RPA Specialization

Course 6: UiPath Orchestrator and Capstone Projects

# Queues in On-premise Orchestrator

# Queues in On-premise Orchestrator

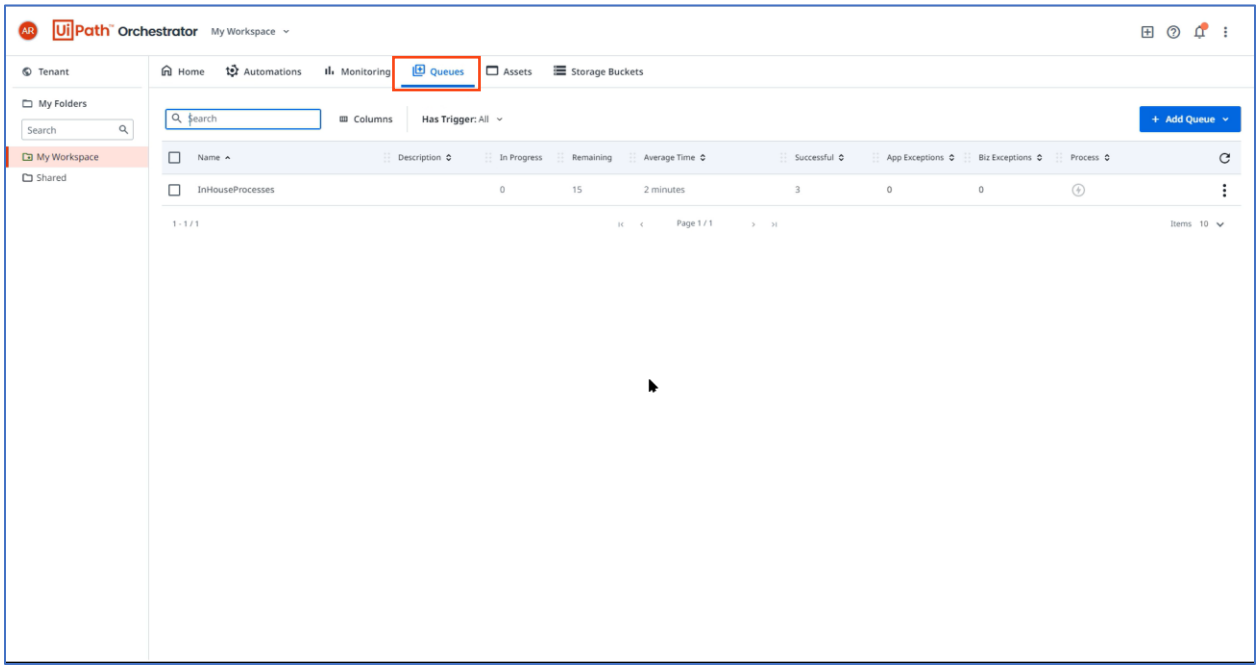
This document gives an overview of Queues in On-premise Orchestrator (On-premise: Version 2021.10).

A Queue is a container that enables you to hold an unlimited number of items. Multiple types of data can be stored in queues, such as invoice information or customer details. The stored data can be retrieved and processed in other systems such as ERP software. Queues allow the distribution of items individually to robots for processing them.

In Orchestrator, you can find queues on the Queues page under the Shared folder or other folders.

The **Queues** page allows you to create new queues. There are two tabs on this page. They are:

1. **Queues:** This tab allows you to add queue items for processing.
2. **Review Requests:** This tab shows processed queue items that need further review.

