



How to use **Generic Tag Control** on **UI5** page

Project name: GenericTag

Package version: 1.0.1

Version of document	Date	Description
0	April 8, 2021	Document created

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INTRODUCTION

This document describes the SAP Build Process Automation sample **GenericTag** 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.

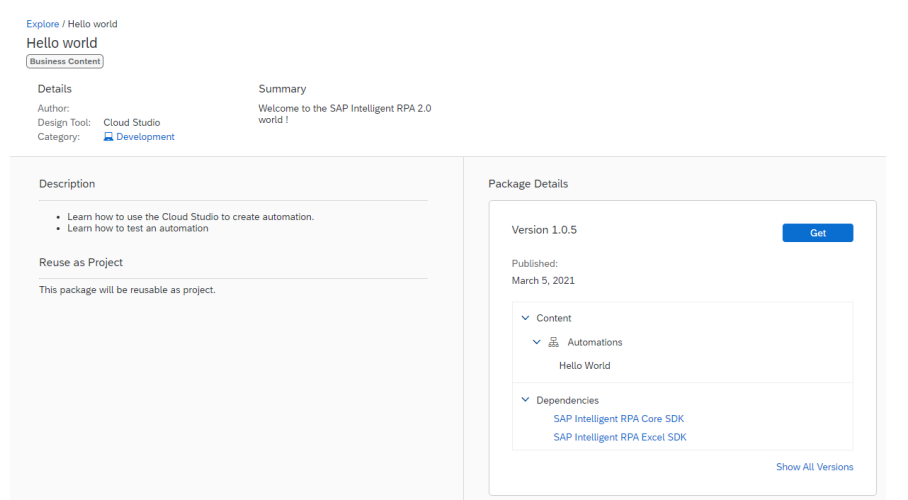
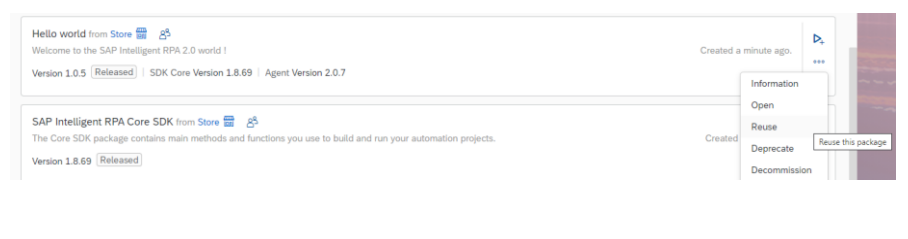
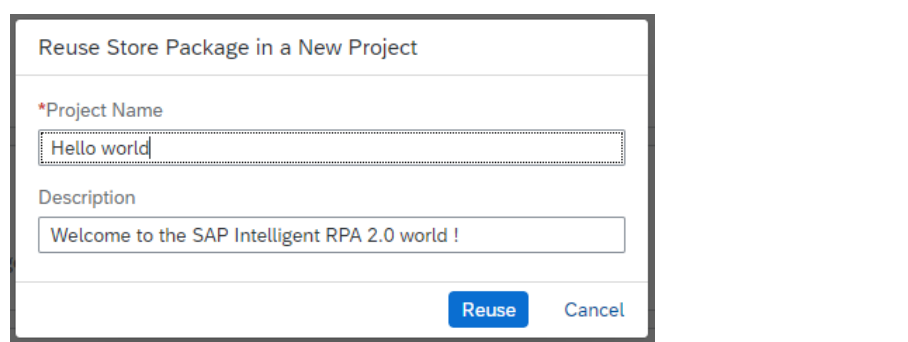
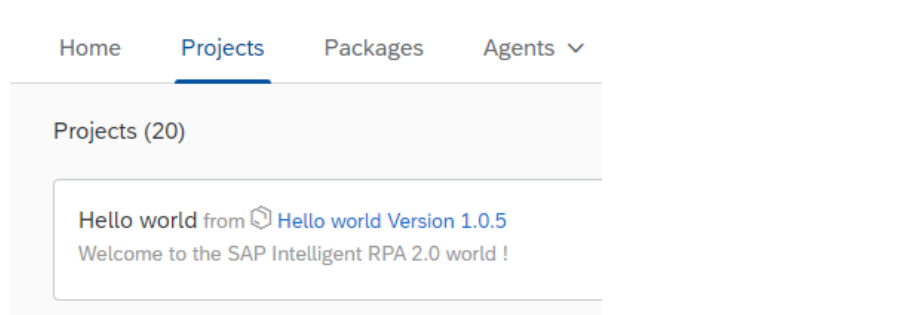
IMPORTANT RECOMMENDATION

