



Widgets II



Topics

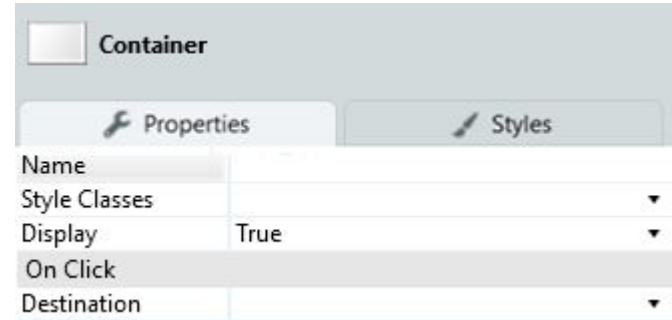
- Container Widget
- If Widget
- Radio Button Widget
- Check Box Widget
- Combo Box Widget

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

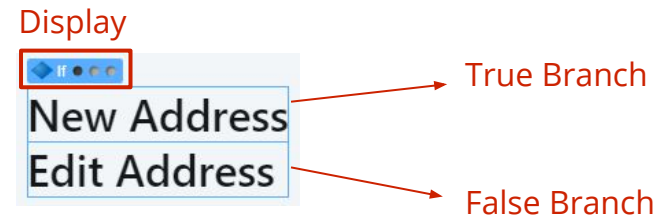


If Widget

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

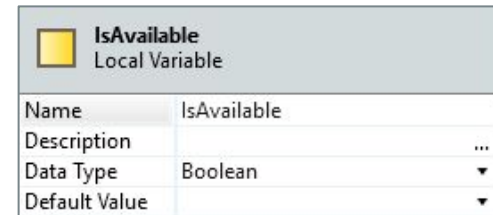
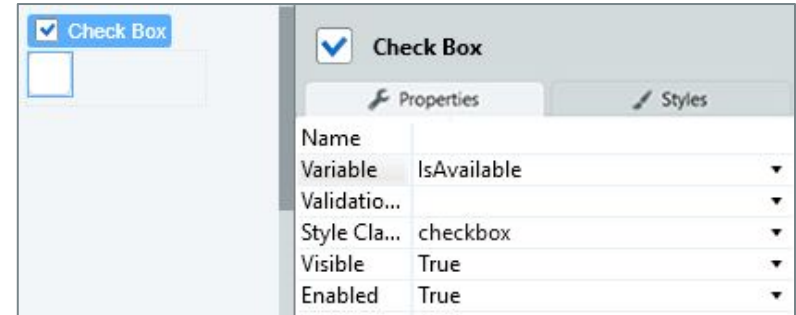


Check Box Widget

Field that can be checked or unchecked

- Yes / No input

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



Radio Button Widget

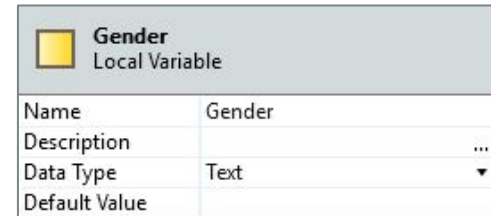
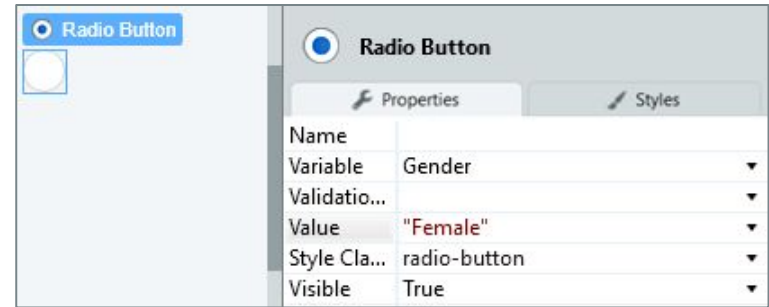
Allows selecting one out of several alternatives

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 text 'High' and a dropdown arrow. On the right, the 'Properties' panel is open, showing various configuration options for the 'Combo Box' widget. The 'Special List' option is highlighted in the 'Source Record List' section.

