



# Widgets II

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# Topics

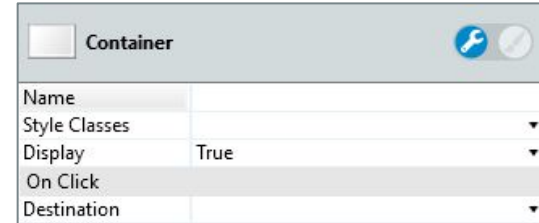
- Container Widget
- If Widget
- Radio Button Widget
- Check Box Widget
- Combo Box Widget

# Container Widget

Groups and applies a style to widgets

- Height is based on the contents
- Positioned on the first free space on the Screen where it “fits”

Helps organizing the layout of the Screen



The screenshot shows the configuration panel for the 'Container' widget. It has a title bar with a small icon and the text 'Container', followed by a blue wrench icon and a grey toggle switch. Below the title bar is a table with the following properties:

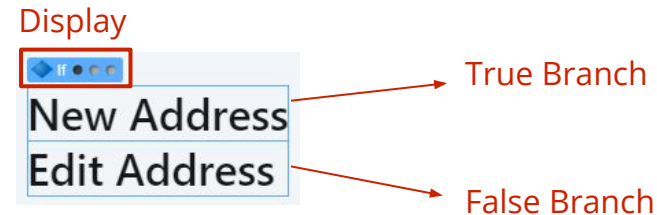
Name	
Style Classes	
Display	True
On Click	
Destination	

# ◆ If Widget

Displays content based on a **boolean condition** (true or false)

Two branches with Screen contents (or empty): True and False

- Boolean condition determines which branch is displayed
- In Service Studio, both branches or just one can be displayed

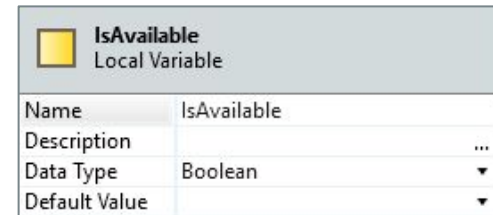
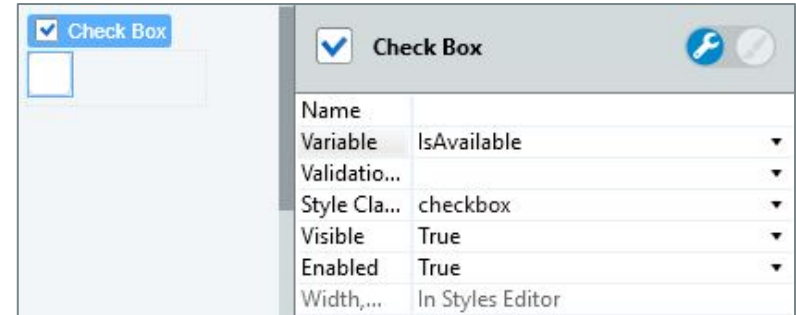


# Check Box Widget

Field that can be checked or unchecked

- Yes / No input

Bound to a boolean *Variable* to hold the True / False value



# Radio Button Widget

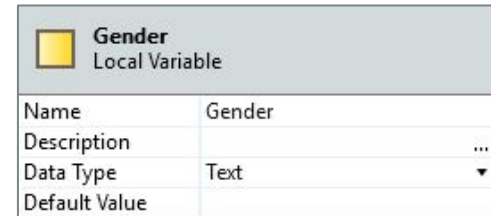
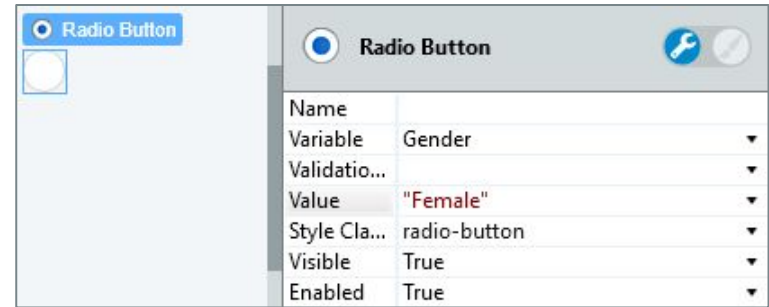
Allows selecting one out of several alternatives

One Radio Button per alternative

- Multiple Radio Buttons work together to provide several options (group)
- Radio Buttons bound to the same variable define a group

Bound to a *Variable*

- The value of the selected Radio Button in the group is assigned





# Combo Box Widget

Allows selecting one out of many alternatives in a drop-down list

The list of values can come from:

- An Entity or Static Entity
- A Source Record List
- A *Special List*

The screenshot displays the OutSystems Studio interface. On the left, a 'Combo Box' widget is shown with the value 'High' selected. On the right, the configuration panel for the 'Combo Box' is visible, containing various properties and their values.

