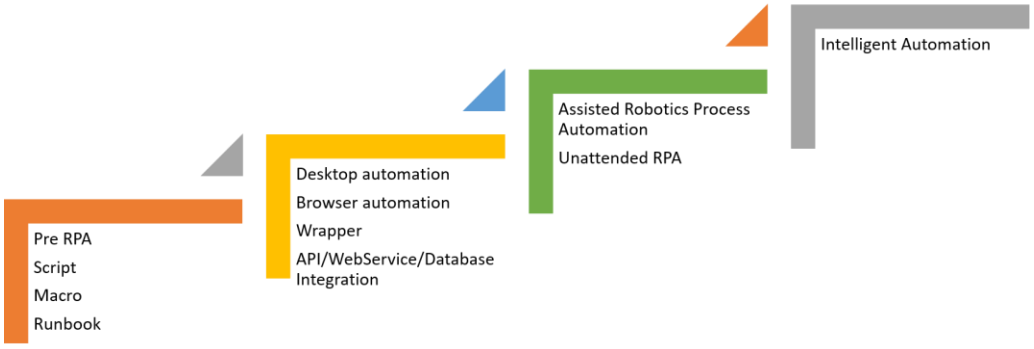
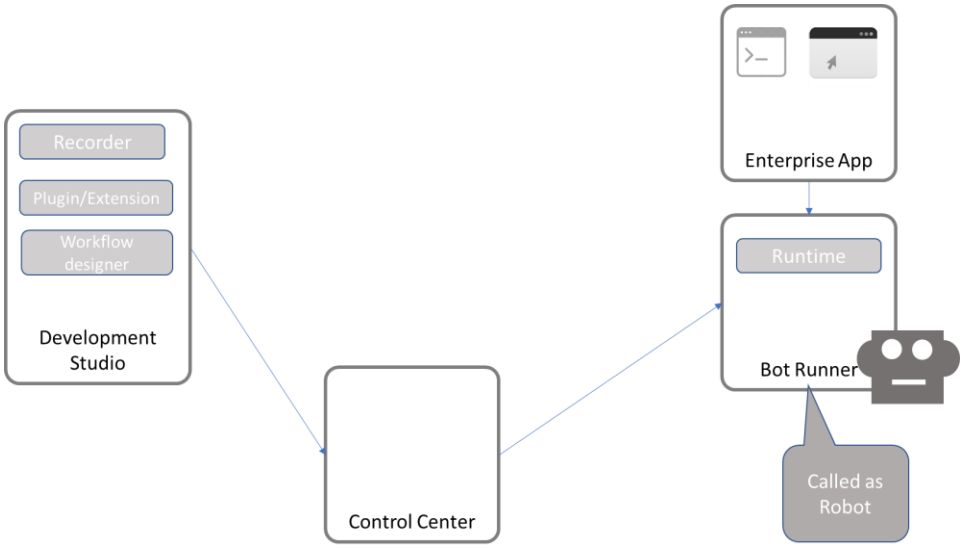
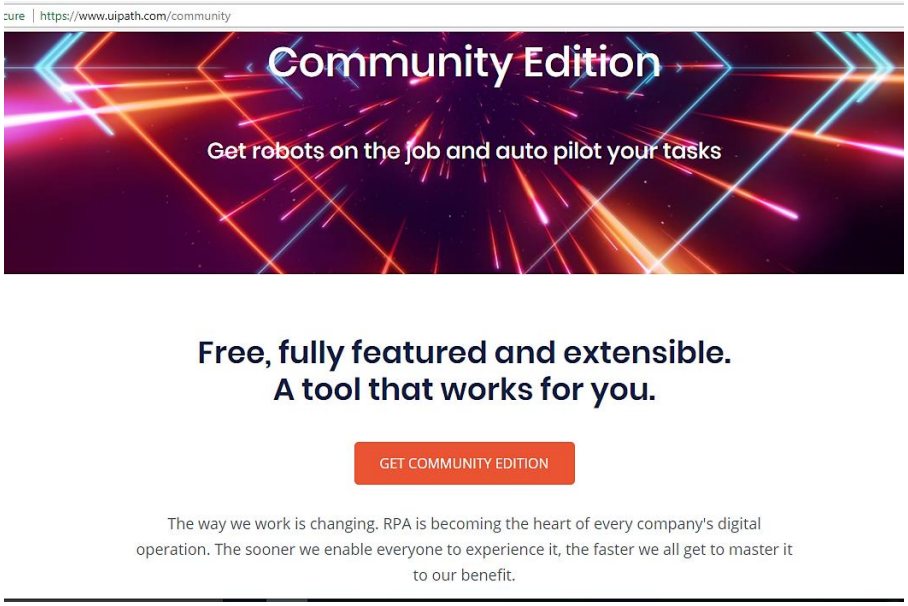
