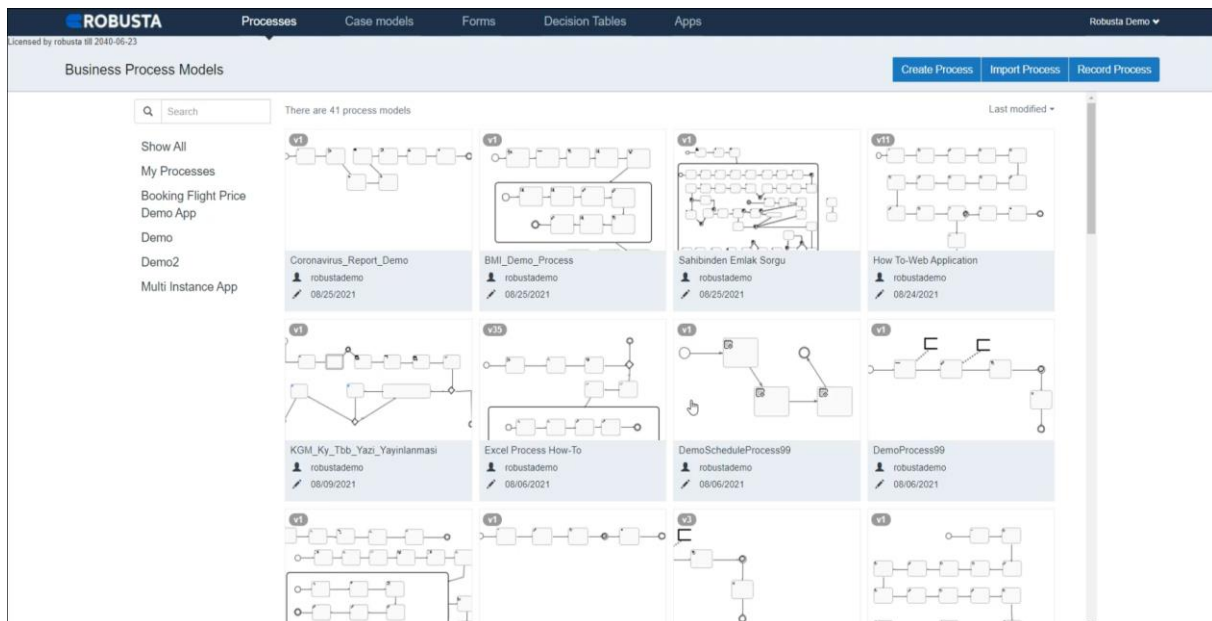


- In this paper we will show you the use of the Robusta RPA design studio and its interfaces by designing a simple RPA process.
- In this sample process, we will open the Youtube website and wait for 5 seconds and then close it.
- You can log into Modeler (Design Studio) by clicking on the link below. Use the same username and password used to connect Robusta orchestrator.

<https://178.18.207.85:8443/modeler/>



- The Processes tab that appears when you log in contains the menus to create, import, search and edit processes. On this page, you can see that all previously designed processes are listed.



- You can use the "Show All" option to list all processes by removing any applied filter. The Create Process button in the upper right corner allows to create a new process, and the Import Process button to import the processes that we have exported from other Robusta Orchestrator environments.



- To create a process, you need to click Create Process button, fill necessary fields and then, click Create New Model button. In the "Model name" field, we give our process a short descriptive name. This name is displayed by end users on the process start and monitoring pages and can be updated at any time. In the "Model key" field, we enter a key value for our process. In the Priority field, we can assign a priority value to our process by entering a positive number. Doing so, we can determine which of the jobs waiting in the queue will be processed first. In the Human effort field, we can enter the information about how long it takes a human to perform the operations in our process.

Create a new business process model

You need to give a name for the new model and you may want to add a description at the same time

