01/06/24, 11:51 OneNote

Data manipulation w/ RPA

giovedì 16 maggio 2024 14:47

Variables

The most corond times of variable are:

Struct, integer, array, three are time, boreau, data taries

.) Date and the maniable

FEMERICS THE USER TO STOLE WHOMEN AROUT AND DATE AND TITLE.

GENERALS USED TO CALCULATE THE MARKET OF DISS RETUREN TWO DATES,

STOLE WILLIAM DATE DETAILS, CTC ...

·) DATA TABLE VARIABLE

CH SIDE TOBLER DATA IN DUS AND COLUMNS

TIRCHUS USED TO KIGGARE BATA FIRST ONE DATABASES TO ANOTHER,

ORTHOGO WHOMATION FROM A WEBSITE AND STORE IT WANT IN

A SPREADSHEET.

3) Queue tren variable

STREES ON ITEM THAT HAS BEEN EXPLACTED FROM A COMPARTER OF ITEMS CALLED A BLUEVE. THROUGH THIS EXPRISATION THE USER CAN FURTHER USE THE RUEVE HERS AND OTHER PROCESSES.

|T'S A PROPRIETM'S NAMBLE OF UPPATH

VARMOUS PANEL: EMARLES THE USER TO CREATE VARIABLES AND HUTCHY THEM.

It's water at the Bottom of the Designer Panel in Studio.

If a user remaines a variable, it will be remained in the undances used.

Scope of the user specifies the region in which the variable call be used.

Omer was to topiche harable:

HESSAGE BOX -D CTRL+K -> HOME ME MARNEW

ASSIGN YAWE

- o majough rue Valurque parec
- → Sequence we " Assist & Actuity AND DROP IT

Anwherts

Anguneus me used to last para prot one workhow to anomen 85 stours we have dynamically.

VARIABLES 1965 2914 Berucen Activities, coming Ascuments Ages 2910 Berleen warpeas.

Anconors quake users to noise authoria workhous; here mey on se Accessed anside the moon from I which they are defined and they are neighbly in Antontian Prosects consisting in Hulter workhous They have me sake day thes and they support the same thempoly AND PROPERTIES.

PROPERTES: NAME; DIRECTION; TUPE; YAME

Direction of as anothers and use to 1965 data Between workfrows, The user needs to specify the direction from and to which me data is passed.

to Discours or se: it , sur , it/our

Animens pave etables to there alcutous and ready them.

ALDRED WAY TO COLUTE ARCONOUTS:

HOSOGE BY -> CTILL + H -> HOTE THE ADWINER

ADMINEUT DIRECTIONS

To be from to Build a lance Prosect with A surve work from. As a best percice developers grean the phosect into humble SHAWER WORKHOWS THAT ARE HAMAGERE WHILE WORKING WITH KNUMPLE WORK FLOWS. A DEVELOPER HAS HAVE TO PASS PASSA DETULEN THEY.

The director property of an archiest determines whether a WALLELOW WILL USE THE ATTENDED TO SEND DATA TO ANOTHER work from an necesse same fast sware collisions.

There me 3 types of directors:

1) by: Director uses to beceive Dotal

D) Out: Dinocres uses - semp data

DIN/Ox: DIRECTO THAT ALOUS AN ARGUHENT TO WORK GOTH WASS.

Example

o we will; we will a come different the (-) CREATE 3 ARGUNEUTS : ") AT . SUM WIM DIRECTION OUT

(-) Hew seemence with Assign Activity

Lo our_sut = 14_14 1 + 14_14 2

Sevent rus seemence And sover "Extender of a workfrow"

OneNote

- (-) Chefte 3 whoshes in the thin section : (1) In 2 3 40
- E) Check IHPORT ADOUTENTS

LD Pass we wave of me wrugue in example the piece in the same free in the piece in the same free in the same

DATA MANIPULATION

IT'S THE PROCESS THROUGH WHILM THE DATA IS ALTERED USING WALLAS EPOLATIONS IN ORDER TO ESCULTABLE ITS USAGE.

EXAMPLE: CONVERT AN WIEGER TO A STRIPE USING ". TO STRIPE"

(-) Septem FOR IMPUT DIALOG IN THE ACTIVITY PAMEL.

Lo choose me MARIAGLE NAME AT ROWTH C

- (-) ASSIGN INT_SUM = INT_FINST Mager + INT_Second Mager
- (3) ressace box = "The airly is: "+ incum. To Sming

Some MANIPULATION

of two specified objects

Stand. Coucar (Var. 0 , Var. 2)

) Communs memons: checks whence a speaked substitute ocurs when

VAC , WARE . CONTRINS (" BUMA 51")

e) FOUNT METHOD: COMMENTS THE NAME OF DESECTS TO STRING BASED

ON THE FOUNTS SPECIFIED AND INSERTS MEN INTO

AND INCREASES READS BUILTY.