Combo Box	
Properties	
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	



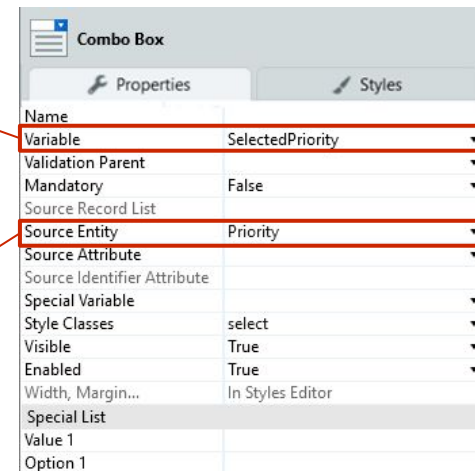
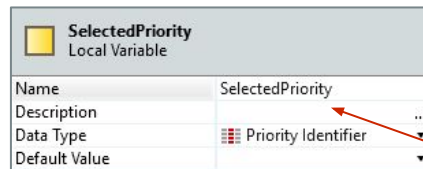
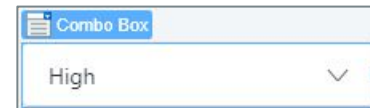
Combo Box: Entity or Static Entity

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





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*

The screenshot illustrates the configuration of a Combo Box in the OutSystems IDE. It shows the following components:

- SelectedCompany Local Variable:** A table with properties: Name (SelectedCompany), Description, Data Type (Company Identifier), and Default Value.
- Combo Box Visual:** A visual representation of the Combo Box component.
- GetCompanies Data Source:** A table with columns: Name, Contact, and a computed attribute 'CompanyAndContact' (Name + " (" + Contact ...).
- Properties Panel:** A table of properties for the Combo Box, with several properties highlighted by red boxes and arrows pointing to their respective configurations in the other panels:
 - Variable:** SelectedPriority (points to the SelectedCompany variable)
 - Validation Parent:** (empty)
 - Mandatory:** False
 - Source Record List:** (empty)
 - Source Entity:** Priority (points to the Priority column in the GetCompanies table)
 - Source Attribute:** (empty)
 - Source Identifier Attribute:** (empty)
 - Special Variable:** (empty)
 - Style Classes:** select
 - Visible:** True
 - Enabled:** True
 - Width, Margin...** In Styles Editor
 - Special List:** (empty)
 - Value 1:** (empty)
 - Option 1:** (empty)



Combo Box: Special List

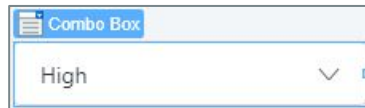
A *Special Variable* holds the *Value* of the chosen *Option*

- 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	
Properties	
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

Combo Box: Combining Sources

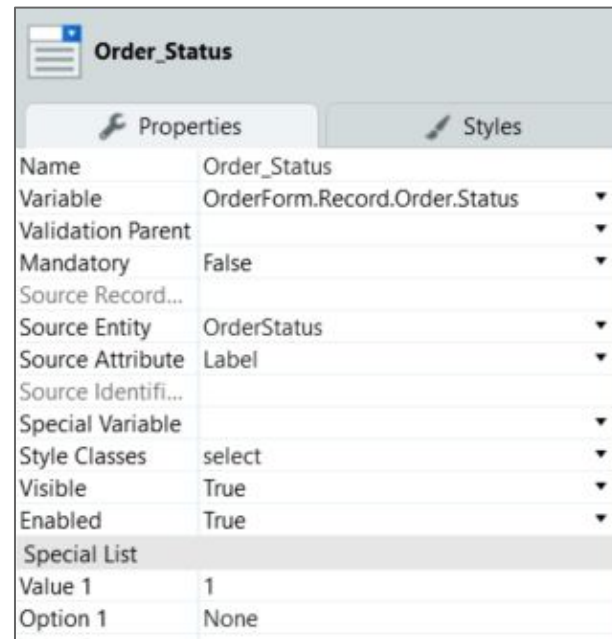
An Entity or Record List can be combined with the Special List

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



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 sky is dark, and the overall scene conveys a sense of urban energy and modern technology.

Widgets II
Thank You!