



# ARIBA SDK

Package version: 1.0.17

Version	Date	Description
1	August 4, 2021	Document created

# TABLE OF CONTENTS

INTRODUCTION .....	4
IMPORTANT RECOMMANDATION .....	5
General .....	5
Reuse the sample as a new project .....	5
DESCRIPTION .....	7
Settings .....	7
<i>Environment variables</i> .....	7
<i>Dependent packages</i> .....	7
Captures .....	7
<i>Seller Dashboard</i> .....	7
Datatypes .....	7
Automations.....	7
<i>Launch ARIBA</i> .....	7
<i>Get Orders</i> .....	8
VERSION .....	9
SAP Build Process Automation .....	9
Target application .....	9
PREREQUISITES.....	10
Global setup.....	10
Specific steps to follow before launching the agent .....	10
EXPECTED OUTPUT .....	11

## INTRODUCTION

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

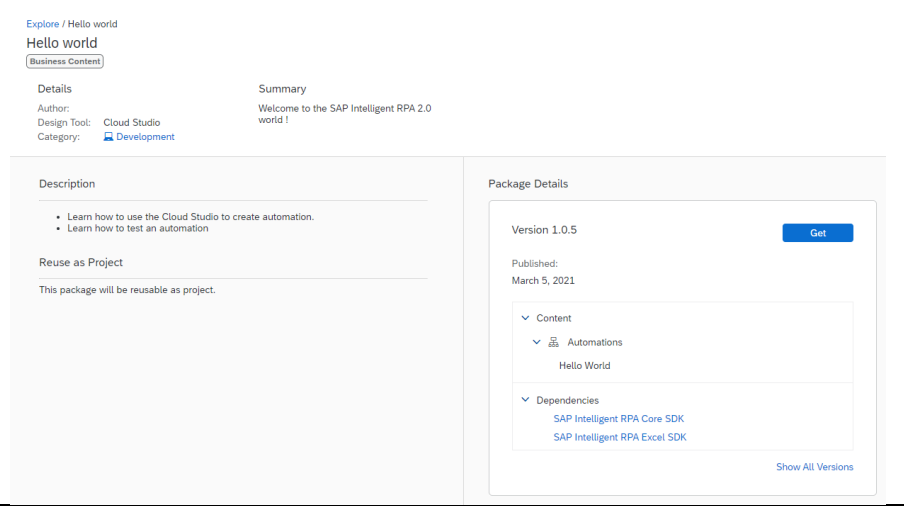
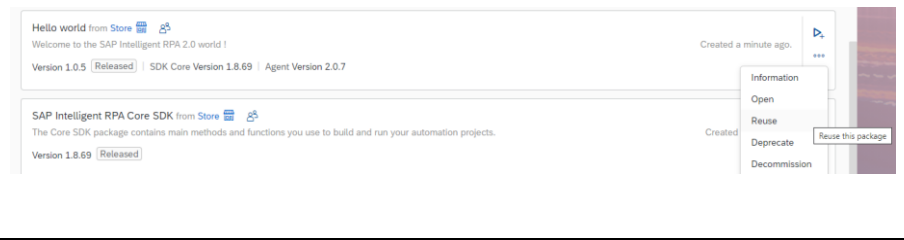
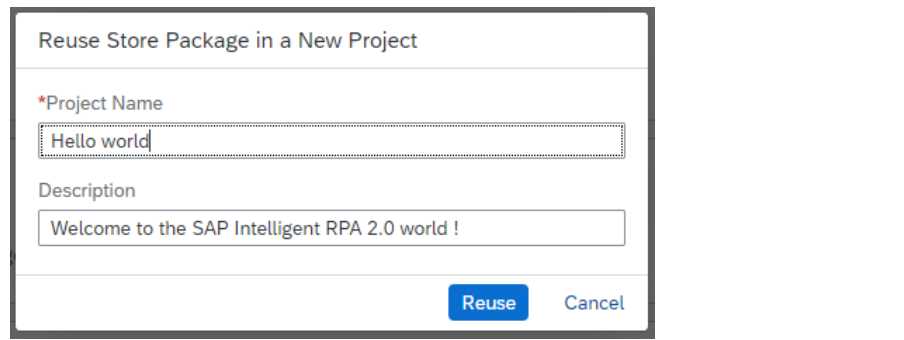
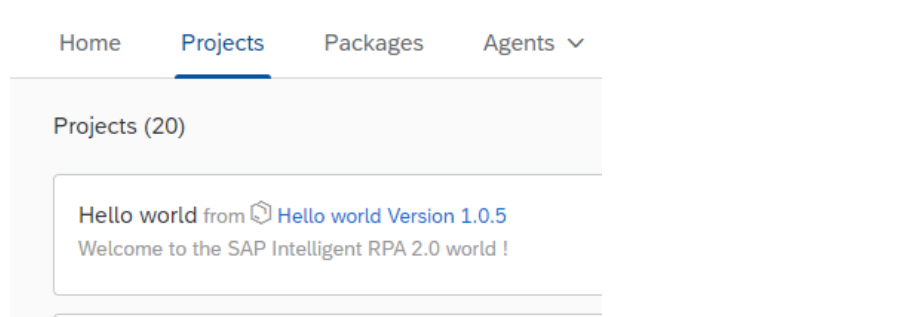
# IMPORTANT RECOMMENDATION

## 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>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>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 automations.