Some. Former (" {0} wes in {2}", Wizo, VAR_2)

occurrence of a character in a stime.

NOT = "SMITH" ; NATE , LUDER OF (" ;") = 2

3) DOIN HETHOD: CONCORDINATES THE CLEMENTS IN 4 COLLECTION AND

DISPAGES THEM AS A STRING

471. VM = {" warene", " to" }
Lo Staire. Join (" ", AM. VAZ) = " werene to "

and depended it with a smell smith.

whe = " Shim Jones" ~ whe. Perace ("Shim", " Branow")

Lo note = " Branow Jones"

*) SPLIT THETHOR : SPLITS A GRANG INTO SUBSTRANGS BASED ON A CERTAIN CRITERIA. THIS SEPALATOR COLUM BE A SPACE, A COMM, A FULL STOP.

exp = "Welcome to U.Parm" -> vap. Spent (" "C) (2) = U.Parm

Lynnoex at sussmire

to take

DESTRUCT METERS: EXTRETS A SUBSTRUCT FROM A STRUCT USING THE STORTING INDEX AND THE LENGTH. Used TO SOLATE OF SEPARATE A SUBSTRUCT FROM THE OLIGINAL STRUCT.

MAR = "Weccone to U. Porn" , was . Sugarate (0, 7) = "Weccone"

Struck Acronges in Sprao

Modey Text Activity: updates a text value using transfications in abund find and reproce, that, consume at concentenating with another text value and change to offer ar lange care.

Regum Expression (Reg Ex)

It's a specific seam patient that the uses to exect herein, lacete

and hanage text.

Ir or se uses soe:

STAWG PASSING
DOPA SCALPING
STAWG HOUNDSTON

9 her Ex guiven we some Activities

1) Marches: Septiles on what sature for an occurrences and neurons on me successful nationes.

THIS ACTION'S CAN BE USED TO PLETTHENE ALL THE ENTITIES AND USE THOSE FURTHER.

2) 15 Nation: Indicates unemen the specified necesiar expression pros

- A TRUE OR FALSE YOUR.

 This actuits on serve as a condition for anomer actuits.
- 3) Replace: Replaces states wat nation a account extression pattern with a specific replacement states.

 This admins on the uses for safe authors proposes.

o Reg Ex guilden whose

The without hours ease me traces of buttons and resting Regular Expression serial criteria.

The Debt with a course steves from the Body of equilibrium.

The use interface of the burner was 3 sections: The value and augusticers four expression

- 1) Test text: The user can test the chasen search chateria assinst the text on which Reg Ex is applied.
- 2) Type who and anothers: user on choise me hear extressions thre, who are our frequences.
 - \$ Type shop bound among september of Gluen text on one expression prof happy. It can be confidenced to seather only at the Betarrow of all the expressions for orders, URL, US order and US prove linears.
 - 3) The your field coursins exactly the text that needs to be demiced.
 - THE QUAPTIFICAS DROP DOWN LIST ELMBLOS THE USER TO SELECT THE
 - L> (-) Exactly: Select BY exact Arount of consecutive occurrences

 The usen wants to pipo.
 - ES ANY: WELLIGHTS ANY MATTER OF CASSECUTIVE FROM FROM 3 CRO.
 - CO AT LEAST ONE: HIGHLIGHTS AND WHOLE OF CONSCIENCE FORMO
 MATCHES STARTING FLAN AME.
 - ET PERS OR THE : ONLY HIGHLIGHTS A SUGLE CONTRACTURE SCHOOLEURE

E) Berney X mo Y 1445: MUHLIGHTS THE MUTGER OF CONSECUTIVE SCORR DICES SELECTED

3) Full Expression: Displays me calcer heats expression in 175 and form.

IN THE PROPERTIES PANEL of THE HATCHES ADDIVITY SELECT THE IMPUT HESSIGE AND THE OUTPUT VARIABLE

DATA TABLE MANIPURATION

A DOTA TABLE IS AN IN-MONORY DEPRESENTATION OF A SIMPLE DATA BASE TORLE THAT HAS A COLLECTION OF ROWS AND COLLINIS.

Cowners are openified through continuences and rows through lungers.

In State mere are number upon to create Dam Takes.

- 1) Bullo Dora Tarzie: This activity Bullos a Religible Symboline Poil a Dora Topic Vising a Detalated wimbour. It always the activities of several country and type of Dota top each country. The use on continue each country with specific oftens.
- 2) Read Rance: This activity reads the path from an existing five, capies the content of a worksheet of a selection from that worksheet and street in path that worksheet and street in path that worksheet.