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>Explore / Hello world Hello world (Business Content)</p> <p>Details Author: Cloud Studio Design Tool: Cloud Studio Category: Development</p> <p>Summary Welcome to the SAP Intelligent RPA 2.0 world !</p> <p>Description</p> <ul style="list-style-type: none"> Learn how to use the Cloud Studio to create automation. Learn how to test an automation <p>Reuse as Project This package will be reusable as project.</p> <p>Package Details</p> <p>Version 1.0.5 Get</p> <p>Published: March 5, 2021</p> <p>Content</p> <ul style="list-style-type: none"> Automations <ul style="list-style-type: none"> Hello World <p>Dependencies</p> <ul style="list-style-type: none"> SAP Intelligent RPA Core SDK SAP Intelligent RPA Excel SDK <p>Show All Versions</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>Hello world from Store</p> <p>Welcome to the SAP Intelligent RPA 2.0 world !</p> <p>Version 1.0.5 (Released) SDK Core Version 1.8.69 Agent Version 2.0.7</p> <p>SAP Intelligent RPA Core SDK from Store</p> <p>The Core SDK package contains main methods and functions you use to build and run your automation projects.</p> <p>Version 1.8.69 (Released)</p> <p>Created a minute ago.</p> <p>Information Open Reuse Deprecate Decommission</p> <p>Reuse this package</p>
<p>Set a name for the project to be created.</p>	 <p>Reuse Store Package in a New Project</p> <p>*Project Name Hello world</p> <p>Description Welcome to the SAP Intelligent RPA 2.0 world !</p> <p>Reuse Cancel</p>
<p>Open the project that has just been created.</p>	 <p>Home Projects Packages Agents</p> <p>Projects (20)</p> <p>Hello world from Hello world Version 1.0.5 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

Name	Description	Type
N/A	N/A	N/A

Dependent packages

Package	Version
N/A	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 - GenericTag

Type: WEB

Framework: SAPUI5

Screen	Description
FirstPage	The first screen which we can choose which button control we want to automate
InnerPage1	The inner screen we can have generic tag.

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

Alerts

This section describes the alerts used in this sample. It describes the structure of the alert.

N/A

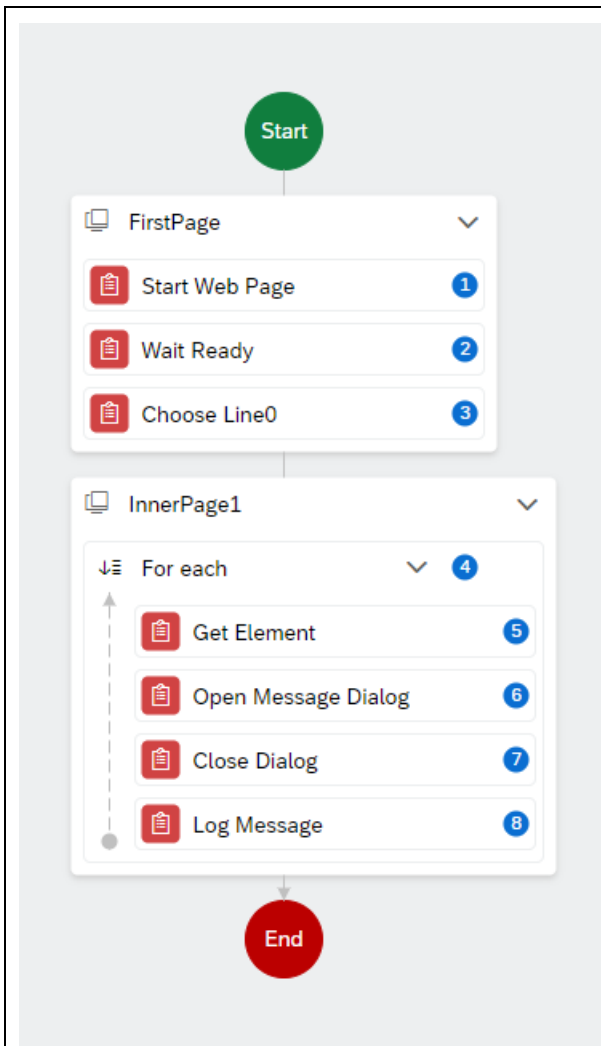
Automations

Generic Tag

Type: Attended / Unattended

Input: N/A

Output: N/A



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

Then choose the first line Generic Tag with different configurations. In the next page, wait for the page ready, get the showing element in the page and put the text in the popup dialog. You can click OK to make sure you read the dialog.

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 **2.0.10** or higher.

The following SDK dependencies were used to generate this sample:

irpa_core	1.9.66
irpa_excel	N/A
irpa_outlook	N/A
irpa_pdf	N/A
irpa_ui5	1.9.66
irpa_word	N/A
irpa_powerpoint	N/A

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

Target application

Application	Version
SAPUI5 SDK Demo Kit	N/A Date of last test: 2021/04/28

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

Will show up the dialog with the text showing in the page.

The screenshot displays a SAP Fiori application interface. On the left, there is a navigation menu with various components listed, such as 'Generic Tag', 'Info Label', 'Link', 'Menu (sap.m)', 'Menu (sap.ui.unified)', 'Menu Button', 'Navigation List', 'Overflow Toolbar Button', 'Overflow Toolbar Toggle Button', 'Pull To Refresh', 'Side Navigation', 'Toggle Button', 'Tool Header', 'Upload Collection', 'Upload Set', 'Uri Helper', 'Container', 'Bar', 'Carousel', 'Chart Container', 'Dynamic Page', 'Filter Bar', 'Flexible Column Layout', 'Grid Container', 'Header Container', and 'Icon Tab Bar'. The main content area shows a 'Generic Tag - KPI' with three data points: 'Project Cost 3.5M EUR', 'Project Cost 2.4M EUR', and 'Project Cost 1.6M EUR'. Below these, there are three progress indicators: 'PC 35 %', 'PC 71 %', and 'PC 96 %'. A dialog box is open in the center, titled 'Desktop Agent', with the message 'Project Cost 3.5M EUR Value State Error' and an 'Ok' button. The dialog box is highlighted with a red border. The top navigation bar includes 'Documentation', 'API Reference', 'Samples', 'Demo Apps', and 'Tools'. The top right corner shows 'Version 1.00.0' and a 'Download' button.

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