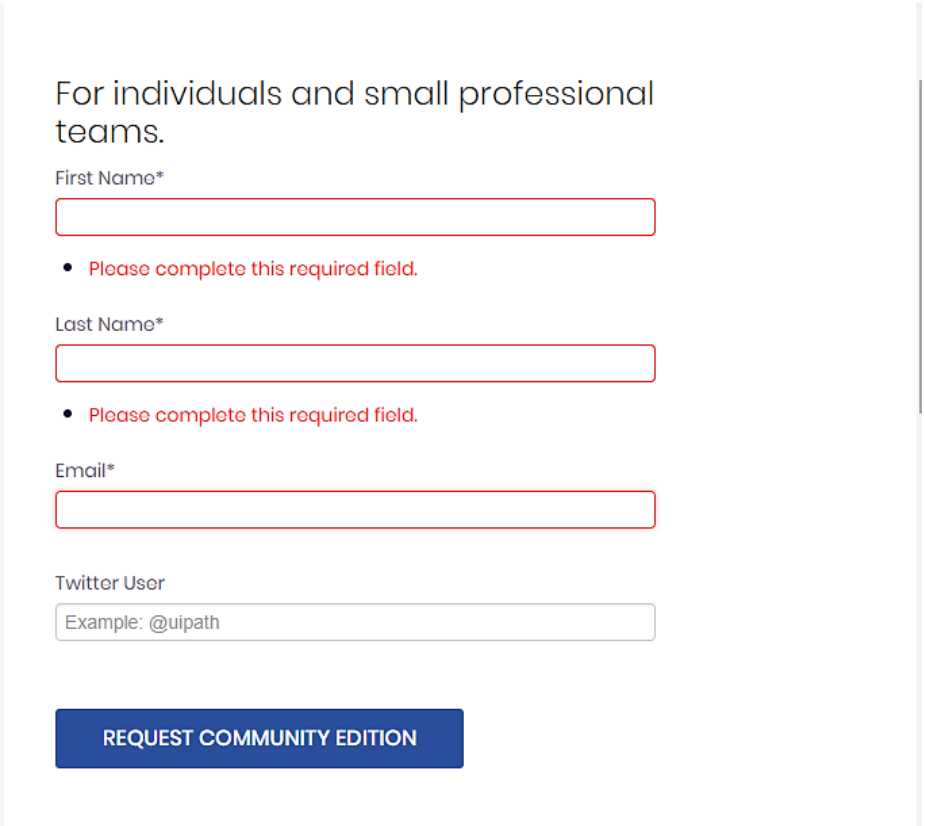
Chapter 1: What is Robotic Process Automation?