 The Dom Table horizole can be created directly from the Properties paper using court is shortain.
- a) Read CSV: This activity neads the content of a CSV moning as
- 4) DATTA SCRAPING: IT eNOSLES THE USER TO EXTRACT STRUCTURED FROM PRIME A BROWSER, APPLICATION SE DECEMBENT AND SPORE A IN A DATTA TABLE.

DATA TABLE ACTIVITIES

The wart data by specifying the data three and companying the shrips.

- ") And Dam Bow : whis man on Be of Dam Row the of on Be entered as an Array Row By majoring each object with the fam the of each could
- Specified Data Table and returns the Rowlines the union of which the war found of the configuration to return the value from a central of the configuration of the configuration
- Fires Date Trace: A wows furening a Date Trace through a fire Wigham, using various constitues. This activity on the constitues to check the outful of the activity, as to see the pull existing are and fixed but at accept the entries.

 That Do Not Match the Fireleing comparions.
 - DATA TABLES: IT COMBINES FROM TWO TABLES BY USING NAMES

 CONTINT TO EACH OMER. It is one of the most useful activities

 IN BUSINESS SCENATIONS, WHERE WERKING WITH TORRE THAN ONE

 DATA TABLE IS YEAT CONTINU.
 - Theree Dara Tasse: IT IS used to Herce a specified Dams Tasse with the current Dama Tasse. It provides four types of error to take when Hercourt: Addition, IGHORPY, Returner on clude.

 AND YORKING WAIT
 - Devenue Dam Table: cheares a Dam Table variable from unstanctivated data, By Leming the user indicate the Row and cownin separations. This option is emmenely useful over data to captured from scanner dataset on very surprise.
 - THE ROUS IN A DATA TORUS AND PERSONIS THE SAME ACTION.
 - I here Dan Torgee: crean are the than orthes in a Para Targe.

 It can be used separ than Dana Torges har are used as

 Interne Diany torges for dang move to anomice.
 -) OUTPUT TABLE: USED TO WRITE A SPECIFIED THAN TABLE WITE

A STAIRS VALUES TO T

OPTER SEVERAL HOWQUIATENS, A DATA TABLE CONTAINS ONLY SEVERAL HUMBERS.

- Dentified By their work and the County and Be Azzardiany Dentified By their work.
- ·) Rowe Repurgre Rows
- SORT DAM TABLE: USED TO SORT DAM TABLES USING A SPECIFIC COWHY AS THE CRITERION. BESIDES INDICATING WHICH COWN TO USE IN THIS TRESPORT, THE USER CAN CHOOSE WHETHER THE SORTING WILL BE DONE IN ASCIPLOTE OR DESCRIBING CILLER.

COLLECTIONS MANIPULATION

A COLLECTION VARIABLE REPREDUTS A SET OF SITTIVAR DATA THE ITEMS IN A SINGLE WIT USED FOR GROUPING AND HAMBING THEM.

Different types of Conecon variables are : AMAS, USTS, DICTIMARIES

- 1) ADD TO COLLECTION: ADDS 40 LITER TO A SPECIALD COLLECTION
- Dereve From Confection: Notiones on 1787 From A Specifics confection and Compared A Boscer variable That confines the Specific of the Notional openiation
- •) Exists in Conecan : indicates whether a given then is present in a conection by outputting a Booken as a resort.
- 3) CLUM COLLECTION: CLEATS A SPECIFICA COLLECTIONS OF AN ITOMS.
- . Lists = data structures consisting of objects of the same data type
 - 1) ADD any necese creas
- u) Sours me obsect
- 2) Searcy for An Isen
- 6) Emmerme were and concerns mer

OneNote

3) Loopur masses we steels

To order was titles.

Type = List (T) and choose source

>) Chease new list:

DEPOSIT = New LIST (OF STRING) FROM & "FROM", "AL"]

-) Cheme temp list is some TSIR, DEPAULY entry
- o) I home Hernay =D o) Tancer Type = (Nom)
 - 1) Toroet Obsect : Source LIST
 - .) Harnes Nove = Set / Revense
- .) Assign: Templist = Stuper- 457, GerRance (0,6)
- .) Messace Box: Struct. John (",", Toop List. To Annay)

. DICTIONARIES

is a coulcrow of walks and their technics or Definitions. THES CONSIST OF KEY AND VALUE PAIRS IN WHICH THE KEYS ARE WHENE

- 3 4000G and decents (Key, vame) PAIRS
- .) Remum me vane associates win A key
- .) The assemb were values to existing acys

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