PUBLIC

RPA As Easy As 1-2-3: Low-Code Design for Microsoft Office and SAP Software INT165

Exercise 2: Integration of Word and Excel Xiaohui XUE / SAP Moumita Bera



TABLE OF CONTENTS

INTRODUCTION	3
CREATION OF THE WORD AUTOMATION	4
ADDING EXCEL ACTIVITIES	12
RUN THE BOT	17
SUMMARY	21
REFERENCES	

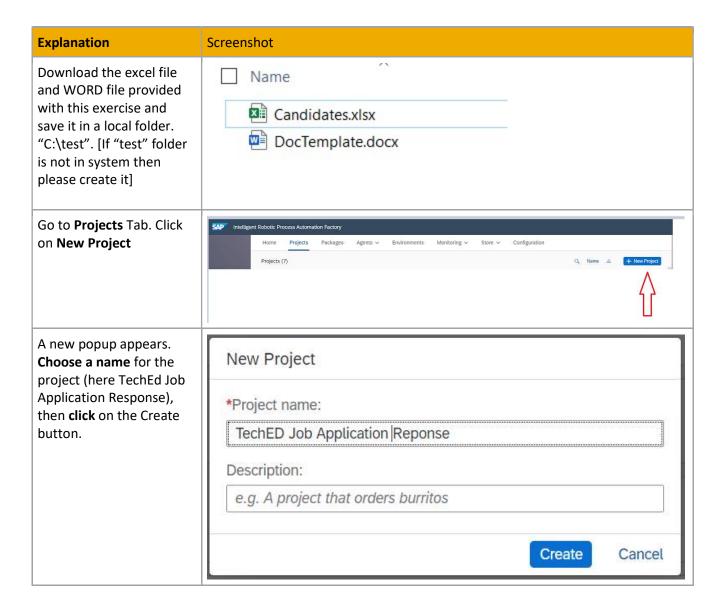
INTRODUCTION

This workshop aims to introduce the new features available in SAP Intelligent RPA 2.0 and how they can be used to simplify the business integration with Microsoft office and with SAP tools.

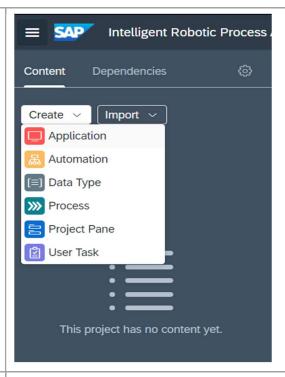
This exercise shows how to create an automatic process to handle job applicants. Given the list of candidates in an excel, the workflow automatically creates replies using a WORD document as template.

Estimated time: 30 minutes

CREATION OF THE WORD AUTOMATION



In the project, **click** on the Create button to expand the dropdown menu, then **select** Automation.



In the pop-up dialog, select the **agent version** for this project. In this exercise, the version can be the one marked with the label **Local**. **Click** on **Confirm**.

Configure agent version

Please select the version of the agents installed on machines that will execute the automation. For more information, see the documentation.

*Agent version:

Select a version

Confirm

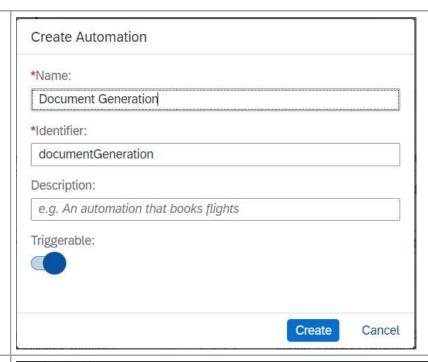
Cancel

A new popup appears.

Choose a name for the automation (here

Document Generation), then click on the Create button.

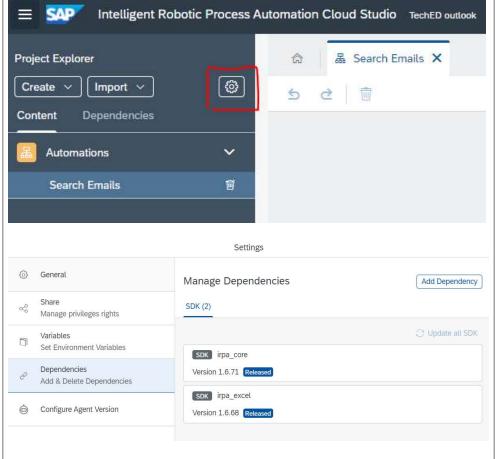
This will create the automation and open the automation editor.



