🌟🌟🌟 Day 15 of Our Daily UiPath Q&A Challenge! 🌟 🌟🌟

Welcome to Day 15 of our exciting UiPath Q&A Challenge! Each day, we'll be answering one key question to help you master UiPath and revolutionize your automation journey. 🚀

⛔ Question for Today

How to retrieve queue item in process and What is the difference between related activities?

✅ Answer

✴ To retrieve queue items in a process, UiPath provides specific activities that can be used within your workflow. Here's a breakdown of how to retrieve queue items and the differences between the related activities:

Get Transaction Item:

✅ Purpose: Retrieves an item from the queue for processing. This activity marks the item as "In Progress" and locks it to ensure no other robot processes it simultaneously.

✅ Output: Provides a QueueItem object representing the transaction item retrieved from the queue.

Get Queue Items:

✅ Purpose: Retrieves a collection of queue items based on specified filters. This activity does not lock or mark the items as "In Progress."

✅ Output: Provides a collection of QueueItem objects that match the specified filters.

✴ Key Differences

Immediate Processing vs. Batch Retrieval:

⛔ Get Transaction Item: Fetches a single item for immediate processing and marks it as "In Progress."

⛔ Get Queue Items: Retrieves multiple items based on filters without marking them as "In Progress."

Locking Mechanism:

⛔ Get Transaction Item: Locks the item to prevent other robots from processing it simultaneously.

⛔ Get Queue Items: Does not lock the items, making them available to other robots for processing.

Use Case:

⛔ Get Transaction Item: Suitable for workflows where items are processed one by one.

⛔ Get Queue Items: Suitable for scenarios where you need to fetch and inspect multiple items without necessarily processing them immediately.

Example Workflow