Control Flow in RPA

mercoledì 22 maggio 2024 12:23

bear rees

A sequence is a compared in which knowled activities are places the appear anomer and executed uneques.

- (1) IT EMPLIES SEPTILESS HOWEVERT FROM ONE MOTHER
- (*) Against is followed by the HEXT ABOUTS IN A LIVER FASHION
- () Servences as ge news
- (*) Sean-ce up commit and unique of acrimines but id acquires execute and all acquires execute up the acquires execute up the acquires execute.

Cornel Flow

It's the order in which activities of Acros me executed on bypowed in a country.

It's used to define me decisions to be tade dance the execution of a moders. These help you determine the path of a moders executive bases on a specific pessict.

The course from actions of the found in the activities paper by Danisaring to the workfrom caregody and then to the course categody

There are two ways in what you can come me from:

- () Person QUED: A Decision is hope Based on a specific condition.

 If the condition is her, the Probability executes one post of the condition is not her, then it executes the other particles.

 The other Part. (=> IF: South)
- (1) TERAMON- BASED: A PREMIONAL PORT of A PROGRAM IS CHECKED HULLIGHE
 THRES WALL A SPECIFIC CONDINON IS THET OR HOLDS TRUE.

 (2) While; Do While; For Each)

Delay Parties Asso Help you cannot the from of execution

(1) IF ADTIVITY

IT COUTAINS A STATCHENT WITH A COMOTTION ATTACHED AND TWO SETS BA

OneNote THE YOUR OF WHITE

(2) Switch ACTIVITY

It executes a set of statements out of tourine bases on the specific expression.

of AN IF ACTIVITY WHEN AT LEAST THREE POTENTIAL herver " me

IT CAN BE USEAUL TO CHEGORIZE DAMA ACCORDING TO A CUSTOM MHELL OF CASES.

If Activity **Switch Activity** Suitable for testing a given variable's value 01 Suitable for taking a decision against a list of case values 02 Check for equality as well as logical expression Check only for equality Expression decides whether the statements 03 Expression decides the case to be executed inside 'Then' or 'Else' section is to be executed

(3) Do Whice Armory

IT executes the common activity first and the checks if the complian is thue. This also hears that it will be executed LUBT offer , ever if the compiner is not those .

(4) Whire Acousts

regiming before betting who the Loop IF THE COMBINER IS NOT THE , THE LOOP DOES , IT START.

(3) For EACH ACTIVITY

I ITERATES THROUGH THE ELEKENTS OF USTS; AMAYS, DATASETS , ... and persons AN ACTION OF EACH ELEMENT INDIVIDIBLEY

Omen Control Flows Activities

(1) Delay Activity

IT charges you to pause the automation for a custom perhod HH : HH : SS FORMAT

(2) BREAK ACTIVITY

IT ENAMES YOU TO STOP THE LOS AT A CHOSEN POINT AND THEN CONTING

WITH THE NEXT ACTIVITY.

This Activity can only be used continue "For Form", "Whee", "Do Whee"

(3) ASSIGN ACTIONTS

Ly ALLOCATES A NAME TO A NATIVABLE OR ARCOHELT.

- Lo (0) wherever me view of a variable in a work
 - (.) SUT UP THE VALUE OF TWO OR HEAR MANAGUES
 - (1) ASSIGN THE THESIT TO A DIFFERENT MAINTE
 - (2) ASSLUT HAVES TO AT MORAY

(4) Course Activity

HE CONTINUE THE EXECUTION WITH THE HEXT STERATION.

(5) PARAULL ACTIVITY

PROMULE, HULTIPLE ACTIVITIES OF BE EXECUTED SIDE 34 SIDE.

IT IS HELPFUL WHEN THERE IS THE FEEL TO RULL SEVERAL PROCESSES

AT THE SAME TIME.

A Panquer Activity let's son schedule the son held thus activity Branches for Processing simultaneously.

