

Checklist REF with Queue Items

Prerequisites

Robot connected to Orchestrator;

Queue created in Orchestrator:

Set the Retry value as required in the process documentation (PDD, SDD).

Configuration in UiPath Studio

Create **new project** using the **Robotic Enterprise Framework** template:

Set a proper name for the project – based on the name of the automated process;

Set a proper description for the project.

Edit the project's **configuration file**, found in the project folder, *Data/Config.xlsx*:

Settings sheet:

Set the correct value for the *OrchestratorQueueName* parameter; use the same name as the queue created for this process in *Orchestrator*;

Set a proper name for the *logF_BusinessProcessName* parameter; usually, this is the same as the name of the project; it is useful to link the process with log messages generated during execution;

Define any additional parameters required for the process such as input file paths, application paths, parameters to control the automation flow, emails, etc.

Credential assets should also be defined in this sheet, instead of the Assets sheet.

Constants sheet:

Leave the *MaxRetryNumber* value to 0; we will use the retry mechanism at queue level, if required;

Optionally, you can change the values of the other items defined in this sheet according to the process being automated.


Assets sheet:


Add entries for all assets defined in Orchestrator for this process (except credential assets);


Optionally, you can add entries for rows in Settings sheet, with the same name, and later we can create those assets in Orchestrator, when we want to overwrite the value in Settings sheet without redeploying the process.

Save and close the *Config.xlsx*.

Applications Used: open/close/kill


Edit the **Framework/InitAllApplications.xaml** workflow; it should contain the activities to start all the applications, perform the authentication and initial configuration required for all transactions in the process; 


Edit the **Framework/CloseAllApplication.xaml** workflow; invoke here the activities that should logout and close the applications opened in the *InitAllApplications.xaml* workflow; 

Edit the **Framework/KillAllProcesses.xaml** workflow; place here the activities to force close the applications used in the automaton, if required by the process. 

Business Process: Transaction Data and Process

Edit **Framework/GetTransactionData.xaml** workflow:

Set a proper value for the *out_TransactionID* argument, in the Assign *out_TransactionID* activity; 

Set proper values for *out_TransactionField1* and *out_TransactionField2* arguments in the next two assign activities. 

Edit **Process.xaml** workflow:

Place all the activities and logic required to process one transaction. 