



# How to use Control Range Slider Feed Input and Icon on UI5 page

Project name: Range Slider\_Feed Input\_Icon

Package version: 1.0.12

THE BEST RUN



Version of document	Date	Description
1	November 30, 2021	Document created

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## INTRODUCTION

This document describes the SAP Build Process Automation sample **Calendar** and provides the following information:

- Description (functional and technical)
- Version used to generate this sample

It also contains information on prerequisites, such as the steps to follow before launching the agent.

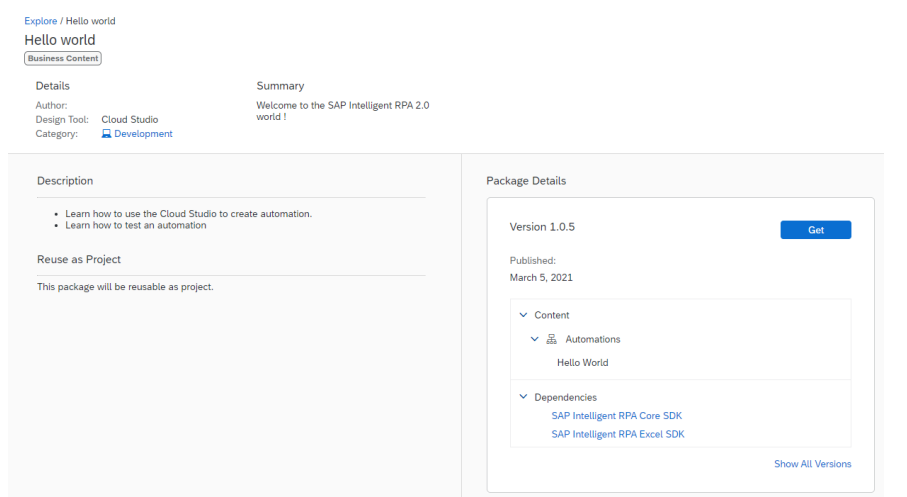
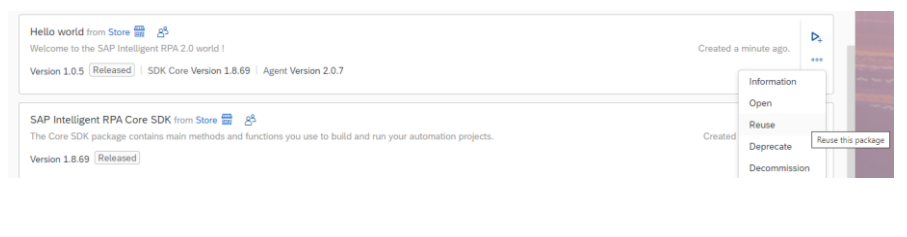
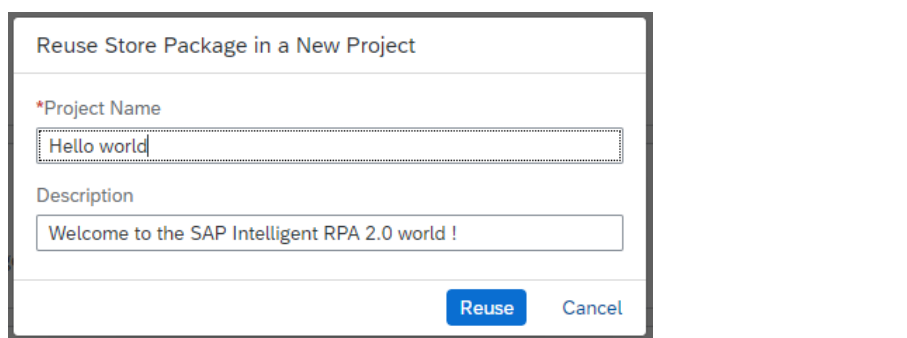
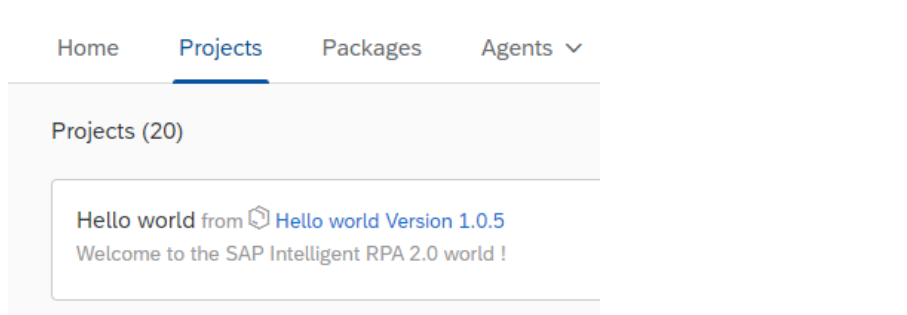
# IMPORTANT RECOMMENDATION