Click on Project Settings icon and select the section **Dependencies**.

Two dependencies should be automatically added which are irpa_core and irpa_excel.

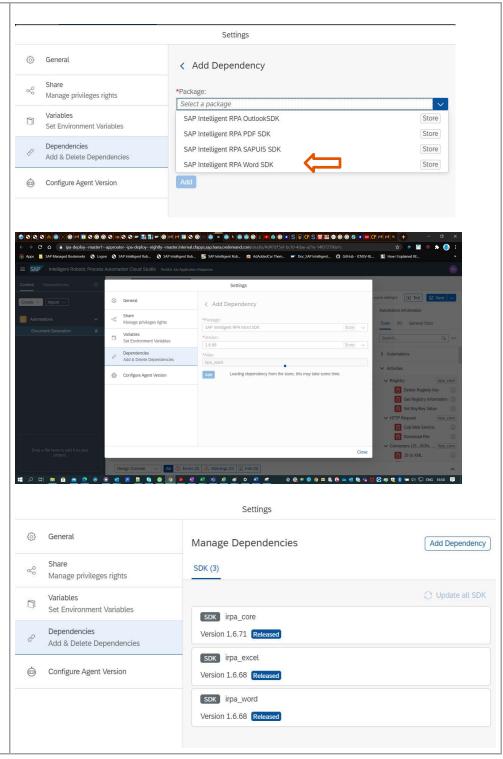
Click on Add Dependency icon.

