

★★★★ Day 112 ★★★★★
of Our Daily UiPath Q&A
Challenge!

Welcome to Day 112 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 does RE-Framework handle
retries?

The RE-Framework (Robotic Enterprise Framework) in UiPath handles retries using a combination of configurable settings, Orchestrator queues, and built-in logic in the SetTransactionStatus.xaml workflow. Here's a breakdown of how it works:

1. Retry Mechanism via Orchestrator Queues

If you're using Orchestrator Queues:

- Each queue item has a Retry Number and Max Number of Retries setting.
- If a transaction fails (e.g., due to a system exception), Orchestrator automatically retries the item based on the queue settings.
- REFramework checks the transaction status and reports it back to Orchestrator using SetTransactionStatus.xaml.

✓ Advantage: Centralized retry logic, easy to monitor and configure.

2. Retry Mechanism via Config File (Non-Queue Mode)

If you're not using queues (e.g., working with a data table or Excel):

- The retry logic is handled manually in the SetTransactionStatus.xaml.
- The number of retries is defined in the Config.xlsx file under the key MaxRetryNumber.
- If a System Exception occurs, the framework checks if the retry count is less than MaxRetryNumber.
- If yes, it retries the same transaction.

 **The retry count is tracked using the RetryNumber variable in the Main.xaml.**