



How to use **Commands Control** on **UI5** page

Project name: **Commands**

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 **Commands** 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.

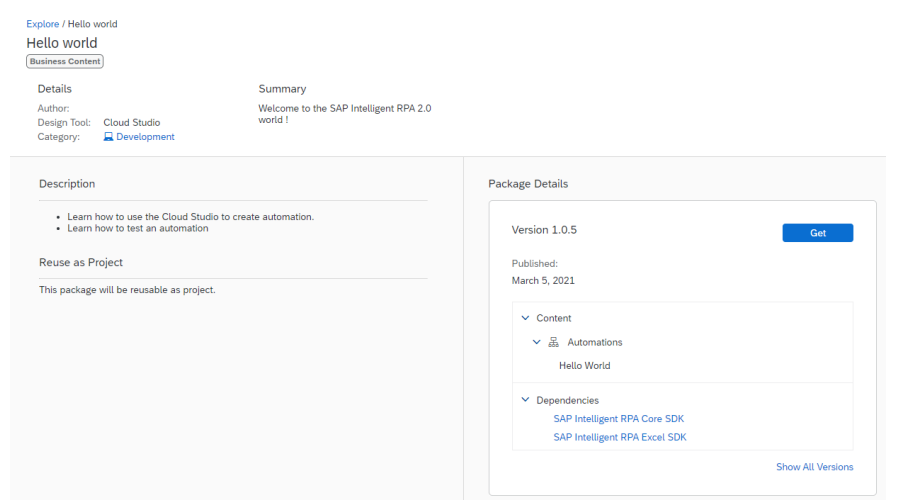
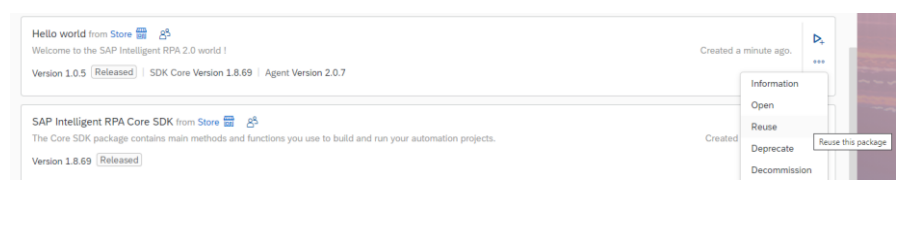
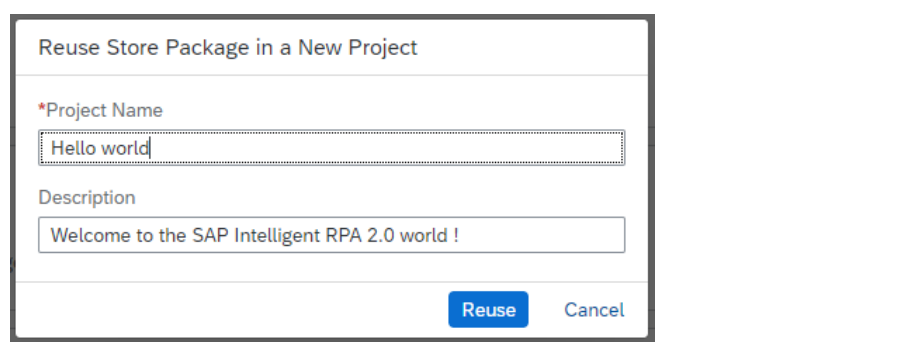
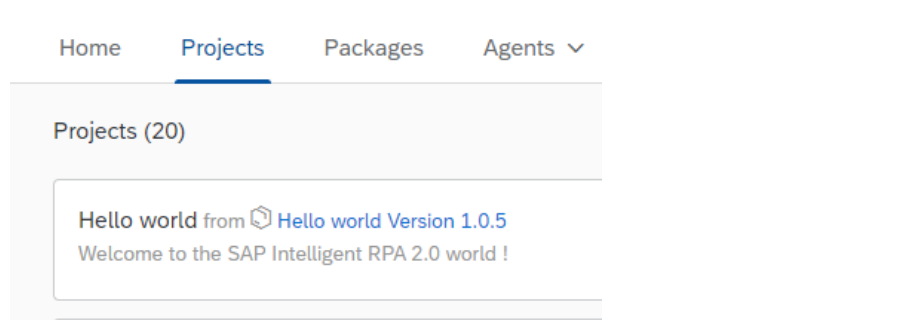
IMPORTANT RECOMMENDATION