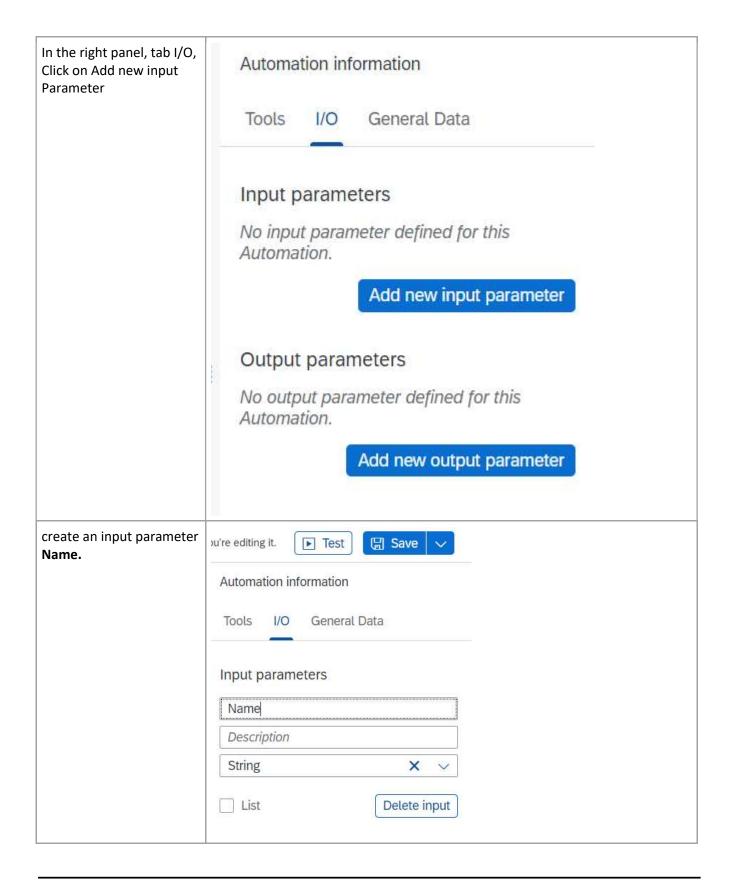


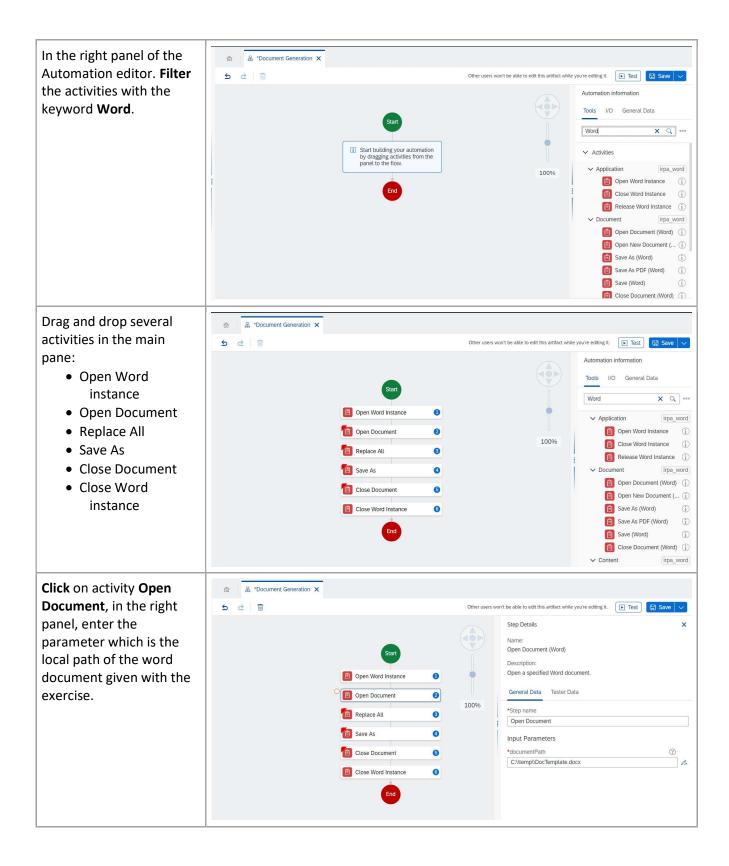
From Package dropdown select SAP Intelligent RPA Word SDK. Select available Version.

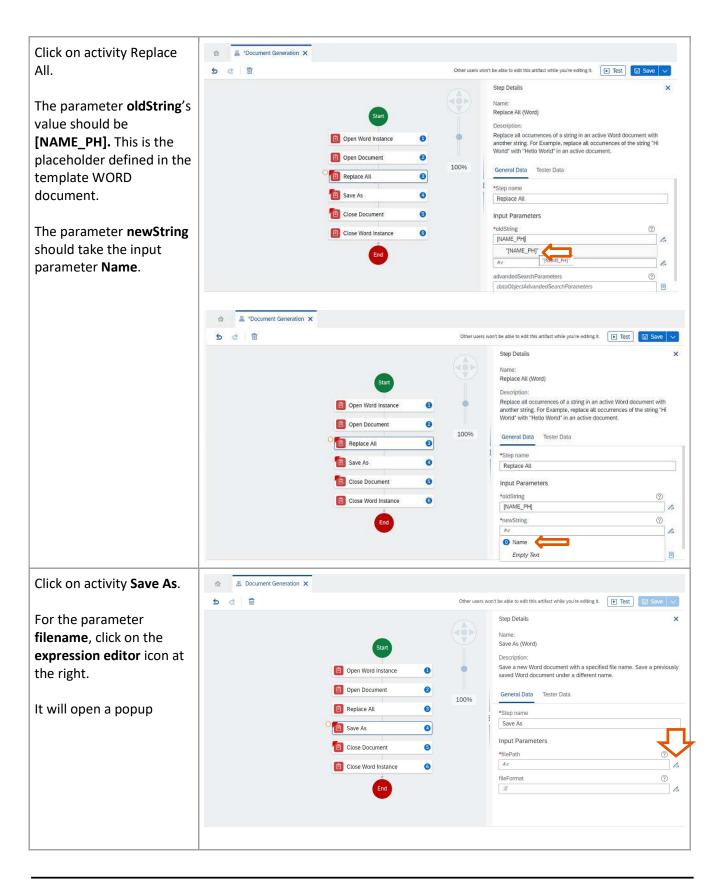
Click on Add button. This will add Word library in your current project scope.