Model name

Model key

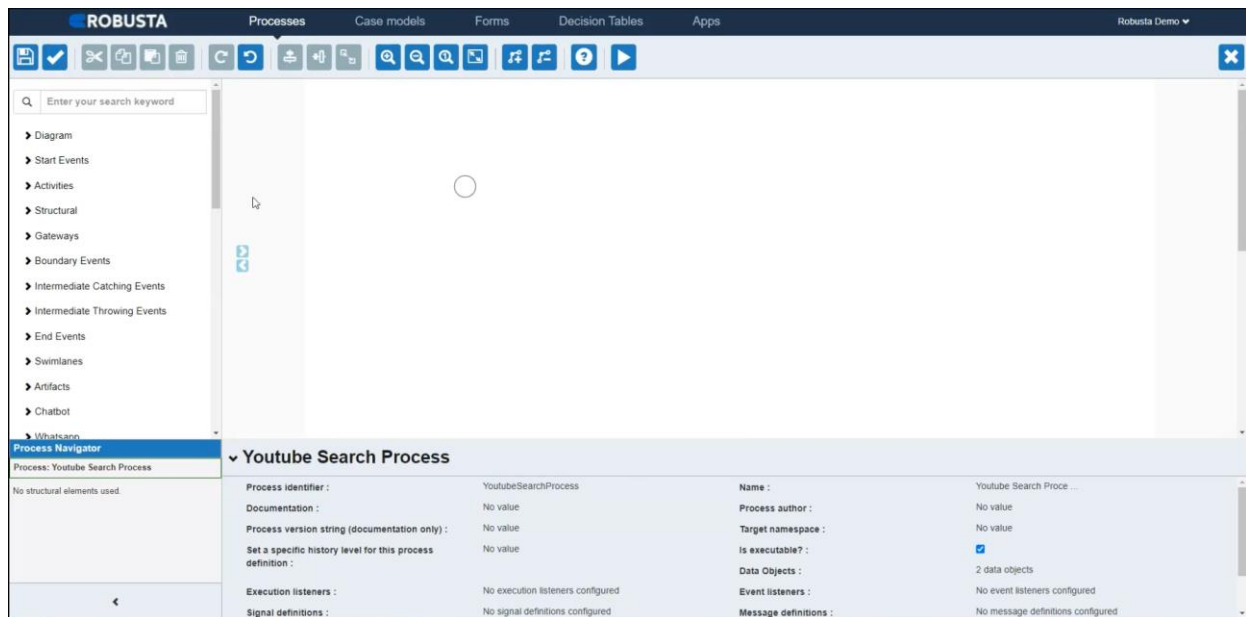
Priority

Human effort (in minutes. E.g. 4.5)

Description

CancelCreate new model

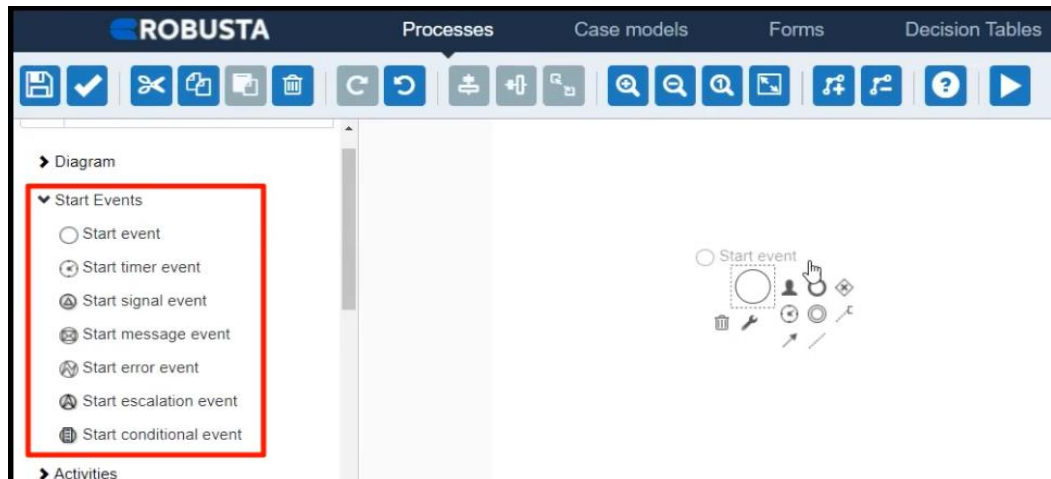
- The following screenshot shows process design studio. On the left pane, you see BPM and RPA components all together. On the right side, you see the canvas where we generate process flow.



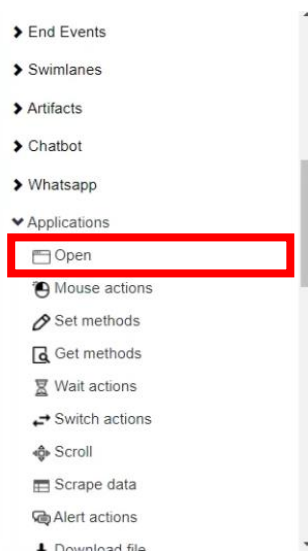
- At the top, you can see the toolbar with shortcuts. By using the buttons in this section, you can perform operations such as cutting, copying, pasting, deleting the activities in the process flow, undoing what you have done, zooming in and out of the design area. Also, you can run your processes by clicking the "Run" button here for testing purposes.