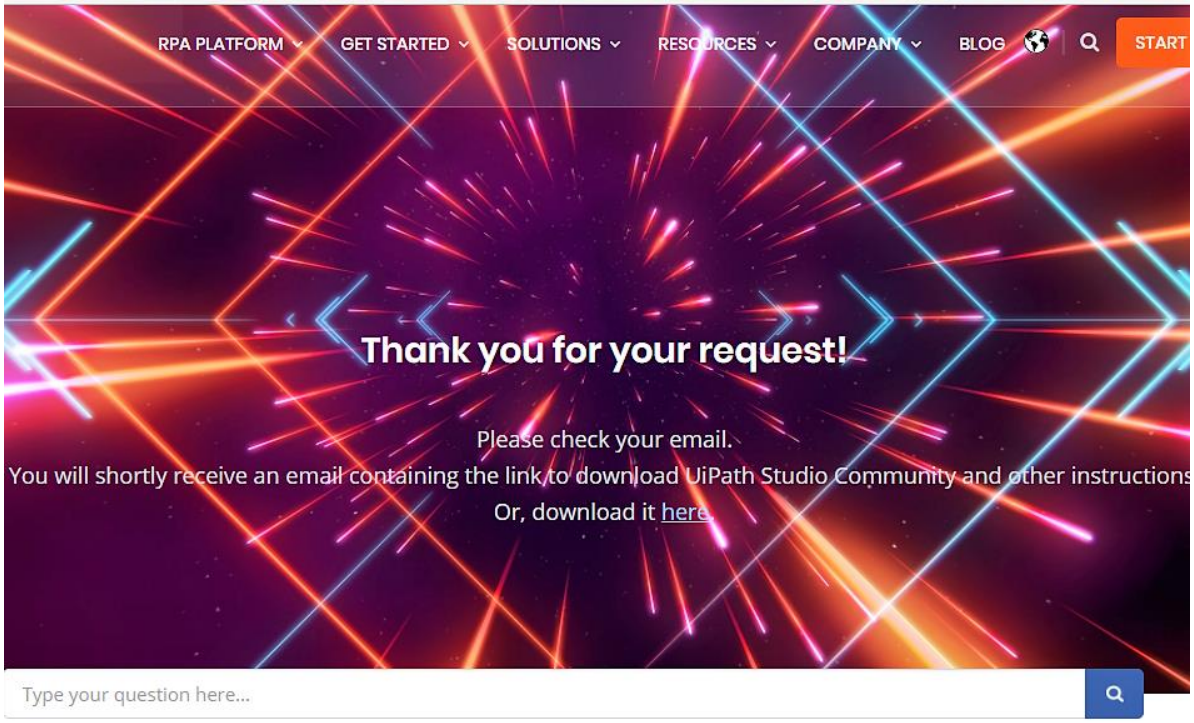


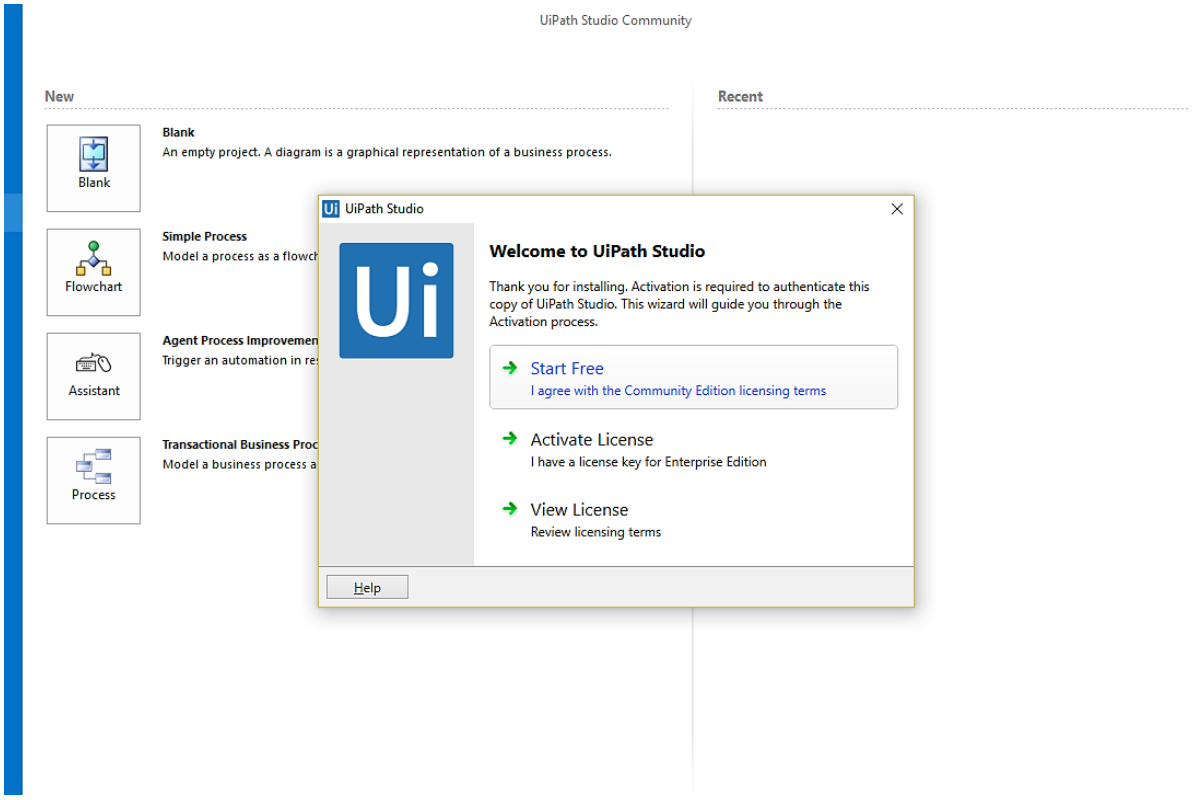


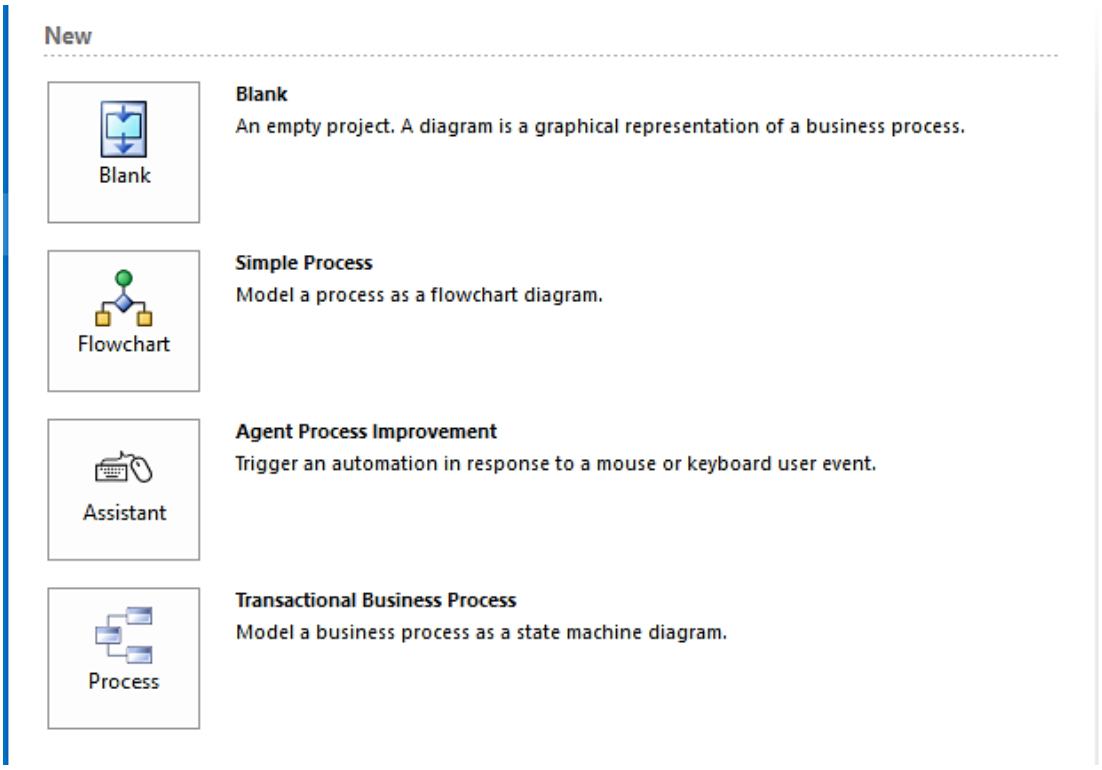
Chapter 2: Record and Play

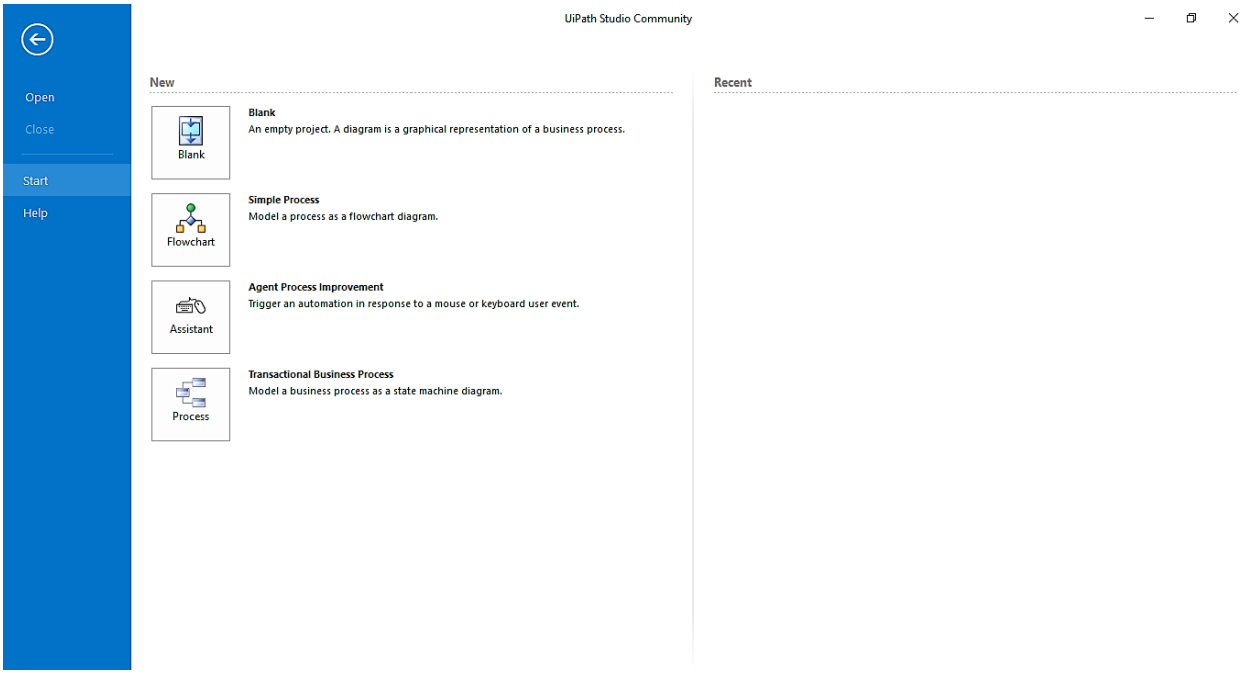