## General

To use this sample, you need to have a basic knowledge and understanding of SAP Build Process Automation tool. At the very least you need to know how to build an automation, add and modify activities and generate a package.

### Reuse the sample as a new project

*Note: screenshot might display a different name than the one of this sample.*

<p>From the Cloud Factory, open the Store tab and select the sample you want to retrieve.</p> <p>Click on the <b>Get</b> button.</p>	 <p>The screenshot shows the 'Hello world' package page in the SAP Cloud Factory Store. It includes a 'Details' section with author, design tool, and category information. A 'Description' section lists learning objectives. A 'Reuse as Project' section indicates the package is reusable. The 'Package Details' section shows version 1.0.5, published on March 5, 2021, with a 'Get' button. A content tree shows 'Automations' containing 'Hello World' and 'Dependencies' including 'SAP Intelligent RPA Core SDK' and 'SAP Intelligent RPA Excel SDK'.</p>
<p>Once the package is retrieved, open the Packages tab of the Cloud Factory.</p> <p>Click on the Options button of the package you just retrieved and select the option <b>Reuse</b>.</p>	 <p>The screenshot shows the 'Packages' tab in SAP Cloud Factory. It displays two packages: 'Hello world from Store' (Version 1.0.5) and 'SAP Intelligent RPA Core SDK from Store' (Version 1.8.69). A context menu is open over the 'Hello world' package, showing options: Information, Open, Reuse, Deprecate, and Decommission. The 'Reuse' option is highlighted.</p>
<p>Set a name for the project to be created.</p>	 <p>The screenshot shows a dialog box titled 'Reuse Store Package in a New Project'. It has two input fields: '*Project Name' with the value 'Hello world' and 'Description' with the value 'Welcome to the SAP Intelligent RPA 2.0 world !'. At the bottom, there are 'Reuse' and 'Cancel' buttons.</p>
<p>Open the project that has just been created.</p>	 <p>The screenshot shows the 'Projects' tab in SAP Cloud Factory. It displays a list of projects with 20 items. The first project is 'Hello world from Hello world Version 1.0.5' with the description 'Welcome to the SAP Intelligent RPA 2.0 world !'.</p>
<p>If needed, update the content of this project, and generate a new package from it.</p>	

You need to execute this procedure to be able to open the project and see all its content (the captured applications, the declared items, the automations, etc.).

## DESCRIPTION

This package contains captures, datatype and automations that are described below. See chapter [Version](#) for more details about the version of the Desktop Agent and the SDK dependencies.

### Settings

This section describes the settings of the project such as environment variables or dependent packages that are used in the automation.

#### **Environment variables**

N/A

#### **Dependent packages**

N/A

### Captures

This section describes the captures which were made to pilot the application in this sample. It will also describe the different methods which were used to capture the pages and declare the items.

#### **Samples-UI5**

**Type:** WEB

**Framework:** SAPUI5

Screen	Description
Samples – Range Slider	The item RangeSlider belongs to Element Class: SAPUI5 Slider, and it uses class as criterions. The item is recognized as a collection.
Samples – Feed Input	<ul style="list-style-type: none"><li>• The item FeedInput belongs to Element Class: SAPUI5 Feed Input, and it uses class and role as criterions.</li><li>• The item Submit is recognized by class and title. It belongs to Element Class: SAPUI5 Button. The</li><li>• item TableRow belongs to Element Class: SAPUI5 Table Row, and it uses class and text as criterions.</li></ul>
Samples – Icon	The item Icon belongs to Element Class: SAPUI5 Icon, and it uses class as criterions. The item is recognized as a collection.

### Datatypes

This section describes the datatype used in this sample. It describes the structure of the datatype and where it is used in the automations.