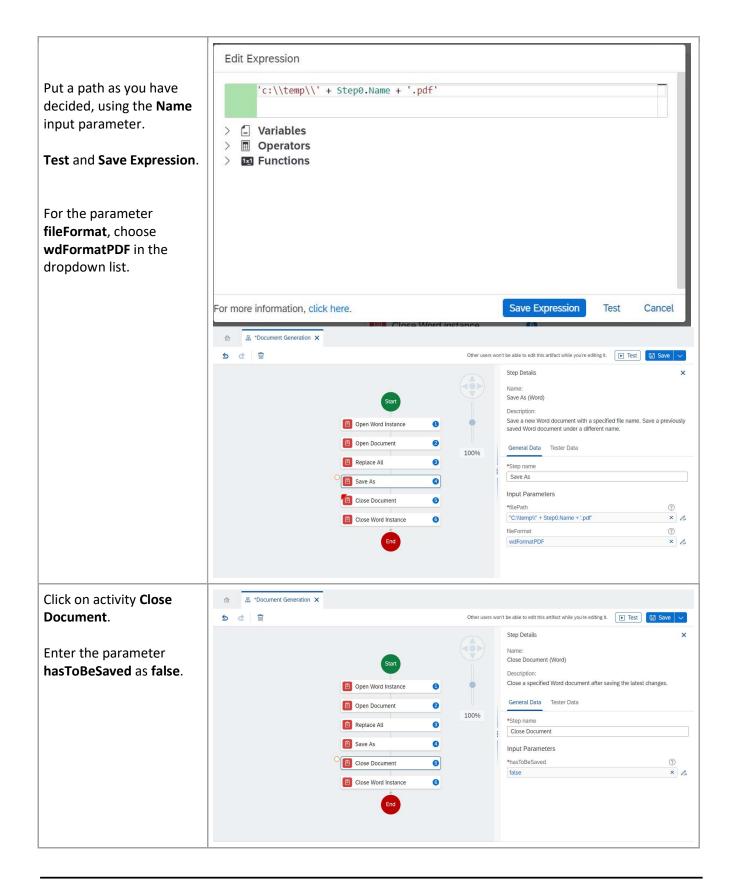
Finally click on close.