- Processes should include only one start activity and at least one end activity. When you need to add it, you can add this activity to your process by drag and drop of “Start event” activity under the Start Events section.



- As the next activity in our process, we will use the Open activity under the Applications section to open the Youtube website. You just need to drag and drop a selected activity onto the canvas.



- To define the flow, you need to connect the activities to each other by using arrows. For this, we select the Start Event activity and drag the arrow icon from the shortcut activities displayed on the right and hover

over the Open activity. When green and red signs appear around the activity, it is ok to drop the arrow.



- After the drag and drop, some mandatory fields have to be filled. For example, the values for Open activity under 'Applications' may be set as given at the following table:

Name	Open : Youtube
*Application Name	openYoutube
*Type	CHROME
*Url	https://www.youtube.com/



▼ Open: Youtube

Id :

No value

Name :

Open: Youtube

* Application name :

openYoutube

Application reference :

No value

Wait until load :

☒

Timeout (sec) :

No value

Maximize :

☒

Asynchronous :

☒

Documentation :

No value

* Type :

CHROME

* Url :

<https://www.youtube.com/>

Download directory :

No value

Profile directory :

No value

- In the next step, we want to wait 5 seconds after the Youtube website is opened and then close it. So, we will use a timer activity. You can find the timer activity in the shortcuts.



- Since we want to wait 5 seconds after the website is opened, let's write PT5S in the Time duration field.

The screenshot shows the UiPath Studio interface. The main workspace displays a workflow with a step labeled 'Open: Youtube'. A blue speech bubble contains the following text:

PT5S >> 5 seconds
PT5M >> 5 minutes
PT1H >> 1 hour

The bottom panel shows the 'Youtube Search Process' configuration. The 'Time duration (e.g. PT5M)' field is highlighted in red and contains the value 'PT5S'.

Youtube Search Process	
Id :	No value
Documentation :	No value
Time cycle (e.g. R3/PT10H) :	No value
Time duration (e.g. PT5M) :	PT5S
Name :	
Execution listeners :	No execution listeners configured
Time date in ISO-8601 :	

- In the next step, we add the Close activity in the Applications section to close the opened website. In this activity, we select the reference name of the application that we want to close from the list.

The screenshot shows the UiPath Studio interface. On the left, the 'Applications' section is expanded, and the 'Close' activity is highlighted with a red box. In the center, a process flow diagram shows an 'Open: Youtube' activity followed by a 'Close' activity. Below the diagram, the 'Process Navigator' shows the current process is 'Youtube Search Process'. The 'Close' activity configuration panel is open, showing the 'Application name' dropdown menu with '\$openYoutube' selected, highlighted by a red box. Other fields like 'Id', 'Name', 'Asynchronous', and 'Documentation' are also visible.

- Finally, let's use an End Event to complete our process flow and validate and save our process.

The screenshot shows the UiPath Studio interface with the process flow completed. The 'Close' activity is now followed by an 'End Event' (a circle with a thick border). The 'Applications' section on the left is still expanded, and the 'Close' activity is highlighted. The process flow diagram shows the sequence: Start Event -> 'Open: Youtube' -> 'Close' -> End Event. The 'Process Navigator' shows the process is 'Youtube Search Process'.

- After you completed the process flow, validate the model by clicking validate (🔍) button.

Validation results

No errors detected.

Name	Description	Critical
------	-------------	----------

- After you validated the process flow, save the model by clicking save (💾) button. If we select the "Save this as a new version" option here, and save our process, we will create a new version by preserving the last saved version of our process. Then, we will have the chance to revert to an old version whenever we want.

Save model

Name

Youtube Search Process

Key

YoutubeSearchProcess

Description

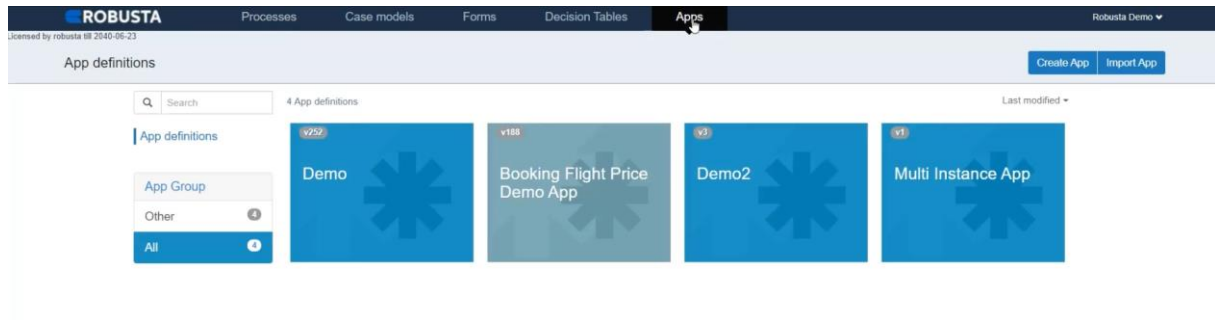
☐ Save this as a new version? This means you can always go back to a previous version

Cancel

Save and close editor

Save

- After saving a process, this process should be included in an App to be run. In Apps tab, you will find the menus to create, import, edit apps.