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>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>Set a name for the project to be created.</p>	
<p>Open the project that has just been created.</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 - Commands

Type: WEB

Framework: SAPUI5

Screen	Description
CommandInnerPage	The Commands control page

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

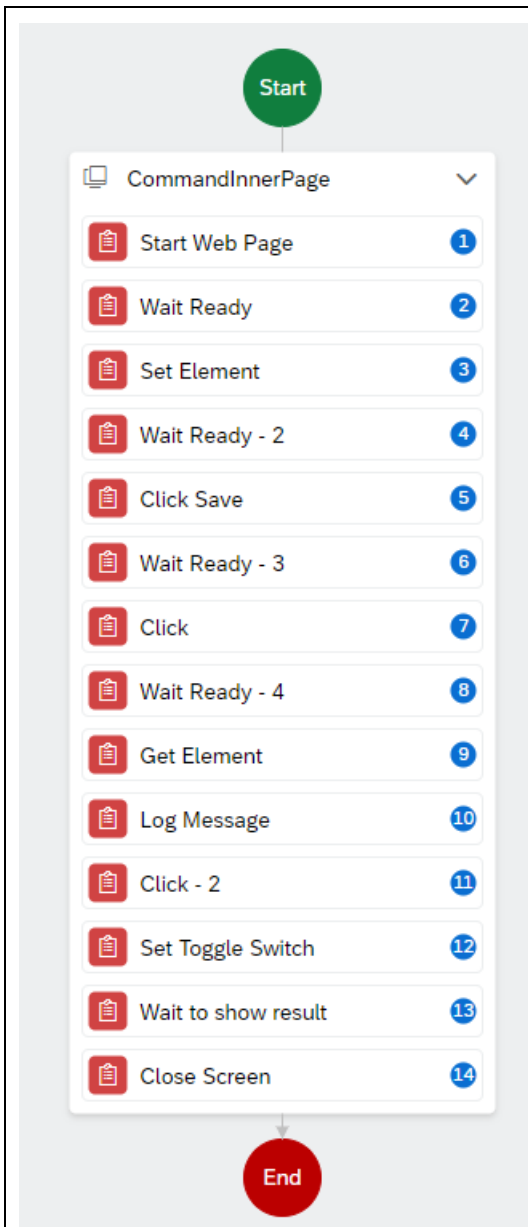
Automations

Commands

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.ui.core.sample.Commands/sample/sap.ui.core.sample.Commands> in Chrome.

Wait for the page ready for activities, Then it set 'Testing' text into Input field. And wait for page ready again, click save. After that try the click and get element activity in the page and log the message. Finally set the toggle switch to false and check the result.

After all the activities have been performed, close the screen.

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

During bot running, after each click, set element or get element action have been executed, there will be a log message displaying on the bottom of the page. And you can also check the web page to see the field value changing.

The screenshot displays the SAP UI5 Command Editor interface. On the left, a list of command categories and their counts is shown. The main area on the right displays the visual representation of the selected command, which is 'sap.m.Input'. The input field contains the text 'testing'. Other visible commands include 'sap.m.Combobox' (set to 'Algeria'), 'sap.m.Select' (set to 'Algeria'), and 'Popover - Com' (with buttons for 'Delete', 'Save', and 'Popu content'). The 'Container' section shows 'enabled' and 'visible' states with 'ON' buttons. The 'Header Container' section also shows 'enabled' state.

Category	Count	Command
Commands	1	Commands
Generic Tag	4	save
Info Label	3	sap.m.Input
Link	3	testing
Menu (sap.m)	1	sap.m.Combobox
Menu (sap.ui.unified)	2	Algeria
Menu Button	1	Algeria
Navigation List	1	sap.m.Select
Overflow Toolbar Button	1	Algeria
Overflow Toolbar Toggle Button	1	Algeria
Pull To Refresh	2	Popover - Com
Side Navigation	1	Open Popover
Toggle Button	1	testing
Tool Header	4	Popover - Com
Upload Collection	5	Delete Save Popu content
Upload Set	2	Open Popover
Url Helper	1	toggle enabled/visibility for CommandExecution in Page
Container	2	enabled
Bar	2	Save OFF Delete ON
Carousel	4	
Chart Container	7	visible
Dynamic Page	4	Save ON Delete ON
Filter Bar	3	
Flexible Column Layout	6	toggle enabled/visibility for CommandExecution in Popover
Grid Container	4	enabled
Header Container	5	Save

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