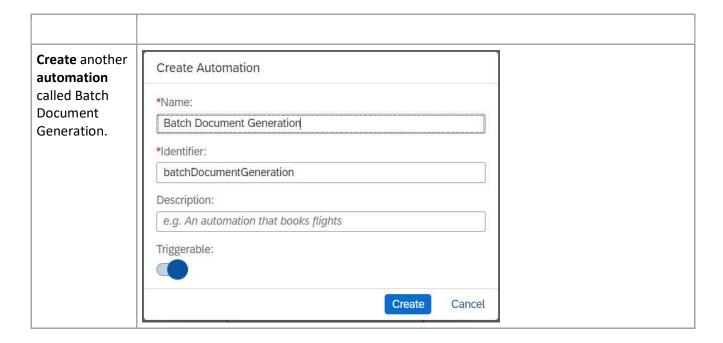


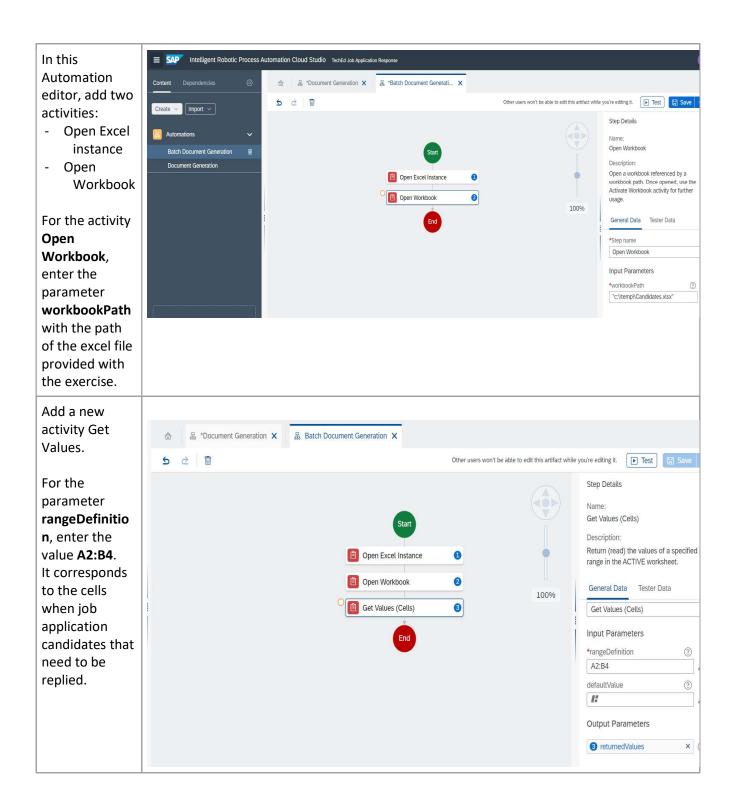


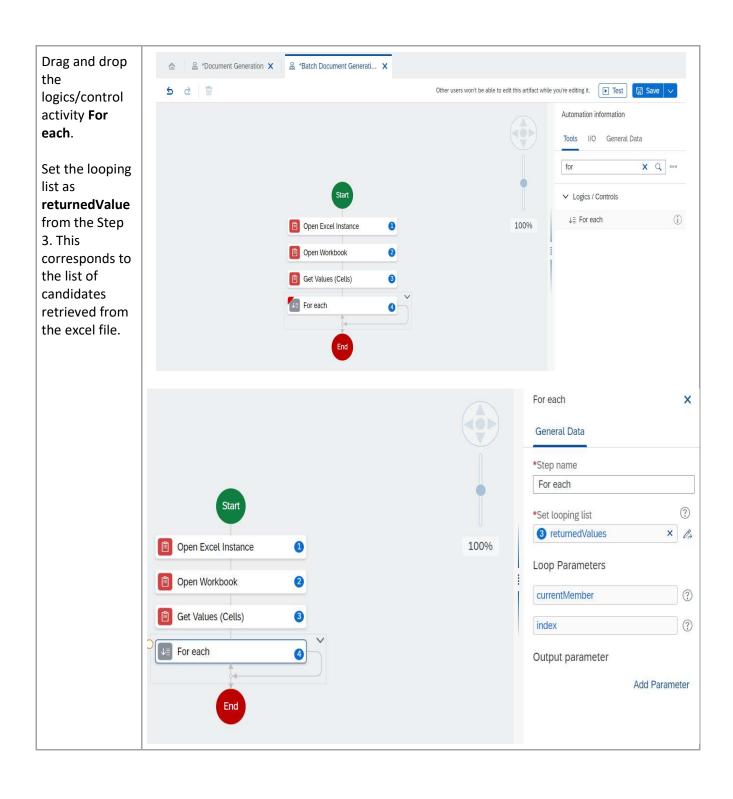
This automation is complete, you can save and test it.

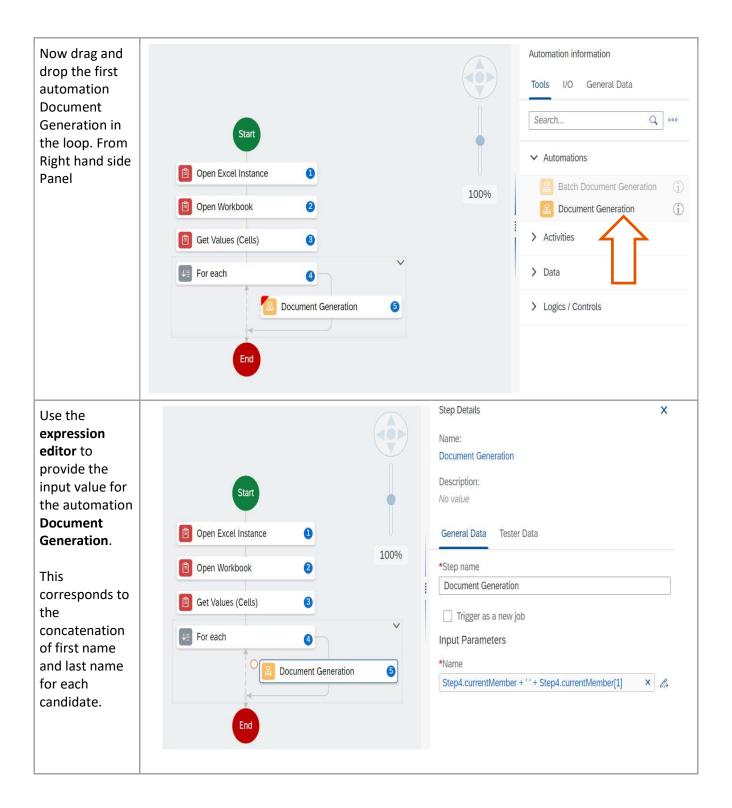
It should create a PDF for each execution. The content of the execution is the initialization of the template using the input name.