- To create a App, you need to click Create App button, fill necessary fields and then, click Create New App Definition button.

Create a new app definition

You need to give a name for the new app definition and you may want to add a description at the same time.

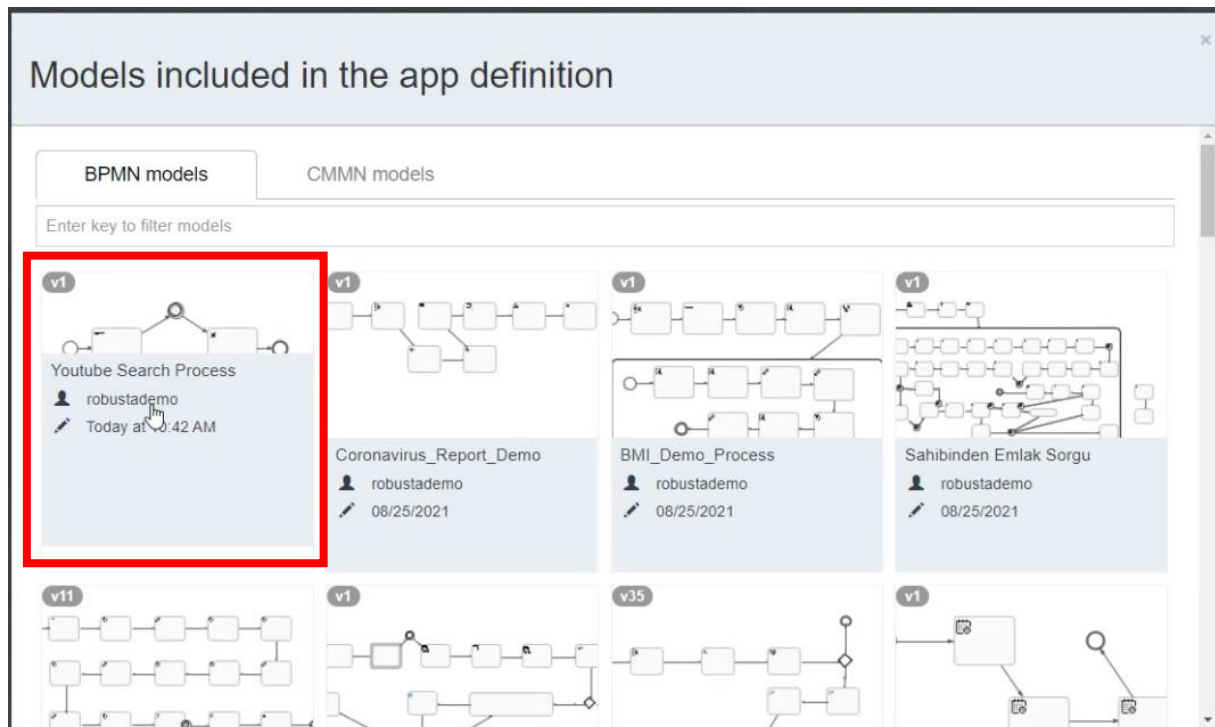
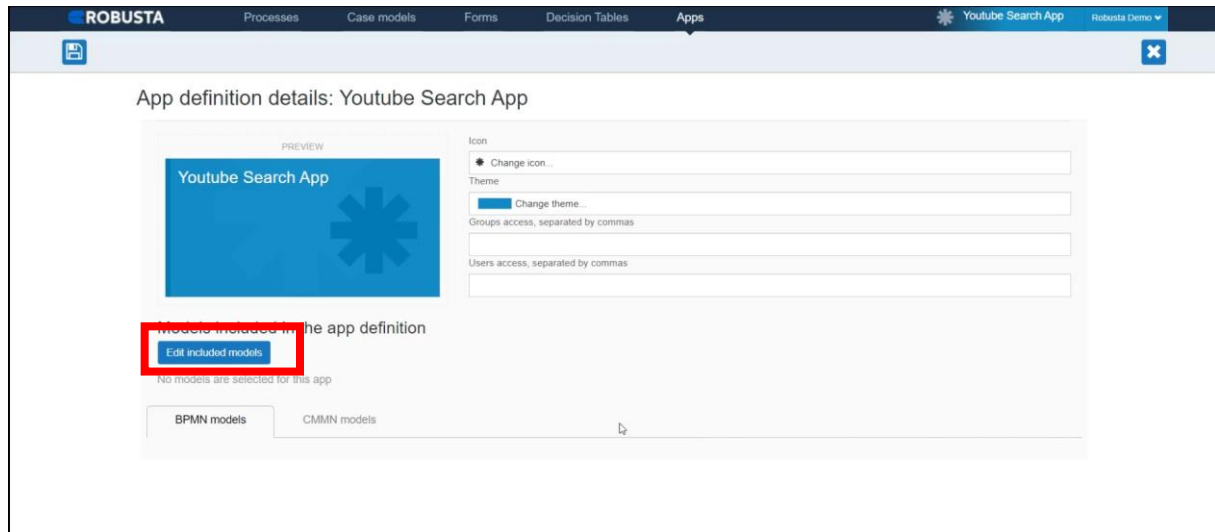
App definition name