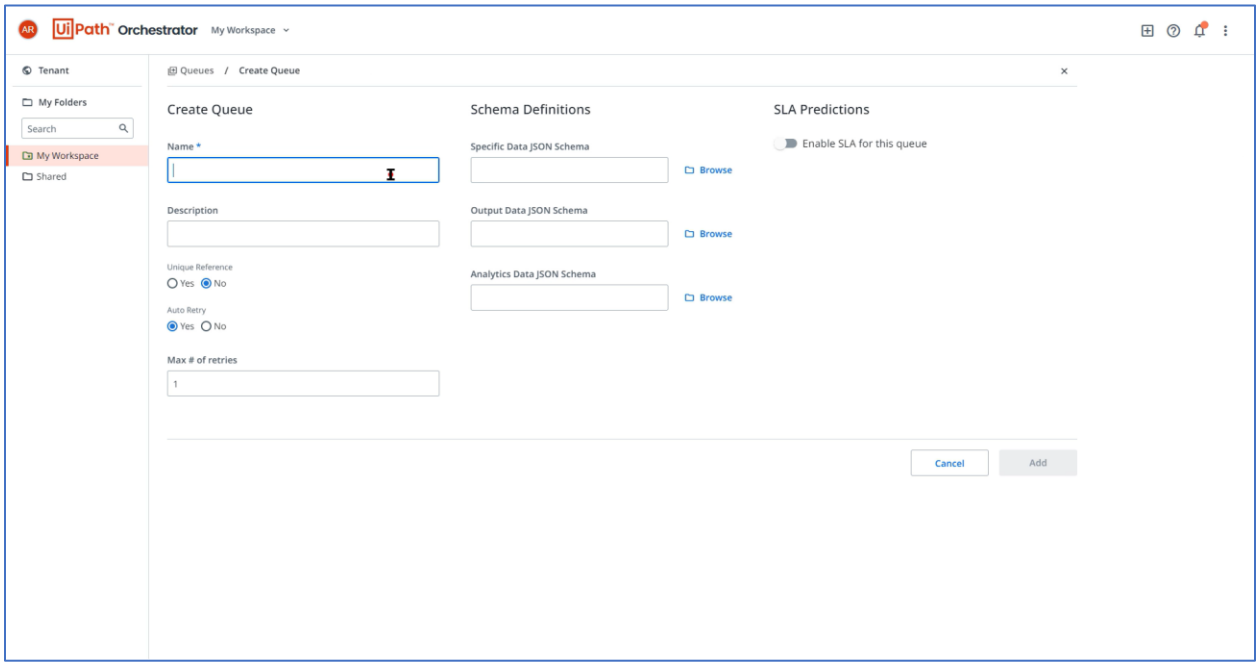


Creating a queue in Orchestrator is easy. Here are the steps to create a new Queue:

Step 1: Open UiPath Orchestrator and navigate to the Queues page of a folder.

Step 2: Click the Add Queue button (the blue button on the right of the screen) to get a drop-down menu and click the Create a new queue option.

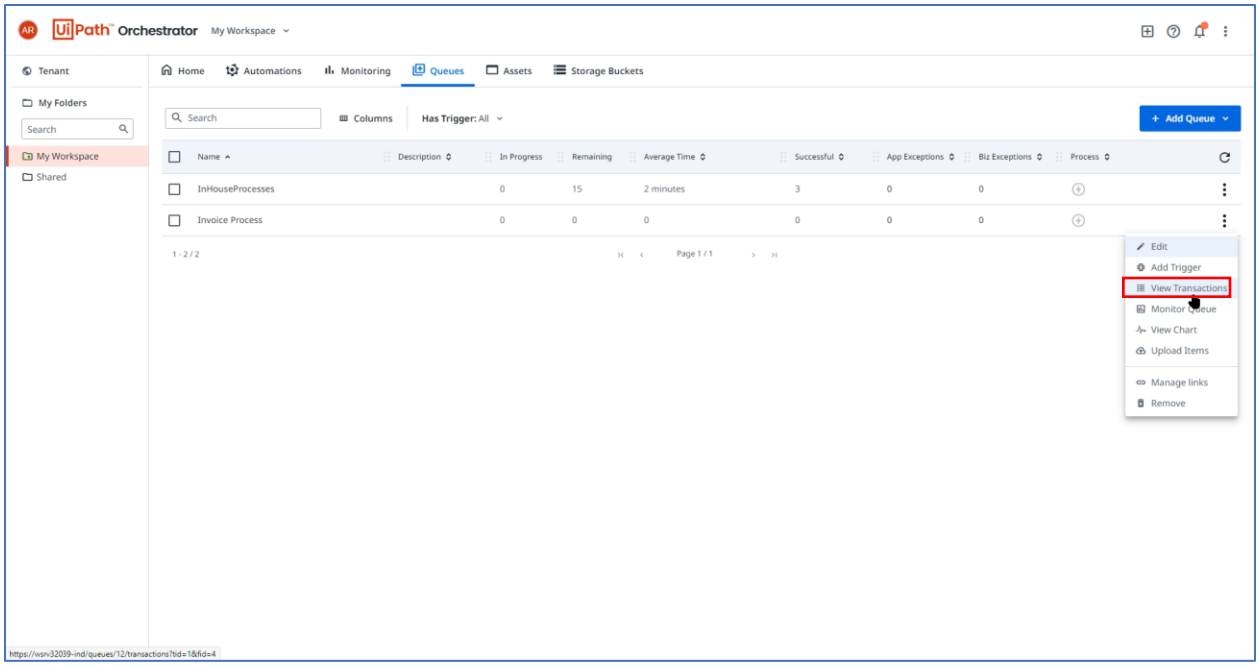
Step 3: When you click the option, a form opens to enter the queue name, and click the Add button to add the queue.