N/A

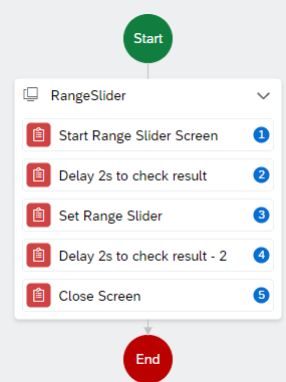
### Automations

#### **Range Slider**

**Type:** Attended / Unattended

**Input:** None

**Output:** None

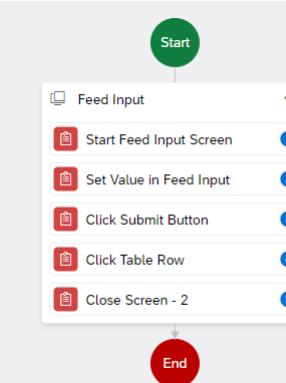
 <p>The flowchart for 'RangeSlider' starts with a green 'Start' circle, followed by a dropdown menu labeled 'RangeSlider'. Below it are five steps: 1. Start Range Slider Screen, 2. Delay 2s to check result, 3. Set Range Slider, 4. Delay 2s to check result - 2, and 5. Close Screen. The flow ends at a red 'End' circle.</p>	<p>First the agent starts the web page: <a href="https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.RangeSlider/sample/sap.m.sample.RangeSlider">https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.RangeSlider/sample/sap.m.sample.RangeSlider</a> in Edge browser. Then it sets the range values into the range slider. In the end, the agent closes the web page after 2s.</p>
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**Feed Input**

**Type:** Attended / Unattended

**Input:** None

**Output:** None

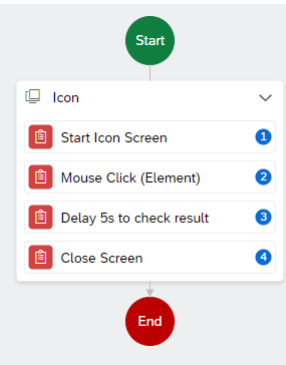
 <p>The flowchart for 'Feed Input' starts with a green 'Start' circle, followed by a dropdown menu labeled 'Feed Input'. Below it are five steps: 1. Start Feed Input Screen, 2. Set Value in Feed Input, 3. Click Submit Button, 4. Click Table Row, and 5. Close Screen - 2. The flow ends at a red 'End' circle.</p>	<p>First the agent starts the web page: <a href="https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.FeedInput/sample/sap.m.sample.FeedInput">https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.FeedInput/sample/sap.m.sample.FeedInput</a> in Edge browser. Then it sets the values into the Feed Input element and click the submit button and the table row. In the end, the agent closes the web page.</p>
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**Icon**

**Type:** Attended / Unattended

**Input:** None

**Output:** None

 <p>The flowchart for 'Icon' starts with a green 'Start' circle, followed by a dropdown menu labeled 'Icon'. Below it are four steps: 1. Start Icon Screen, 2. Mouse Click (Element), 3. Delay 5s to check result, and 4. Close Screen. The flow ends at a red 'End' circle.</p>	<p>First the agent starts the web page: <a href="https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.IconTabBar/sample/sap.m.sample.IconTabBarMulti">https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.IconTabBar/sample/sap.m.sample.IconTabBarMulti</a> in Edge browser. Then it clicks on the Icon. In the end, the agent closes the web page after 5s.</p>
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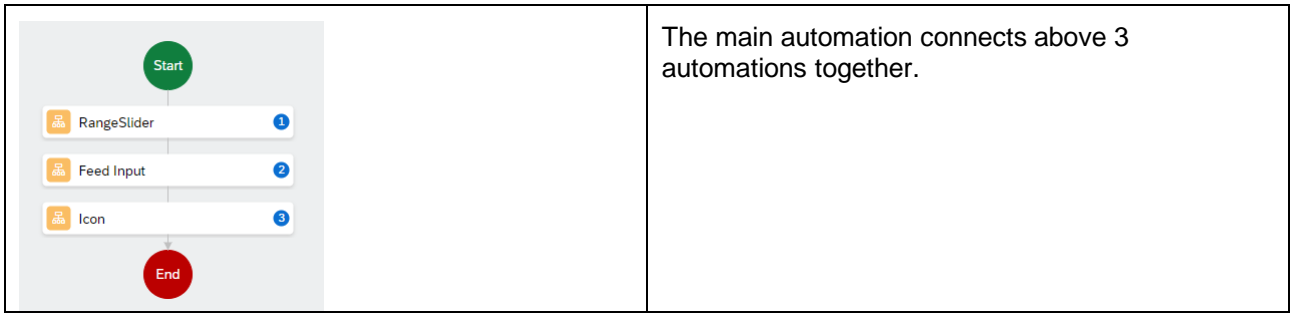
**Main Automation**

**Type:** Attended / Unattended

**Input:** None

**Output:** None





The main automation connects above 3 automations together.