App Group (Not Required)

App definition key

Description

- Click 'Edit included models' button and select the process to be included in your app. Then, click any space out of popup window to close it.



- Let's save our process by clicking the save button () at the top left. At the same time, since we need to publish the App we created, let's click the Save button after selecting the Publish option.

Save app definition

You need to give a name for the new app definition and you may want to add a description at the same time.

App definition name

App Group (Not Required)

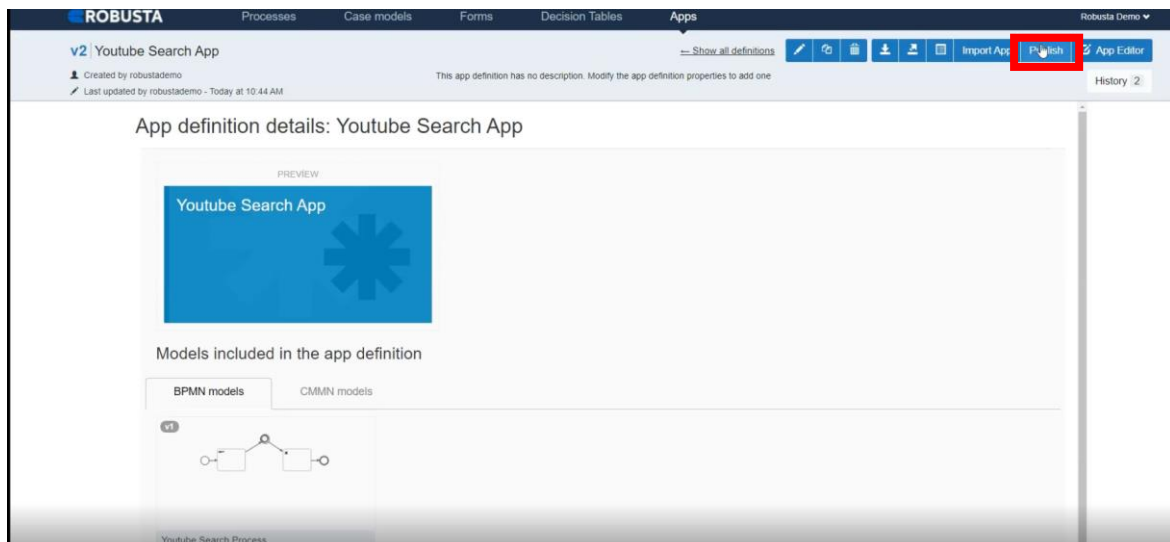
App definition key

Description

☒ Publish? Note that if publish is enabled, this app definition will be versioned and the workflow app will be updated if existing already.