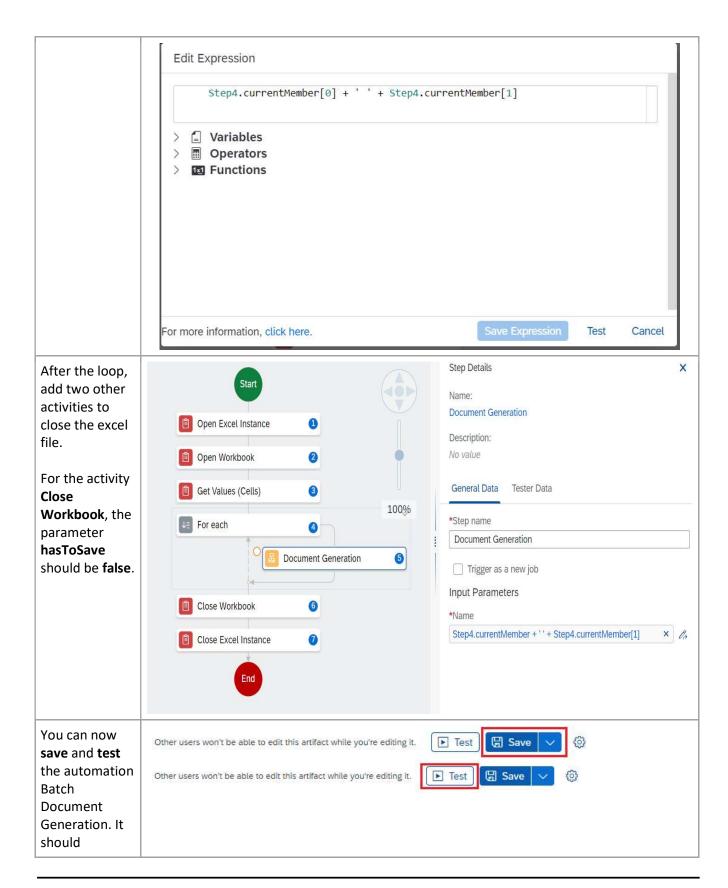
ADDING EXCEL ACTIVITIES

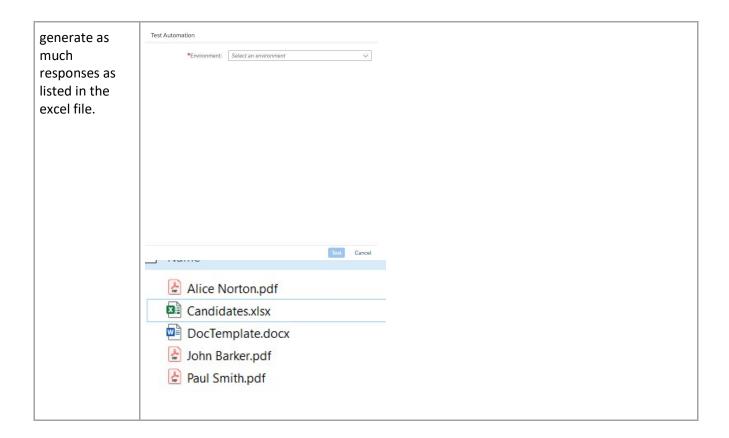




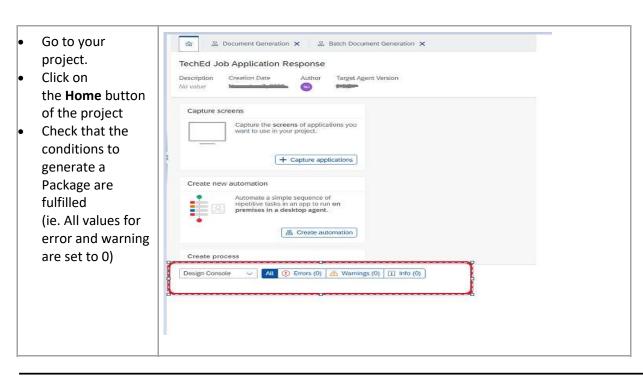




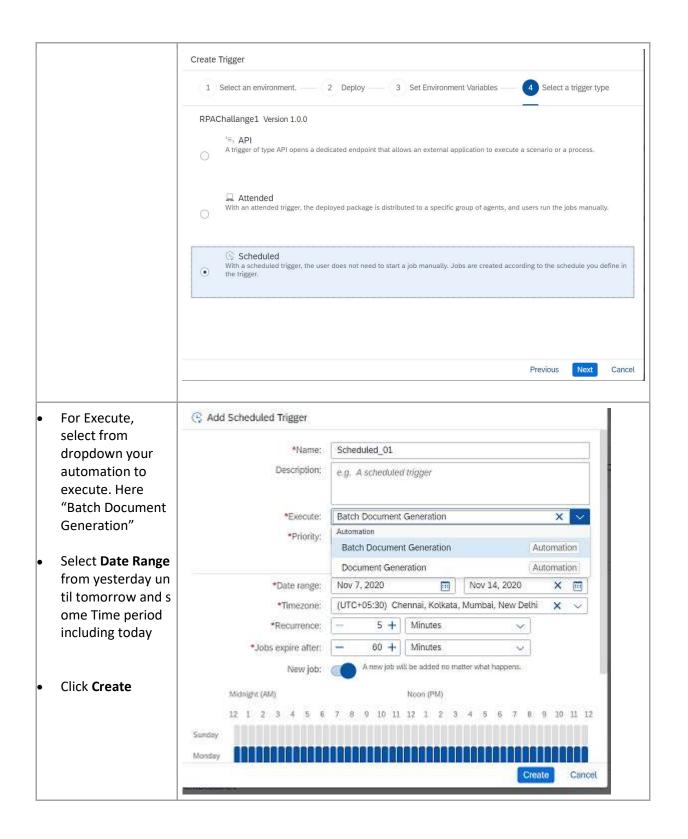


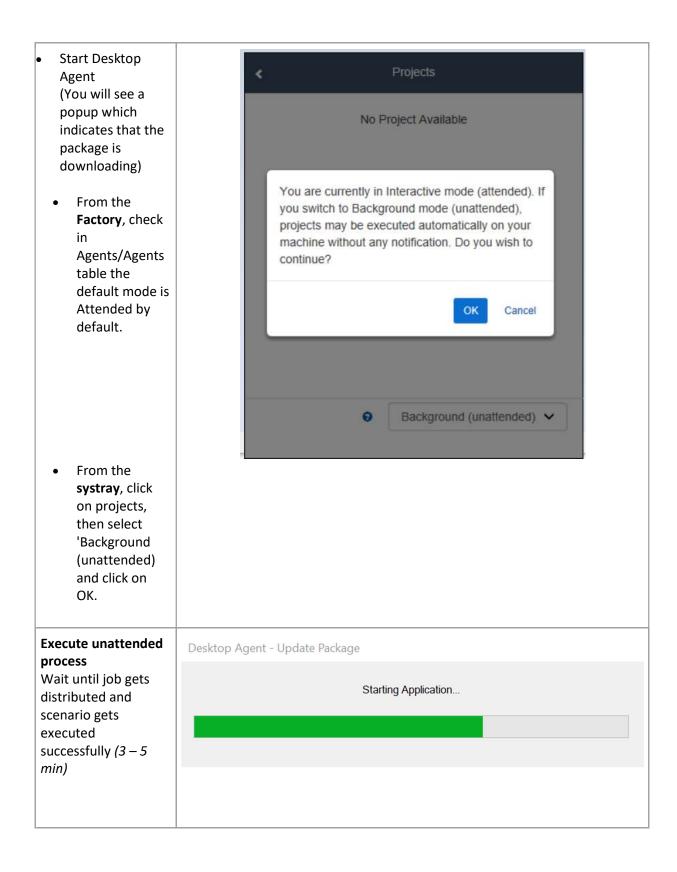


RUN THE BOT



Click on Generate Package the **Generate** Package button on the right *Name: A dialog will open, TechED Excel Demo again click on **Generate** Description: **Package** Close the Project Enter Package Description navigator tab Version Number: 1.0.0 Generate Package Cancel Locate the generated Projects **Packages** Environme Home Agents ~ package in the Packages tab. Click on Add Trigger Packages (1) to create a scheduled trigger: • In "Select an TechED Excel Demo from Environment ", select the Environment Version 1.0.0 BETA Preview you have previously created.Click on "Next" Create Trigger • In "Select a trigger type", 1 Select an environment. 2 Deploy 3 Set Environment Variables chose Scheduled TechEd x Q trigger TechEd Demo Environment Test Updated just now. Author Su





SUMMARY

You have completed the exercise!

You are now able to:

- ... create an automation using the Cloud Studio
- ... use automations to manipulate Excel sheets
- ... create an automation to manipulate word documents
- ... test and run your project

REFERENCES

Help portal for SAP Intelligent Robotic Process Automation: https://help.sap.com/viewer/p/IRPA SAP Intelligent Robotic Process Automation on SAP Community:

https://community.sap.com/topics/intelligent-rpa

www.sap.com/contactsap

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