the dialog to show the dialog behavior or more details of the listed items. The default value for the dialogText

String is null. You can select the items and click [OK] to return a collection of the selected items or null if you click [Cancel].

The code example is shown below:

```
#foreach ($diagram in $dialog.select($Diagram,"Select all feature", false, "Please select your required
element"))
$diagram.name
#end
```

The output will be as follows:

The Selection dialog with text.

Selection dialog with an option for hiding element icons

select(Collection list, String title, Boolean defaultSelected, String dialogText, Boolean showElementIcon). This method will create a **Selection** dialog from the collection. You can insert description text in the dialog to show the dialog behavior or more details of the listed items. The default value for
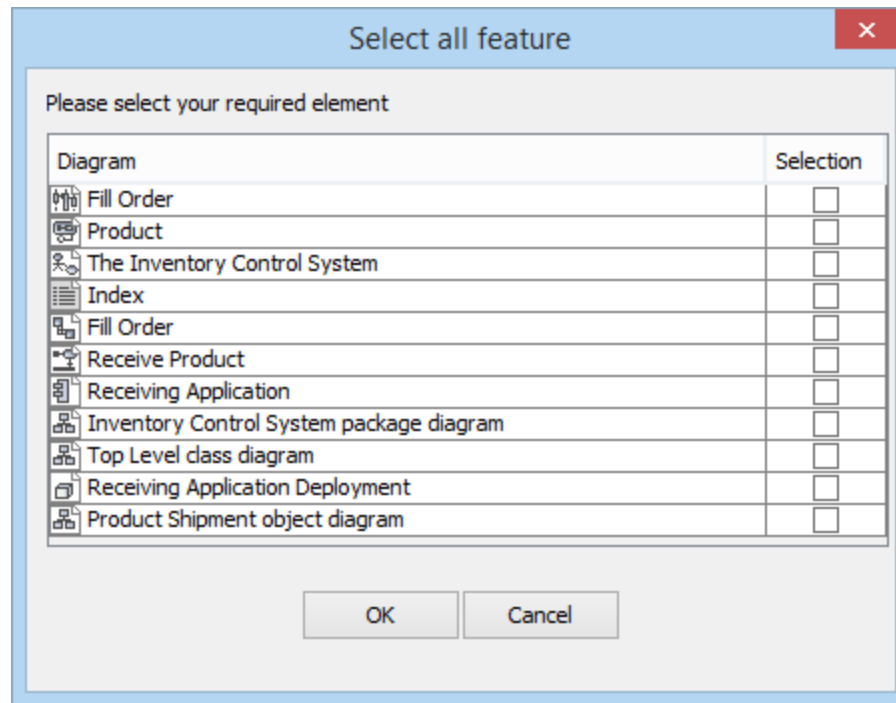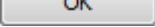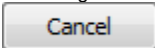
the dialogText String is null. You can select the items and click [OK] to return a collection of the selected items or null if you click

[Cancel]. With this method, you can also hide element icons in the dialog.