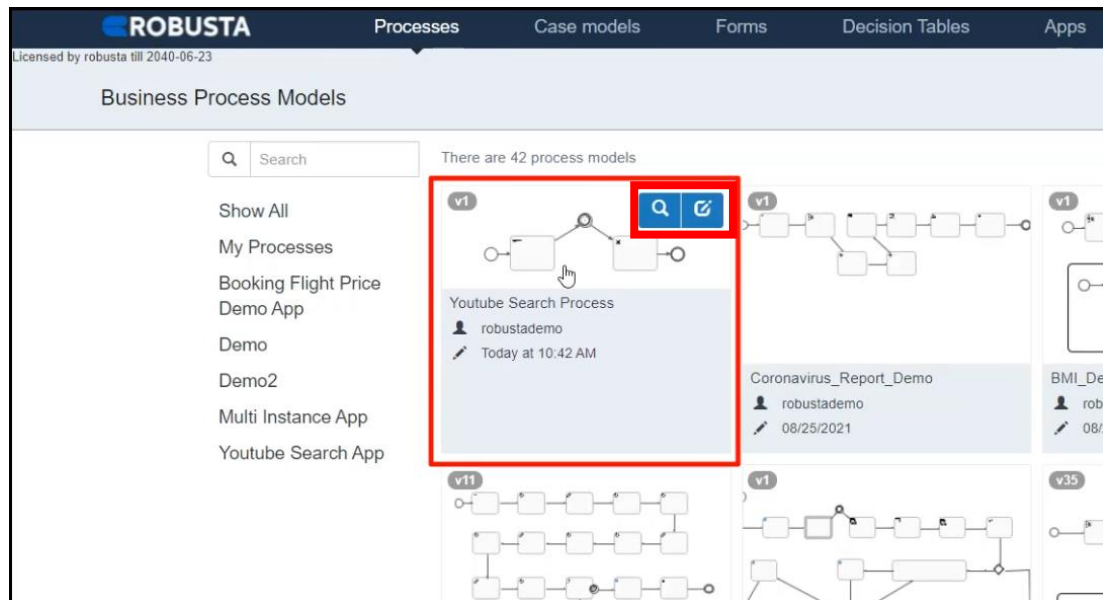
Cancel Save and close editor Save

- You can also publish an App by clicking the “Publish” button after clicking the App you created at the bottom of the Apps page.

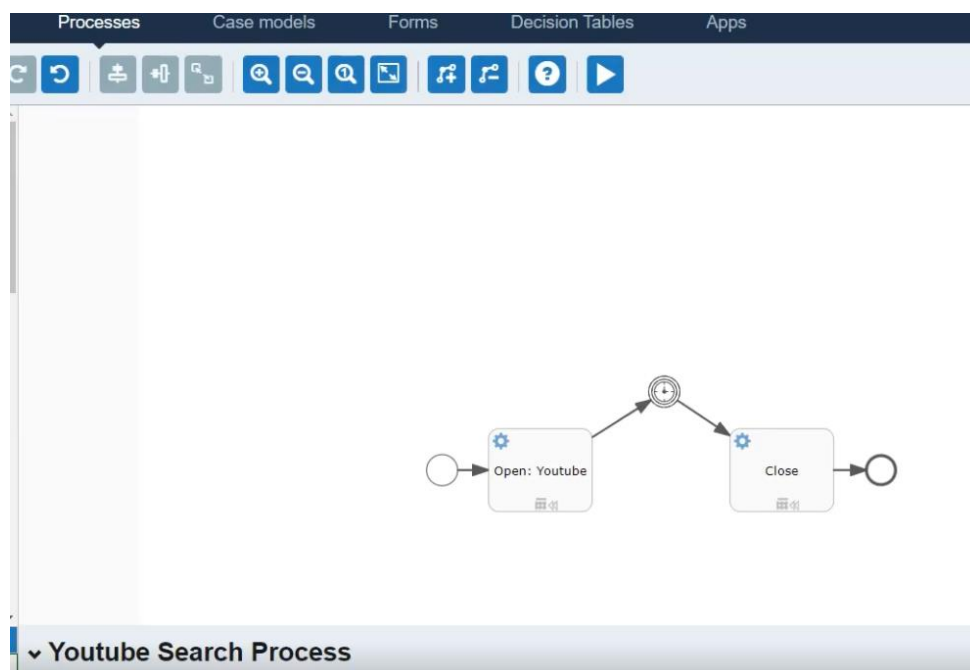


The screenshot shows the Robusta interface with the 'Apps' tab selected. The top navigation bar includes 'Processes', 'Case models', 'Forms', 'Decision Tables', and 'Apps'. The main header displays 'v2 Youtube Search App' and a 'Show all definitions' link. Below the header, there's a toolbar with icons for editing, deleting, and publishing. The 'Publish' button is highlighted with a red rectangle. The main content area shows 'App definition details: Youtube Search App' with a preview of the app icon and a BPMN model diagram.

