

Integrating a Robot into Your Process

Creation of Software Robots

By using software robots, you can relieve your employees of profane and monotonous tasks, since the robot - as a virtual worker - can take on a variety of tasks.

Some examples software robots can be used for:

- to control SAP.
- to manage web applications.
- to control mainframe systems.
- for extremely easy sending of e-mails.
- to generate Excel, Word, Powerpoint or PDF files.
- to integrate systems without interfaces into BPaaS processes.

The software robots are created by your **Scheer PAS** consultants in **UiPath Studio**, a tool of our partner **UiPath**. The robots are then adapted to your process. During the creation of the robot is determined what exactly the robot does and which applications such as Excel, Word, PowerPoint or SAP it uses.

The video shows the modelling of a robot in UiPath Studio and how the robot is connected to Scheer PAS:

Your browser does not support the HTML5 video element

Integration of a Robot in an EPC Model

Once a robot has been created in **UiPath Studio**, a design user can easily integrate it in any EPC model in BPaaS.

 <p>Software Robot</p> <p>Software Robot</p>	<p>To enable the integration of a software robot into your business process, we have introduced the EPC element Software Robot in BPaaS. During modeling, you can just connect the robot element to the corresponding function in your EPC model.</p>
	<p>You can use the Software Robot element in EPCs with Responsive Forms as well as with Mobile Forms.</p>

Watch the video to see how a process with an integrated software robot is modeled:

Your browser does not support the HTML5 video element

Modeling Example

Irene Adler wants to make it easier for her colleagues to record business contacts. Her company, **ACME Corp.**, already uses **Scheer PAS BPaaS** for the digitization of business processes. So Irene creates a business application where users can insert data of new contacts. Nevertheless, colleagues are complaining, especially after big events, that they have to type so much data from business cards to add them to the company's address book and to their Outlook.

In search of a solution Irene finds out about RPA and that she can use it along with BPaaS. She contacts her **Scheer PAS** consultant about getting an RPA licence.

	<p>Some time later, Irene is informed that her new software robot has been created.</p>
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Related Pages:

- [The Element Software Robot](#)
- [Robot Details Overview](#)

Related Documentation:

- [BPaaS](#)
 - [Modeling Processes](#)
- [Administration Guide](#)

← Edit User

Master Data

First Name
Robbie

Last Name
Test

User active

E-Mail
UI-Automation@scheer-group.com

Login
testBot

Company
Scheer GmbH

Language Selection
English

Valid from
02/06/2018

Valid until
12/31/2099

Profiles (4) ASSIGN MORE

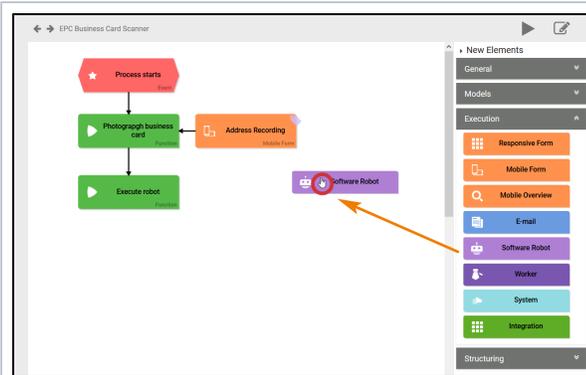
Designer	Name	Display Name	Namespace		
	bpaaS_execution_user	bpaaS_execution_user		✘	🔗
	rpa_robot	rpa_robot		✘	🔗
<input type="checkbox"/>	sandbox_irene.adler	sandbox_irene.adler	sandbox_irene.adler	✘	🔗
<input type="checkbox"/>	acme_corp	ACME_Corp	acme_corp	✘	🔗

Roles (0)

Similar to a natural person, the robot must have its own BPaaS user and the corresponding authorizations.

In her **Sc** **cheer PAS Administration**, Irene creates the BPaaS user **Robbie Test** for her software robot and assigns the necessary profiles:

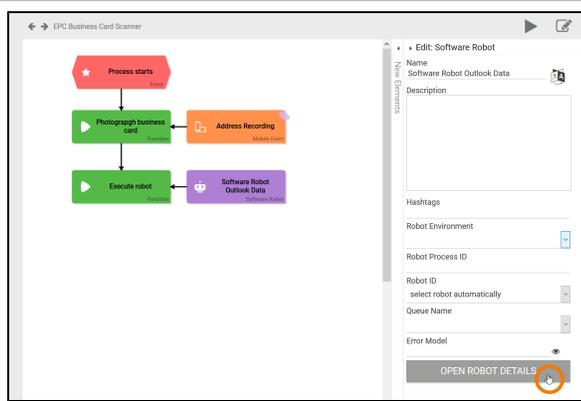
- **rpa_**
robot
- **bpa**
as_e
xec
utio
n_u
ser
- sand
box_
irene
_adl
er -
as
this
is
the
profil
e
Iren
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uses
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mod
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robo
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proc
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testi
ng
- acm
e_co
rp -
as
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Irene now reworks her address recording process.

She starts with a mobile form including a camera element. This enables her colleagues to take pictures of business cards instead of typing the data to a form.

Then she adds the [Software Robot](#) element to the process.



Irene has two options to configure the robot:

- She can define the robot settings in the **Edit** side bar.
- She can open the robot details to define all necessary settings.

Irene chooses to use button **Open Robot Details**.

The dialog **Software Robot Details** opens.

Here Irene selects the necessary settings such as:

- **Robot Environment**
- **Robot Process ID**
- **Robot ID**

Parameter

Input		Output	
Parameter	Type	Parameter	Type
[in_containerPath]	Object	businessCard[1]	Object
forwardTo	Object	businessCard[0]	Object
		contact.firstName	String
		contact.lastName	String
		contact.fullName	String
		contact.company	String
		contact.city	String

Parameter wrapped in [] were declared as variables and therefore cannot be resolved.

SAVE CANCEL

At the bottom of the window she can also find the input parameters the robot requires from BPaaS as well as the output parameters the robot will return to BPaaS.

Address Data

New Outlook Contact has been created for

Name

Company

City



GO TO OVERVIEW SAVE NEXT

• Edit: Input Field

Name

City

Description

Hosttags

Additional CSS Classes

Current Value

Mandatory

Read Only

Focus on Element

Show Label Inline

Hide Input

Validation Expression

Field Name in Container: contact.city

Save Value in Instance

Irene uses the list to insert corresponding form fields in the forms of her process.

Status of the Software Robot

Note

The software robot is currently executing this instance. You can check out the current status at the Cockpit.

[Go to overview](#)

[Reload](#)

[Close](#)

The robot has been integrated in Irenes process and the app is now ready for testing.

When the EPC reaches the robot process step, a standard overview page displays the current status to keep the user informed, that the instance is currently processed by the robot.

This applies to Responsive Forms...

Note
The software robot is currently executing this instance. You can return to the overview.

 **Technical Information** 

Software Robot Status
The software robot is running.

Software Robot Job-ID
cd297002-19f4-4861-bc1c-9318586638e3

[BACK](#)

... as well as to Mobile Forms.