However, it comet our tentile processes in the fore animal at the same time.

To the more than one Respons at the state title July hours

CHOSCE A SINGLE ACTIVITY BRANCH TO BULL IN THE PODE GROWND,

AND THE REMAINING ACTIVITY BRANCHES HUST BULL IN THE BOOK GROWND.

SOU CAN USE "So hubor Nethole" OR "Simulate Type" PRAPERTY

OF THE ACTIVITIES FOR THIS RAPOSE

IP THEY ARE NOT USED, THE PROJUEL ACTIVITY BEGINS PROCESSING
LUTH THE EVECUTION OF ONE ACTIVITY BRANCH AT A TITIC.

IT COMPLETE QUE ACTIVITY BRANCH AND THEN RAPOSHLY RCKS

APPLIED ACTIVITY BRANCH.

IT GUES THE RESULT RAPOSHLY WHEN YOU AWARD THIS PROCESS

IN THE PROPERT ACTIVITY

FLOW CHARTS

AND THESE ACTIVITIES CAN BE CONSCIED IN HULTE WAYS.

 I_{7} is a diagrammatical affected that represent uprous steps invaried in configuration tasks, activities are processes.

- (.) IT HELPS THE USER TO VIEW AND FOLIAN THE PROCESS QUICKLY
- (") IT CAN BE EITHER USED AS STAND-ALONE AUTOMATION PROSECTS OR (NEWOLD W LARGER PROSECTS.
- The important aspect of francharts is that where seale mes, they present hurrile backened locker efectors that here calate complex business processes and connect activities in thurs file ways.

Decision - YAKING ACTIVITIES

There are two activities used to decide the flow of it flow organistings. These are:

(1) From Decision Acriviry

It'S AN ACTUARY THAT EXECUTES ONE OF THE THE BROWNES DEPENDING OF MET.

This activity can only be used in a francium and is equivalent to the ip activity.

(2) FLOW SWITCH ACTIVITY

BRANCHES. Out of these BRANCHES, only one is executed BASED OF the Steciples condition.

This Activity can stry se used in a Franciages and is convinuent to the Switch activity

2005 IN FLOW CHARTS

LOOPS are structures used to automore defethine tasus.

- A PART COURT SECTION IN THE FLOW CHART KIND BE REQUIRED TO PERSONN

 DEPENTIVE TASKS.
- IN FLOW CHARTS, THE SINGLEST TYPES OF LOOPS CAN BE CREATED BY

 CONNECTING ONE ACTIVITY TO ANOTHER. GENERALLY, CONDITIONS AND

 USED IN A PLAN DECISION ACTIVITY WITHIN THE FLOW CHARTS TO RUN

 A LOOP A SPECIFICA MINBOL OF THES.

However you can coeme was in from Chart without which any

Nesting FLOWCHARTS

Neshus is used while opening earlier walkers as it aways locally during of the process and primares the usability.

Therefore, it is recommended that you are servered with the from that and servered with the from the servered with the servered from the s

ERRORS AND EXCEPTIONS

AN edien is any the of overt mat prevents the recover execution of a property

Some of me enrows:

- (1) Stop the execution of A phocess
- (1) Delay the execution of a process
- () Whertere with the execution what having a clear infact
- 3) STATEM EDICE > THE CORPILER /INTERPRETER CONTINT PARSE THE WRITTEN CODE
 11-TO HERMINGFUL CONTINER INSTRUCTIONS.
- 2) Uses Emal = where the servable peremites that the user's industry is not acceptable for some reason
- 3) PROGRAMMING FOLIA: UMBRE THE PROGRAM CONTAINS NO STATESY ERLAND BUT
 IT DOES NOT PRODUCE THE EXPECTED RESULTS (= BLGS)
- FIGURE A NATIONAL OFFICE AND FOR WHICH THERE CAN BE A MECHANISM TO ITEMSFY AND ADDRESS THEM.