#### Environment variables

Screen	Type	Description
login	String	The login used to login to ARIBA application.
password	Password	The password used to login to ARIBA application.

#### 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.

#### Seller Dashboard

Type: WEB

Framework: ARIBA

Screen	Description
Home	This screen uses the framework ARIBA. The <i>Order Number</i> item uses the <b>Must Exist</b> option.
Login	This screen uses the framework ARIBA. The <i>UserName</i> item uses the <b>Must Exist</b> option.
Orders	This screen uses the framework ARIBA. The <i>Orders Container</i> item uses the <b>Must Exist</b> option.

**Note:** To correctly pilot ARIBA applications, every applications and screen must be declared using the framework ARIBA. Each element that is piloted (set, click, etc.) must be set as an **ARIBA Input** for inputs, or **ARIBA Element** for others.

### 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.

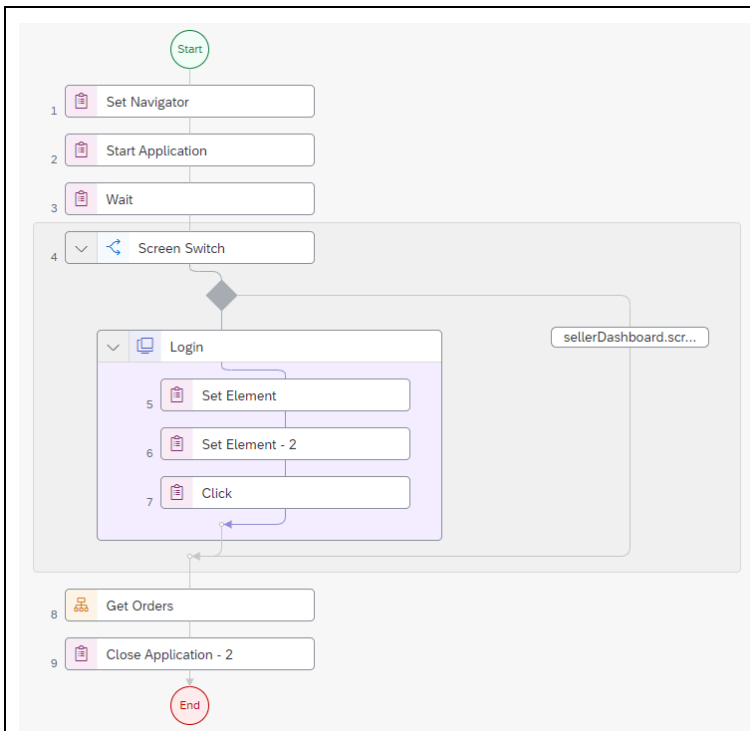
### Automations

**Note:** using the ARIBA SDK, everything is linked to the capture. All activities used to pilot the application are the same than the ones for the WEB connector. At the runtime, if the item is correctly declared, then the ARIBA SDK overrides the methods used by the WEB connector, so the end user (citizen developer) does not have to take care of it.

#### Launch ARIBA

**Input:** Order number (string)

**Output:** none



The agent opens the ARIBA application and login if necessary.

The **wait** is used to make sure that we reach the *Login* page, as the *Home* page might be identified before the redirection is effective.

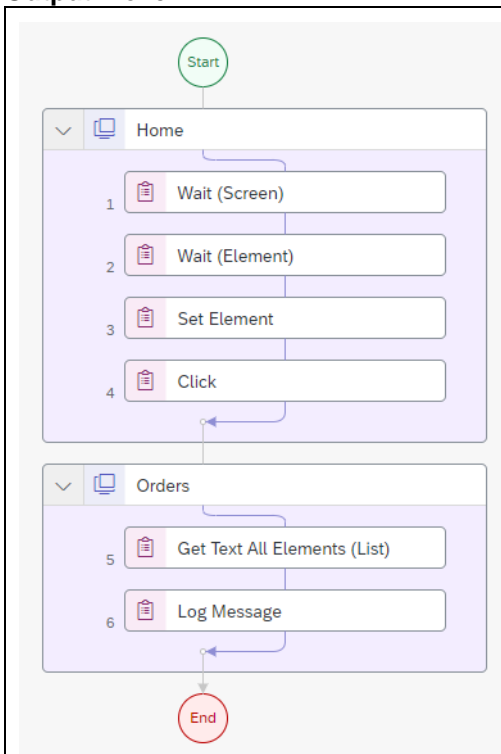
The username and password are stored as environment variable.

Once logon, the agent executes the **Get Orders** automation.

### Get Orders

**Input:** Order number (string)

**Output:** none



The agent sets the order number in the search field and click on the search button.

Then, the number of found items is written in the log console.



## **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 **2.0.15** or higher.

The following SDK dependencies were used to generate this sample: 1.26.51

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

### **Target application**

N/A

## 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

1. Make sure you have access to the *Seller Dashboard* application.
2. When you deploy the package, fill the username and password in the dedicated environment variables.

**EXPECTED OUTPUT**

N/A

[www.sap.com/contactsap](http://www.sap.com/contactsap)

© 2019 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. See [www.sap.com/copyright](http://www.sap.com/copyright) for additional trademark information and notices.

**THE BEST RUN**