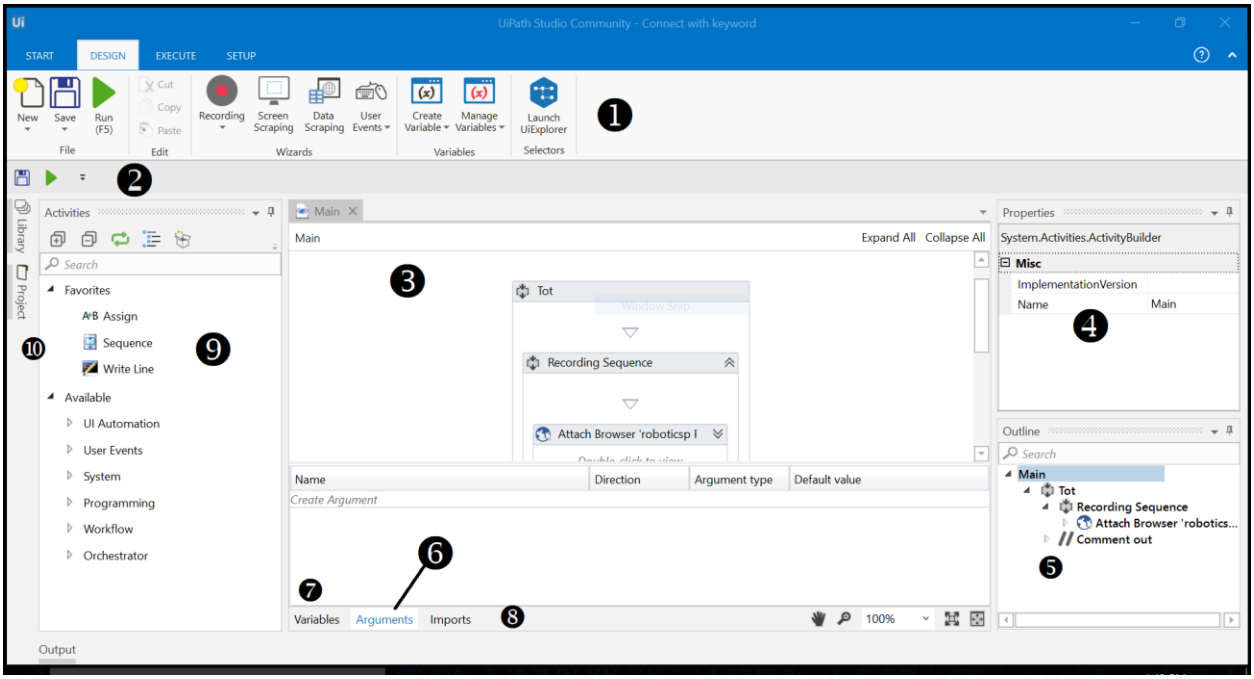


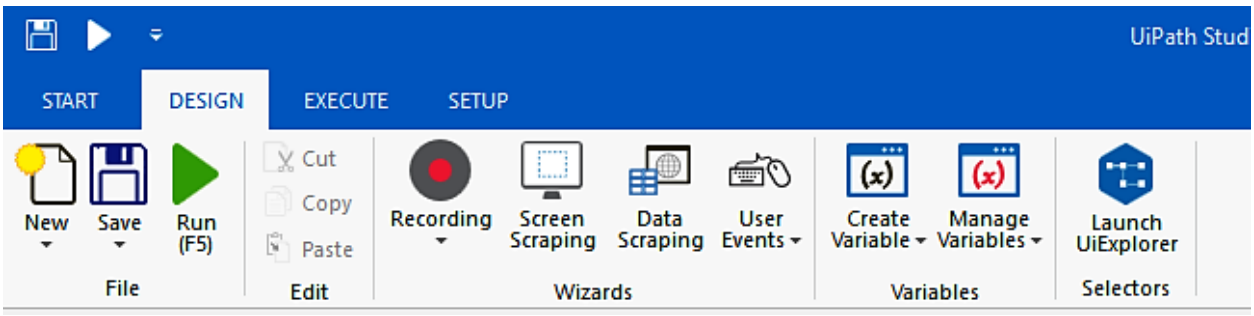

RPA PLATFORM
GET STARTED
SOLUTIONS
RESOURCES
COMPANY
BLOG
START
Thank you for your request!
Please check your email.
You will shortly receive an email containing the link to download UiPath Studio Community and other instructions
Or, download it here.
Type your question here...

