Understanding Cora SeQuence RPA Activity

v8.4 and later

What is RPA?

Robotic Process Automation (RPA) emulates human interactions with software programs like ERP systems, databases, and Microsoft office documents, with the ability to follow rule-based decisions, and copy, paste, or exchange data between systems.

In order to use the RPA activity, you need to have an RPA service up and running.

Use Cases

- Enter address details from an insurance claim into the main frame system when executing a customer request process.
- Retrieve deal numbers from legacy CRM systems for customer records in an order management process.
- Any of the processes listed below can start and end in Cora SeQuence and execute a robot for automating part of the process, such as procure-to-pay, quote-to-cash, claims processing, and more.

RPA Profiles

RPA profiles define where the pre-processed file is located, and where the post-processing file is placed. You manage RPA profiles from the Administration site. The values you define in the RPA profile are used in the RPA function.

Update Table: RobotProfiles

fldId *
2

Name
Update Customer Details

TargetFolder
Existing_Customers

OutputFolder
Updated_Existing_Customers

RobotEmail
support@companyABC.com
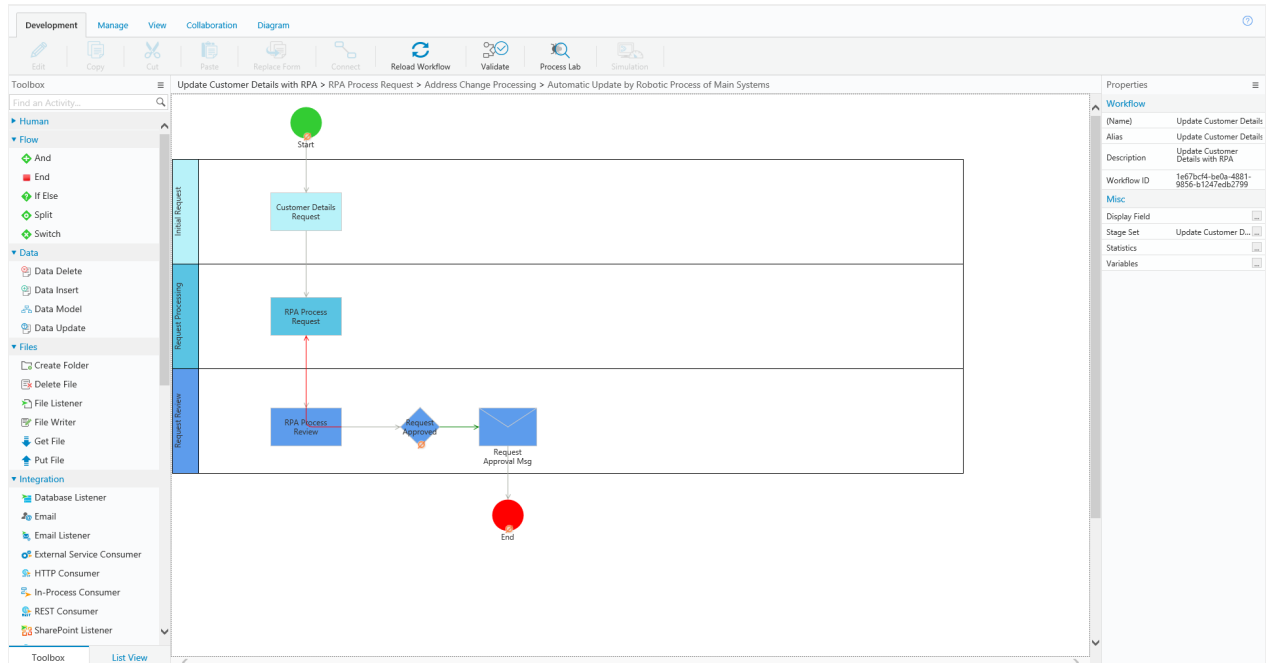
[Update] [Close] [Reset]

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Input Parameters

Name	Type	Required	Description
TimeOut	integer	required	The interval after which the process stops searching for the result file. The unit of measure is seconds.
ExternalContext	string	optional	Additional process information.
IsOneWay	boolean	required	Indicates if the process waits for robot results before proceeding.
InputFile	object	required	Defines the location of the source file to send to the robot.
RobotProfile	string	required	Name of the profile that contains the settings for the RPA implementation.
OutPutFile	object	required	Defines the location where the result file is placed.
FileId	guid	required	GUID of the file uploaded to the system in the main product, for example, Update Account. This file is sent to the robot for processing.

RPA Activity in a Workflow

When you use the RPA File Trigger Activity in a workflow, it's important to close the loop. A script or task that listens to the folder and processes the data from the file is required.

High-Level Workflow

RPA File Trigger