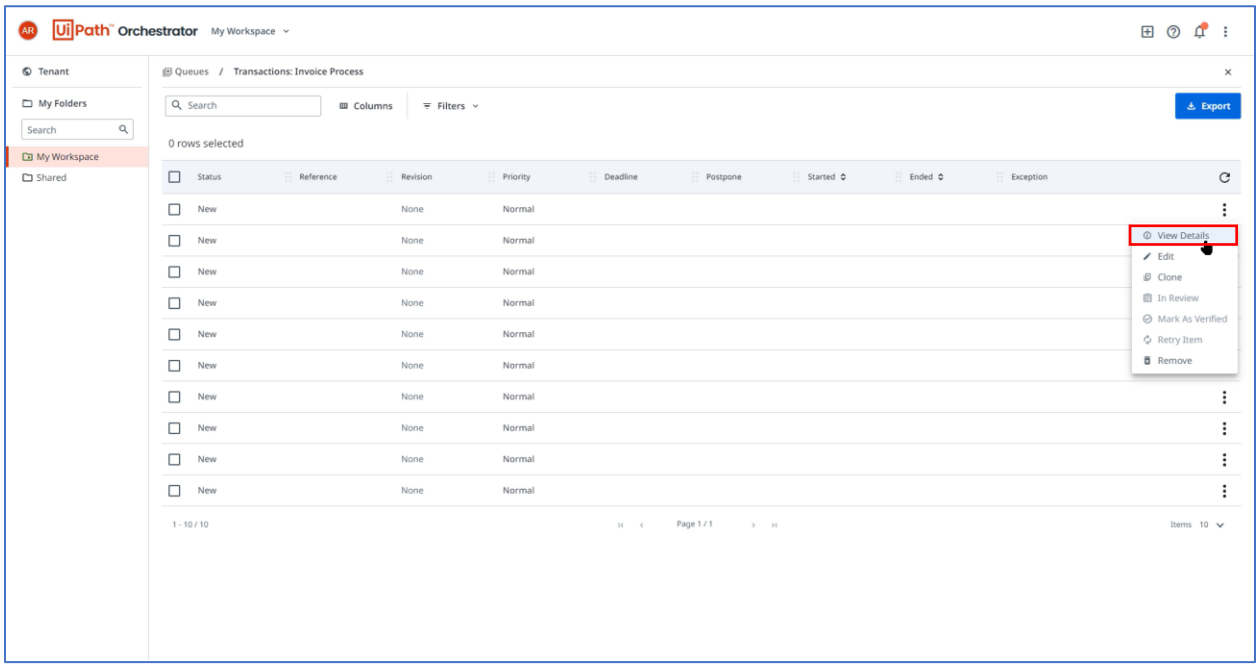

Though only entering the Name is enough to create a queue, you can also enter other information in the form as per your requirement. For instance, describe the type of data you want to store in the queue in the Description textbox to ensure that you do not forget the purpose of the queue.

After creating a queue in Orchestrator, you can use the **Add Queue Item** activity in your project in Studio to push the data to Orchestrator.

In Orchestrator, you can view all the uploaded data by clicking on the View Transactions option for the created queue.




Also, you can click the View Details option for each queue item to get a detailed view.




Once the data are successfully uploaded, you can use them for further processing. You can use the **Get Queue Items** activity in a project in Studio to retrieve data from a queue for processing.

To know more, visit: [https://docs.uipath.com/orchestrator/v2021.10/docs/about-queues-and-transactions](https://docs.uipath.com/orchestrator/v2021.10/docs/about-queues-and-transactions)