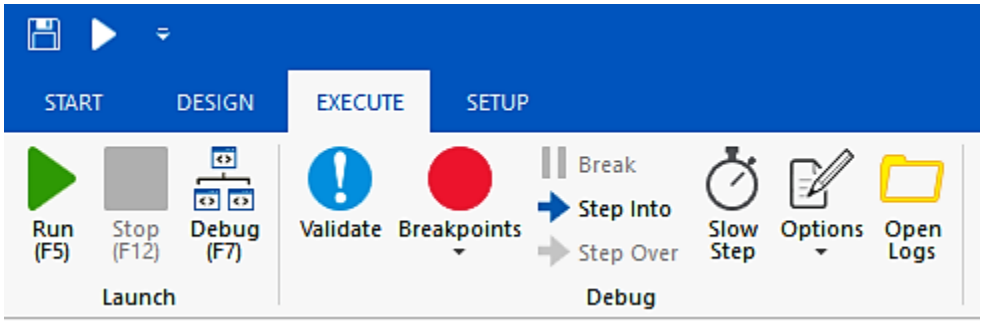

UiPath Studio Community
New
Recent
Blank
An empty project. A diagram is a graphical representation of a business process.
Flowchart
Assistant
Process
UiPath Studio
Welcome to UiPath Studio
Thank you for installing. Activation is required to authenticate this copy of UiPath Studio. This wizard will guide you through the Activation process.
Start Free
I agree with the Community Edition licensing terms
Activate License
I have a license key for Enterprise Edition
View License
Review licensing terms
Help

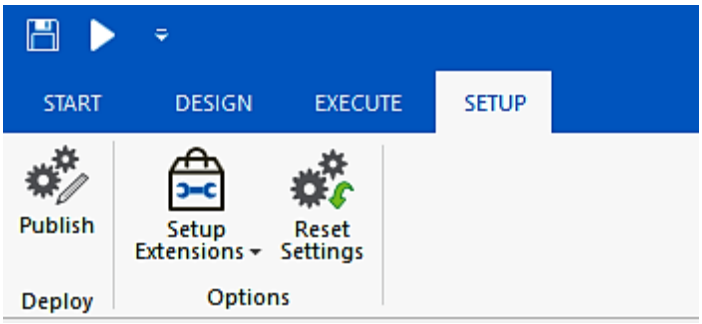

New
Blank
Blank
An empty project. A diagram is a graphical representation of a business process.
Flowchart
Simple Process
Model a process as a flowchart diagram.
Assistant
Agent Process Improvement
Trigger an automation in response to a mouse or keyboard user event.
Process
Transactional Business Process
Model a business process as a state machine diagram.

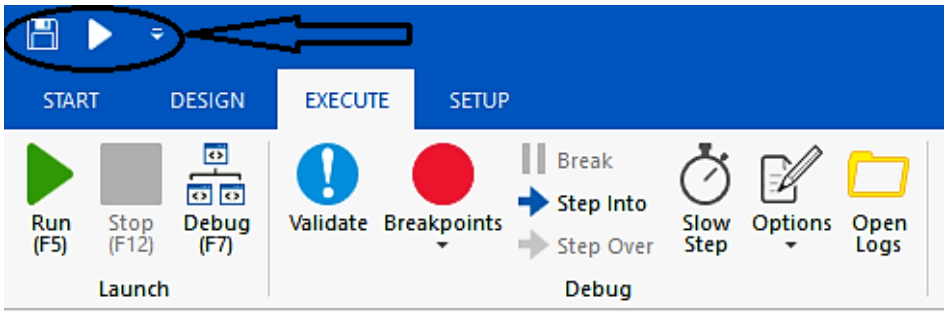

UiPath Studio Community
Open
Close
Start
Help
New
Blank
Blank
An empty project. A diagram is a graphical representation of a business process.
Flowchart
Simple Process
Model a process as a flowchart diagram.
Assistant
Agent Process Improvement
Trigger an automation in response to a mouse or keyboard user event.
Process
Transactional Business Process
Model a business process as a state machine diagram.
Recent