Exception handling necession before to:

- 4) HOW TO PREVENT AND/OR RESPOND TO EXCEPTIONS
- THE EXECUTION.

Types of Exceptures:

() Application on System Exception

IT DESCRIBES ON ERROR ROOTED IN A TECHNICAL ISSUE, SUCH AS AN APPLICATION THAT IS NOT DESIGNATING.

THIS TYPE OF ERROR HAS A CUANCE OF BEING SOLVED SANGED BY RETAYING THE MANSACTION, AS THE APPLICATION CAN IMPRECIBE.

It can be hanged by powering good parting contentions for activity activities and computations. This helps in tracking the activity that caused the exception.

G) Business Exception

THE ANTOHOTION PROJECT DESCRIPT ON IS INCOMPLETE, HISSING, OUTSIDE OF SET BOUNDARIES, OR DOES NOT PASS OTHER.

DOTA VALIDATION CRITCHIA.

IT IS AN EXCEPTION FROM THE LEVAL PROCESS FLOW, AND THE VALIDATION IS WADE EXPLICITLY BY THE DEVELOPOR INSIDE THE WORLD FLOW.

The text in the exception should coursin enough information for a human user to understand what happened and what action needs to be taken.

EREOR HANDLING APPLOACH

OR INTERFERE WITH THE PROSECTED EXECUTER. CHENTS THAT INTERMENT

The afferent Appropries are:

- (1) STOPRIE THE EXECUTION
- (2) Executive specified would write the workflow
- (3) ESCHLATING THE SEVE TO KUNKAN EPERATOR

Studio oppers 3 activities to hance epicons:

- (3) Tey Carrey
- (2) Remy Score
- (3) GLOBAL EXCEPTION HANDLER

TRY GTCH

THE ACTIVITY CATCHES A SPECIFIC EXCEPTION TYPE IN A SEQUENCE AND CONTINUES THE EXECUTION.

THE ACTIVITY WAS 3 HOW SECTIONS:

(3) Tey: THIS WOLDS THE ACTIVITY THAT COULD THROW AN EXCEPTION

- (2) CATCHES: IT SPECIFIES AN ACTIVITY OF A SET OF ACTIVITIES TO BE PERFORMED WHEN AN EMBOR OCCURS.

 IT WAS AN "EXCEPTION" SECTION WHERE THE EXCEPTION TEMPES ARE DEPICED, HERE HOUTIRE EXCEPTIONS ON BE ATTED.
- (3) FINALLY: IT HOLDS AN ACTIVITY THAT WILL BE EXECUTED ONLY IF NO CREDE S ALREADY CAUGHT

Remy Score

T RETTHES THE CONTAINED ACTIVITY AS LONG AS THE CONDITION IS NOT HET

- (c) It is used put carculus and happeing at other , comes is used it's since a potton."

THE 2 MAIN PROPERTIES ME:

- 2) Numer Of Retails: Lauren of times the scannoc is to be retailed
- 2) Fear Interval: Specimes the grown of the to mait Between

Course or Enson Photeery

- IT'S A PROPERTY FOUND IN THE ADMINIST IN STUDIO. IT'S USEFUL FOR ACTIVITIES
 THAT WHILL WITH UI (LITERACTIONS.
- It'S THE EASIEST WAY TO JUSTIME THE WORKFROW TO CONTINUE, EVEN IF THE ACTIVITY THROWS AN ERROR
- THIS PROPERTY DAY SUPPORTS BOOLCH VOICES. IF "TWE", IT CONTINUES
 THE EXECUTION EVEN IF THERE ARE SOME EMEAS.
- THROW AN ERLOR ON THE LAST PAGE.
- 17'S USED WHEN THE USER IS NOT WITE RESTED IN CAPTURING THE EMERY, BUT SUMPLY IN THE EXECUTION OF THE ACTIVITY.

01/06/24, 11:55 OneNote