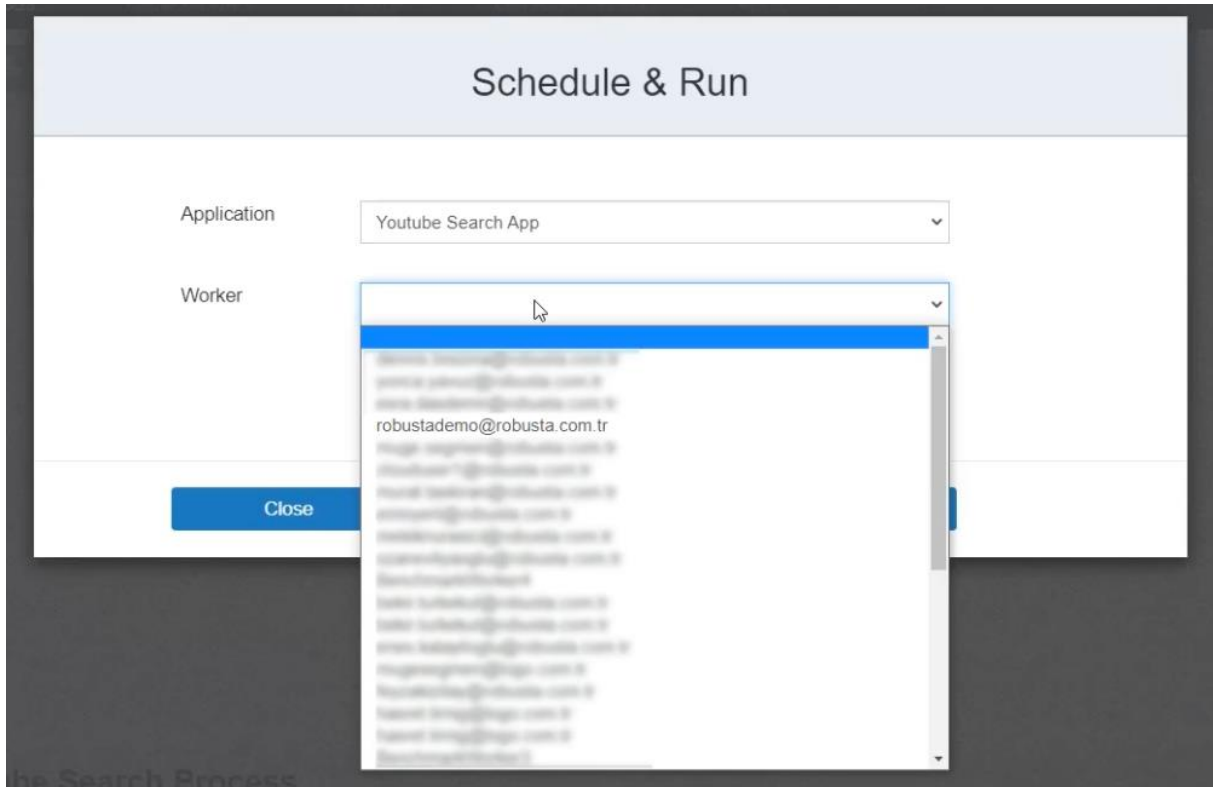
- let's go back to the **Processes** tab. We see our process in the first place since it is the last updated process. When we hover over our process, two buttons are displayed at the top right. By pressing the button on the right, we can access the process design editor directly. By clicking the button on the left or clicking anywhere on the box, we can view the details of our process.



- To run the process, select your process and click play () button.



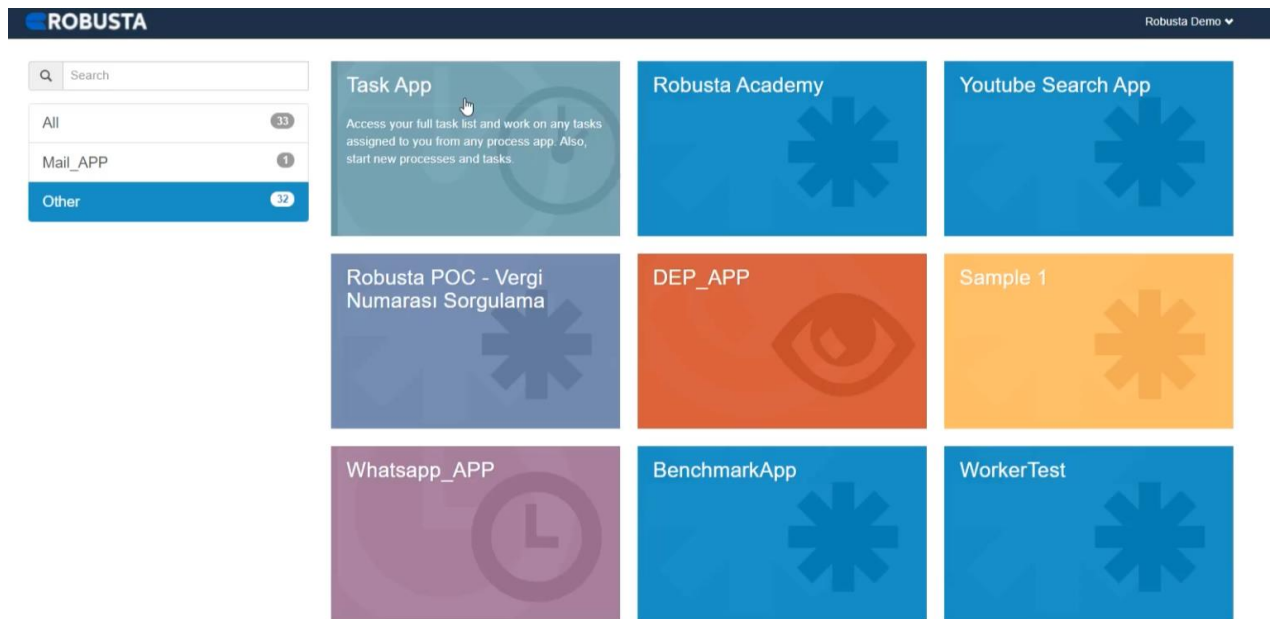
- Select your app and your worker on the popup screen. Then click Run Process button. Once you see 'Process Successfully scheduled' message on the screen, your process is scheduled to be picked by Scheduler to be sent to your worker.