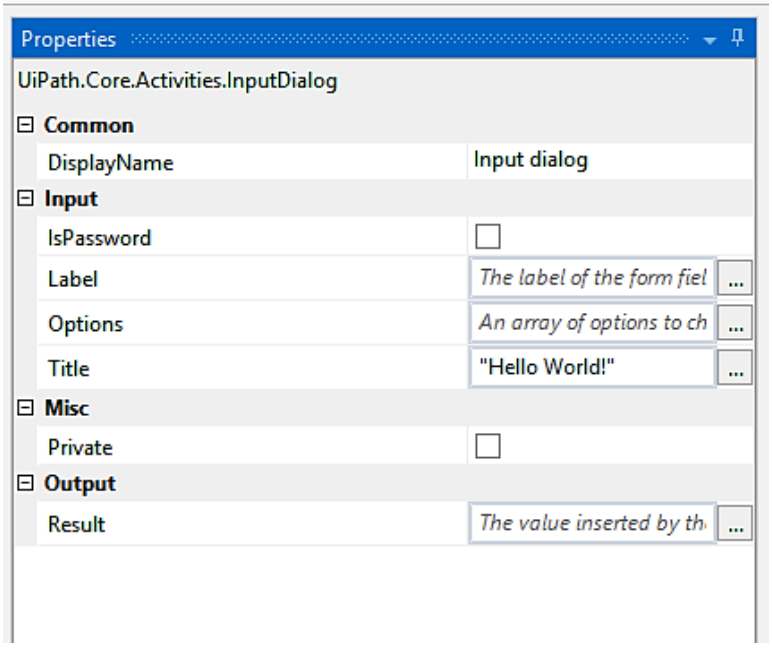

UiPath Studio Community - Connect with keyword
START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
Cut
Copy
Paste
Recording
Screen Scraping
Data Scraping
User Events
Create Variable
Manage Variables
Launch UiExplorer
File
Edit
Wizards
Variables
Selectors
1
2
Activities
Search
Favorites
Assign
Sequence
Write Line
Available
UI Automation
User Events
System
Programming
Workflow
Orchestrator
9
10
Main
Expand All
Collapse All
3
Tot
Recording Sequence
Attach Browser 'roboticsp
Properties
System.Activities.ActivityBuilder
Misc
ImplementationVersion
Name
Main
4
Outline
Main
Tot
Recording Sequence
Attach Browser 'robotics...
Comment out
5
Name
Direction
Argument type
Default value
Create Argument
6
7
Variables
Arguments
Imports
8
100%
Output

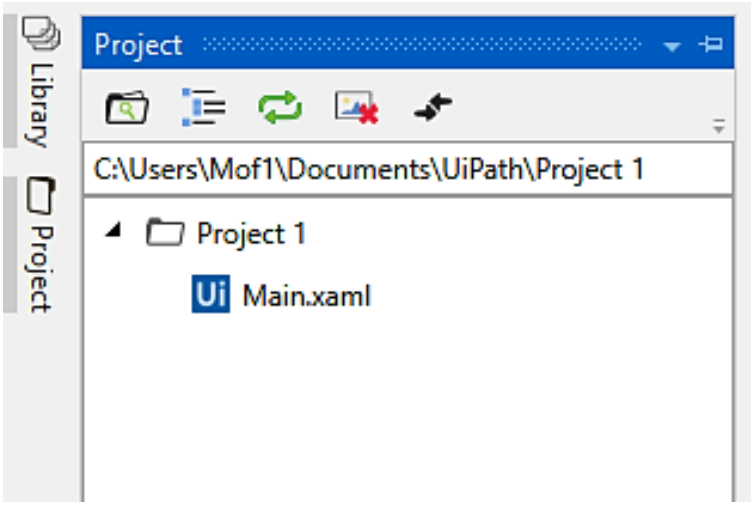

UiPath Stud
START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
Cut
Copy
Paste
Recording
Screen Scraping
Data Scraping
User Events
Create Variable
Manage Variables
Launch UiExplorer
File
Edit
Wizards
Variables
Selectors

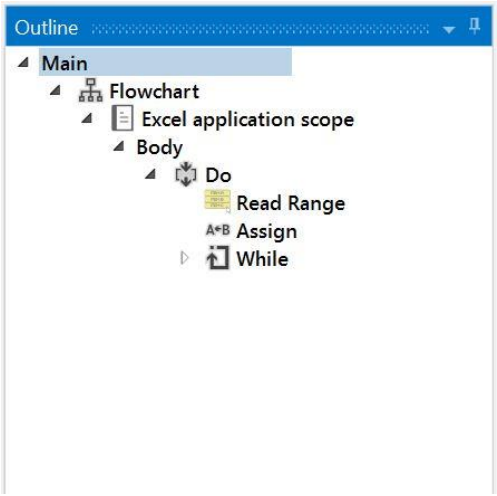

START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Debug (F7)
Validate
Breakpoints
Break
Step Into
Step Over
Slow Step
Options
Open Logs
Launch
Debug

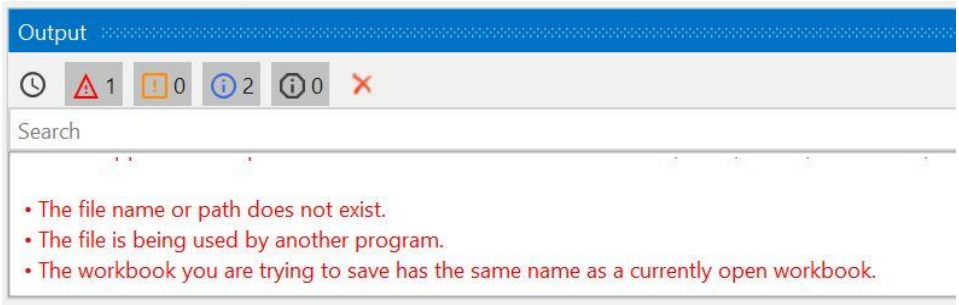

START
DESIGN
EXECUTE
SETUP
Publish
Deploy
Setup Extensions
Reset Settings
Options

