



How to use Toggle Button Control on UI5 page

Project name: Toggle Button

Package version: 1.0.11

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.

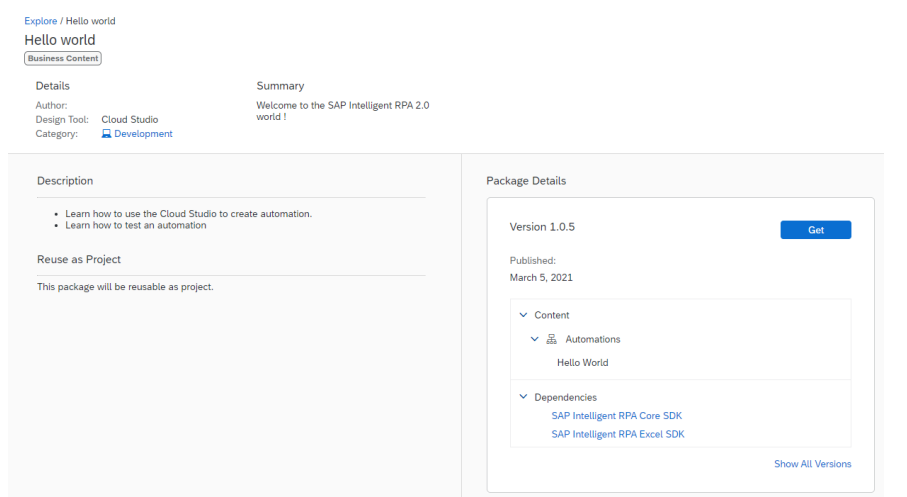
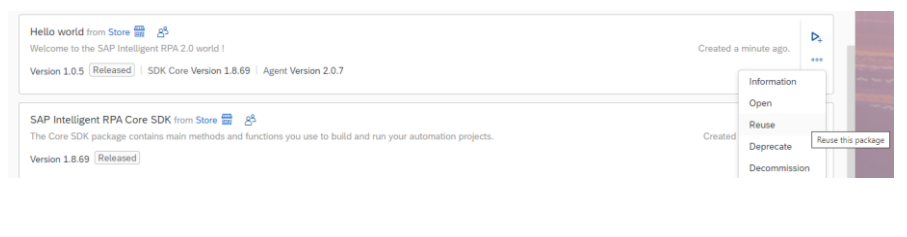
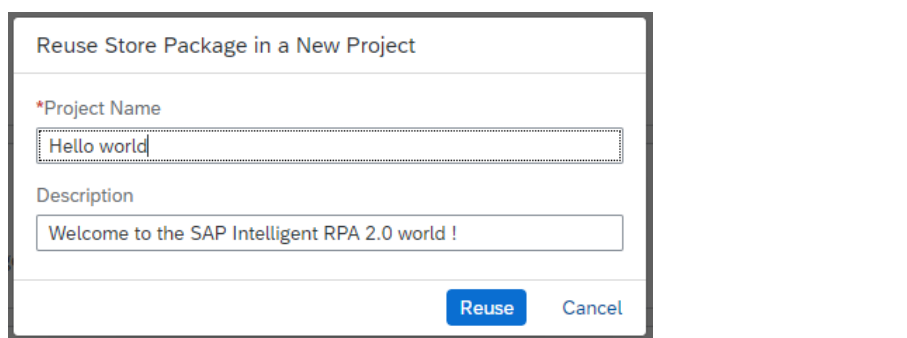
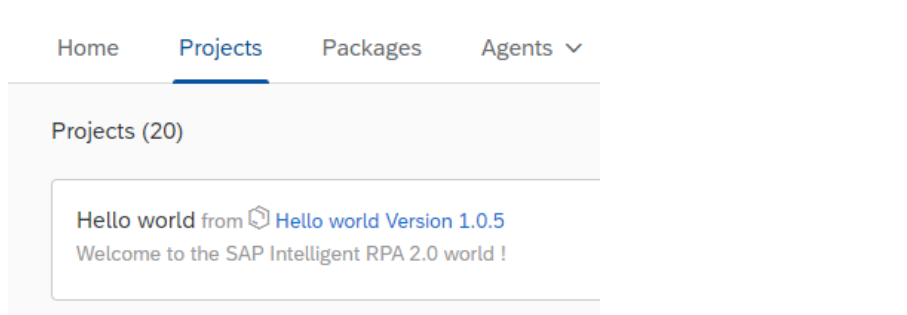
IMPORTANT RECOMMENDATION

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 Get 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 Reuse.</p>	 <p>The screenshot shows the 'Hello world from Store' package in the Packages tab. A context menu is open over the 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 a text input for 'Project Name' containing 'Hello world' and another for 'Description' containing 'Welcome to the SAP Intelligent RPA 2.0 world !'. There are 'Reuse' and 'Cancel' buttons at the bottom.</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 one entry: '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-Toggle Button

Type: WEB

Framework: SAPUI5

Screen	Description
Samples - Toggle Button	The item Pressed belongs to Element Class: SAPUI5 Toggle Button, and it uses class and text as criterions.