Monitor Scheduled Processes with Robusta Scheduler

- You can open Scheduler module by clicking on the link below. Then, select your app to monitor scheduled processes in this app.

<https://178.18.207.85:8443/scheduler/>



- In the Scheduled Processes tab, you can search and check statuses of the scheduled processes.

The 'Scheduled Processes' tab is active, showing a search filter on the left and a table of processes on the right. The search filter includes fields for 'PROCESS NAME', 'PARAMETERS', 'STATUS', 'START DATE', 'END DATE', and 'SCHEDULED DATE', along with a 'SEARCH' button and a checkbox for 'Only Recurring'. The table on the right lists 15,035 matching processes, showing 1 to 10. The table has columns for Process Name, Status, Scheduled Date, Start Date, End Date, Cron, Once, Immediately, Parameters, and Instances. The first row, 'YoutubeSearchProcess', is highlighted with a red box around the 'Instances' column icon.

Process Name	Status	Scheduled Date	Start Date	End Date	Cron	Once	Immediately	Parameters	Instances
<input type="checkbox"/> YoutubeSearchProcess	COMPLETED	01/09/21 10:49:03				Y	Y		
<input type="checkbox"/> Youtube_Process	COMPLETED	29/08/21 11:30:02				Y	Y		
<input type="checkbox"/> coronavirusReportDemo	SCHEDULED	25/08/21 16:32:59				Y	Y		
<input type="checkbox"/> coronavirusReportDemo	COMPLETED	25/08/21 16:27:20				Y	Y		
<input type="checkbox"/> coronavirusReportDemo	COMPLETED	25/08/21 16:22:53				Y	Y		
<input type="checkbox"/> coronavirusReportDemo	COMPLETED	25/08/21 16:16:02				Y	Y		
<input type="checkbox"/> coronavirusReportDemo	COMPLETED	25/08/21 16:07:06				Y	Y		
<input type="checkbox"/> coronavirusReportDemo	COMPLETED	25/08/21 16:01:07				Y	Y		
<input type="checkbox"/> SystemAir_Poc_FFBTOS_Süreci	COMPLETED	25/08/21 15:44:35				Y	Y		
<input type="checkbox"/> wordDeneme	COMPLETED	25/08/21 15:37:25				Y	Y		

- By clicking Instances icon on a row, you can go to the instance of a scheduled process to see run details.

ROBUSTA Tasks Processes Cases **Scheduled Processes** Robusta Demo

PROCESS NAME

PARAMETERS

STATUS

START DATE

END DATE

SCHEDULED DATE

☐ Only Recurring

Start Date:

Found 1 matching processe(s), showing 1 to 10

Status	Waiting Reason	UserName	StartDate	EndDate	WorkerName	Show Logs	Show Diagram
SUCCEEDED		Robusta	2021/09/01 10:49:32	2021/09/01 10:50:13	robustademo@robusta.com.tr	<input type="checkbox"/>	<input type="checkbox"/>

- When you click Show Diagram icon on a row, the flow diagram is shown, and the path followed is seen in blue. Also, the values of the variables defined in the process is available at this page.

Variables Executions Log Expression Script

Variables

Execution 2474c713-0af9-11ec-b471-005056b399e2

Type	Name	Value
string	initiator	robustademo
string	minBpPriority	50
string	humanEffort	0
string	__worker	robustademo@robusta.com.tr
string	openYoutube	1630482584472