## VERSION

The product versions used to generate this sample are detailed below. This sample is provided “as is”, with no warranty that it will work correctly with other versions. If some versions of your software are different (such as the tool version or the target application version), you may need to recapture the application and/or update the workflow activities.

### SAP Build Process Automation

This sample targets the Desktop Agent **2.0.1018** or higher.

The following SDK dependencies were used to generate this sample:

irpa_core	1.18.85
irpa_excel	1.18.85
irpa_outlook	N/A
irpa_pdf	N/A
irpa_ui5	1.18.85
irpa_word	N/A

See [documentation](#) for more details about the compatibility between SDK version and Desktop Agent.

### Target application

Application	Version
SAPUI5 SDK Demo Kit – Range Slider ( <a href="https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.RangeSlider/sample/sap.m.sample.RangeSlider">https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.RangeSlider/sample/sap.m.sample.RangeSlider</a> )	N/A Date of last test: 2021/11/30
SAPUI5 SDK Demo Kit – Feed Input ( <a href="https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.FeedInput/sample/sap.m.sample.Feed">https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.FeedInput/sample/sap.m.sample.Feed</a> )	N/A Date of last test: 2021/11/30
SAPUI5 SDK Demo Kit – Icon ( <a href="https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.IconTabBar/sample/sap.m.sample.IconTabBarMulti">https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.IconTabBar/sample/sap.m.sample.IconTabBarMulti</a> )	N/A Date of last test: 2021/11/30

## PREREQUISITES

### **Global setup**

SAP Build Process Automation must be installed in accordance with the installation guide available [here](#). An SAP Build Process Automation Factory must be available with a suitable environment (containing an agent). All information can be found in the “Getting Started” section accessible via the above link.

### **Specific steps to follow before launching the agent**

N/A

## EXPECTED OUTPUT

During bot running, it first open web page and sets range values into the range slider. User will see the screen as below before the web page is closed.

Documentation API Reference Samples Demo Apps Tools Version 1.86.0

Filter Sample: RangeSlider API reference Download

RangeSlider 1

Rating Indicator 1

Rich Text Editor 1

Search Field 4

Segmented Button 4

Select 5

Single Planning Calendar 6

Slider 1

Smart Field 11

Smart Multi Input 3

Step Input 2

Switch 1

RangeSlider with text fields

0 100

-50 50

0 100

-1000 1000

Then the bot will open the second web page and sets the values into the Feed Input element, then clicks the submit button and the table row. User can see the screen as below before the web page is closed.

Documentation API Reference Samples Demo Apps Tools Version 1.86.0

Filter Sample: Feed API reference Download

Feed Input 2

Formatted Text 1

Global Busy Indicator 1

Group Feed Component 3

HTML 3

Hyphenation API 1

Icon 1

Image 2

Image Editor 3

Integration Card 3

InvisibleMessage 1

InvisibleText 1

Post something here

Alexandrina Victoria: Test  
Reply · Dec 1, 2021, 3:39:08 PM

Alexandrina Victoria: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, ... MORE  
Request · March 03 2013

George Washington: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, ... MORE  
Reply · March 04 2013

Alexandrina Victoria: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, ... MORE  
Request · March 05 2013

In the end, the bot will open the third web page and click on the Icon. User can see the screen as below before the web page is closed.

Documentation API Reference Samples Demo Apps Tools Version 1.86.0

Filter Sample: Icon Tab Bar - Icons Only API reference Download

Icon Tab Bar	15
Map container	3
Message Strip	3
Message View	5
Nav Container	1
Object Page Block Base	4
Object Page Section	1
Object Page SubSection	5
Overflow Toolbar	7
Page	5
Panel	2
Quick View Card	2

Notes go here ...