Combo Box	
Name	
Variable	SelectedPriority
Validation Parent	
Mandatory	False
Source Record List	
Source Entity	Priority
Source Attribute	
Source Identifier Attribute	
Special Variable	
Style Classes	select
Visible	True
Enabled	True
Width, Margin...	In Styles Editor
Special List	
Value 1	
Option 1	
On Change	
Destination	



# Combo Box: Entity or Static Entity

A *Variable* holds the **identifier** of the selected option

List of options defined by the *Source Entity* property

Value displayed in the Combo Box is defined by:

- Label property of the Entity or
- *Source Attribute* property

SelectedPriority Local Variable	
Name	SelectedPriority
Description	...
Data Type	Priority Identifier
Default Value	

Priority	
Records	
High	
Medium	
Low	

Combo Box

High

Combo Box	
Name	SelectedPriority
Variable	SelectedPriority
Validation Parent	
Mandatory	False
Source Record List	
Source Entity	Priority
Source Attribute	
Source Identifier Attribute	
Special Variable	
Style Classes	select
Visible	True
Enabled	True
Width, Margin...	In Styles Editor
Special List	
Value 1	
Option 1	
On Change	
Destination	





# Combo Box: Source Record List

A *Variable* holds the **identifier** of the selected option

List of options defined by the *Source Record List* property

Value displayed in the Combo Box is defined by the *Source Attribute* property

- Computed attributes require a *Source Identifier Attribute*

**SelectedCompany**  
Local Variable

Name	SelectedCompany
Description	
Data Type	Company Identifier
Default Value	

**Combo Box**

Name	
Variable	SelectedCompany
Validation Parent	
Mandatory	False
Source Record List	GetCompanies.List
Source Entity	
Source Attribute	CompanyAndContact
Source Identifier Attribute	Company.Id
Special Variable	
Style Classes	select
Visible	True
Enabled	True
Width, Margin...	In Styles Editor
Special List	
Value 1	
Option 1	
On Change	
Destination	

**GetCompanies**

Company	Company	Name + " (" + Contact ...
Name	Contact	CompanyAndContact



# Combo Box: Special List

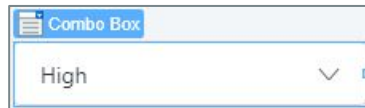
A *Special Variable* holds the *Value* of the chosen *Option*

- Values are defined at design time

List of options defined by the *Special List*

Values displayed in the Combo Box are the *Options* in the Special List

- Options are defined at design time



SpecialPriority Local Variable	
Name	SpecialPriority
Description	
Data Type	Integer
Default Value	

Combo Box	
Name	
Variable	
Validation Parent	
Mandatory	False
Source Record List	
Source Entity	
Source Attribute	
Source Identifier Attribute	
Special Variable	SpecialPriority
Style Classes	select
Visible	True
Enabled	True
Width, Margin...	In Styles Editor
Special List	
Value 1	1
Option 1	High
Value 2	2
Option 2	Medium
Value 3	3
Option 3	Low



# Combo Box: Combining Sources

An Entity or Record List can be combined with the Special List

When a Special List option is selected

- Variable is set to *NullIdentifier()*

When an Entity or Record List option is selected

- Special Variable is set to "", 0 or False



Combo Box	
Name	
Variable	SelectedPriority
Validation Parent	
Mandatory	False
Source Record List	
Source Entity	Priority
Source Attribute	
Source Identifier Attribute	
Special Variable	SpecialPriority
Style Classes	select
Visible	True
Enabled	True
Width, Margin...	In Styles Editor
Special List	
Value 1	-1
Option 1	All
Value 2	-2
Option 2	None

# Summary

- Container Widget
- If Widget
- Radio Button Widget
- Check Box Widget
- Combo Box Widget

A low-angle, long-exposure photograph of a city skyline at night. The image features several tall skyscrapers with illuminated windows. In the foreground, there are bright, horizontal light trails from traffic, suggesting a busy street. The overall atmosphere is dynamic and urban.

**Widgets II**  
**Thank You!**