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

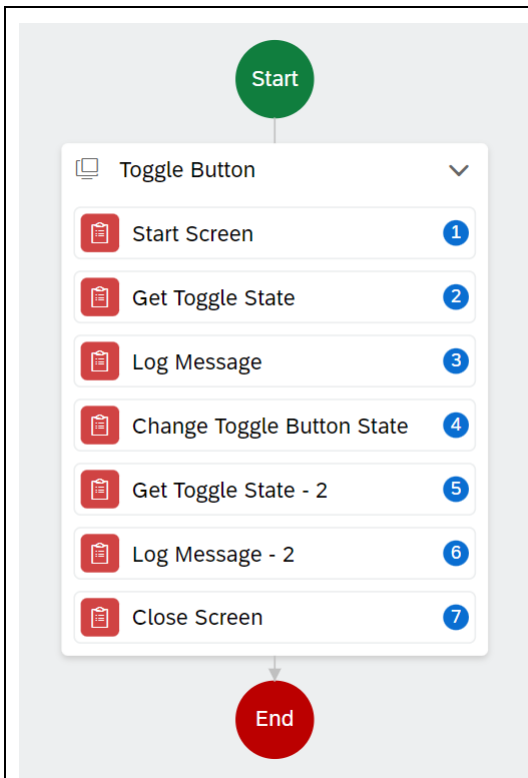
Automations

Toggle Button

Type: Attended / Unattended

Input: None

Output: None



First the agent starts the web page:
<https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.ToggleButton/sample/sap.m.sample.ToggleButton>

in Edge Browser. Then it retrieves the state of a toggle button and displays the information as a log message. After that, the agent changes the state of the toggle button, then get the toggle button state again.

In the end, the agent closes the web page.

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 (https://sapui5.hana.ondemand.com/1.86.0/#/entity/sap.m.ToggleButton/sample/sap.m.sample.ToggleButton)	N/A Date of last test: 2021/11/30

PREREQUISITES

Global setup

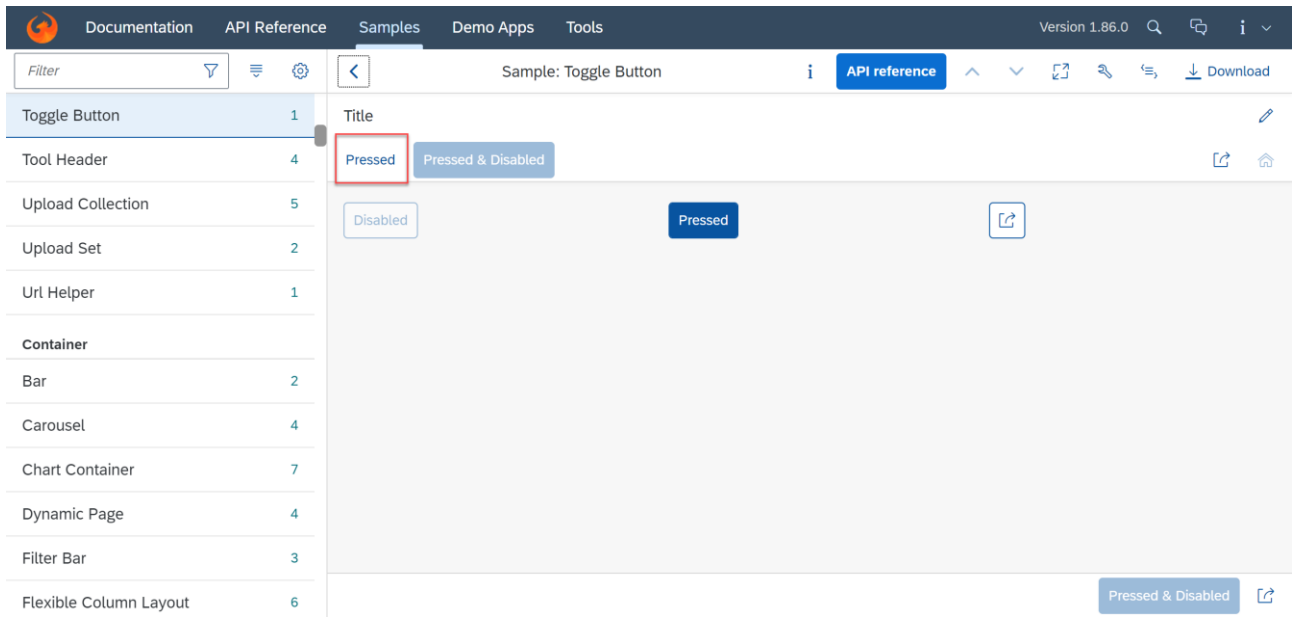
SAP Build Process Automation must be installed in accordance with the installation guide available [here](#). An SAP Build Process Automation Factory must be available with a suitable environment (containing an agent). All information can be found in the “Getting Started” section accessible via the above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

Specific steps to follow before launching the agent

N/A

EXPECTED OUTPUT

During bot running, it changes the highlighted button state to false . User will see the screen as below before the web page is closed.



After the bot completes the automation execution, it will close the web page. User can check the test console area to find the result.