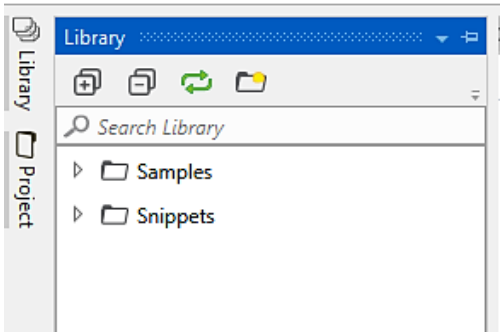

START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Debug (F7)
Launch
Validate
Breakpoints
Break
Step Into
Step Over
Slow Step
Options
Open Logs
Debug

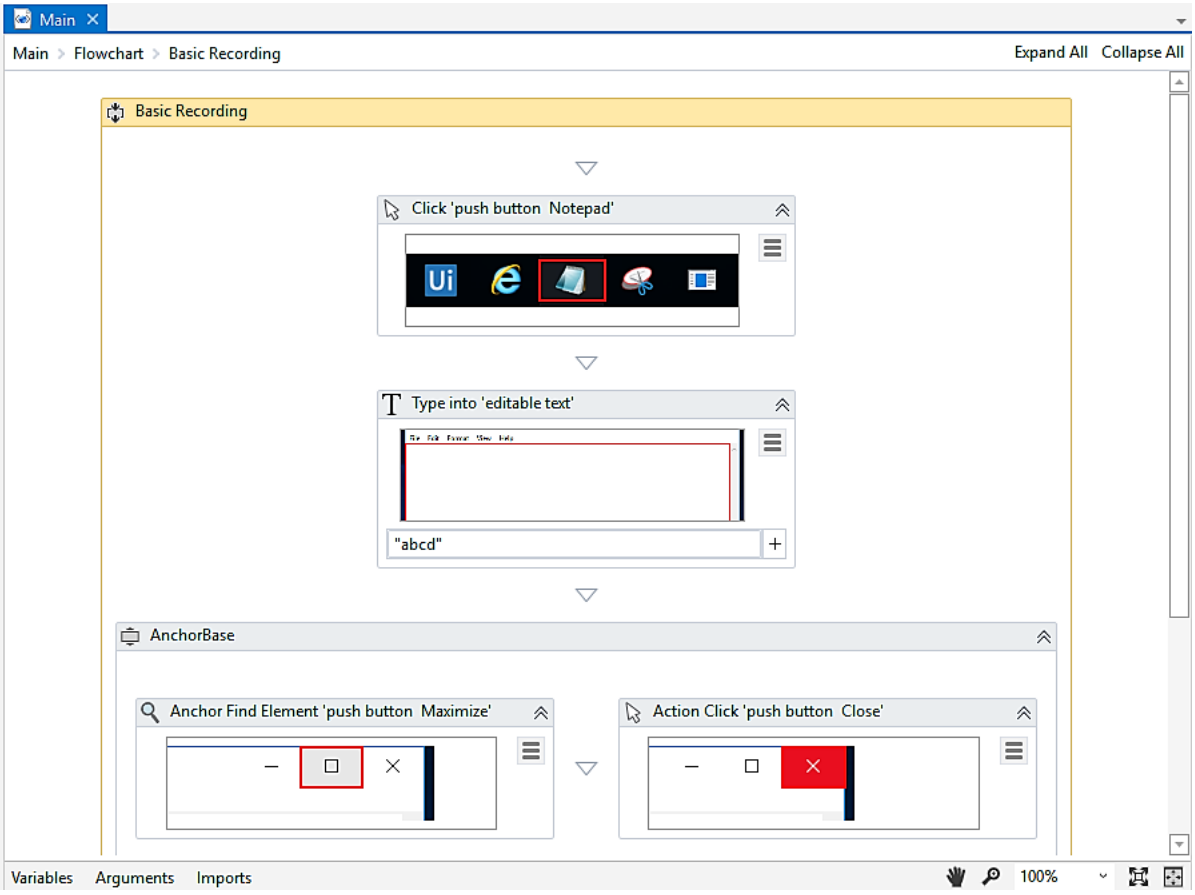

Properties
UiPath.Core.Activities.InputDialog
Common
DisplayName
Input dialog
Input
IsPassword
Label
The label of the form fiel
Options
An array of options to ch
Title
"Hello World!"
Misc
Private
Output
Result
The value inserted by th

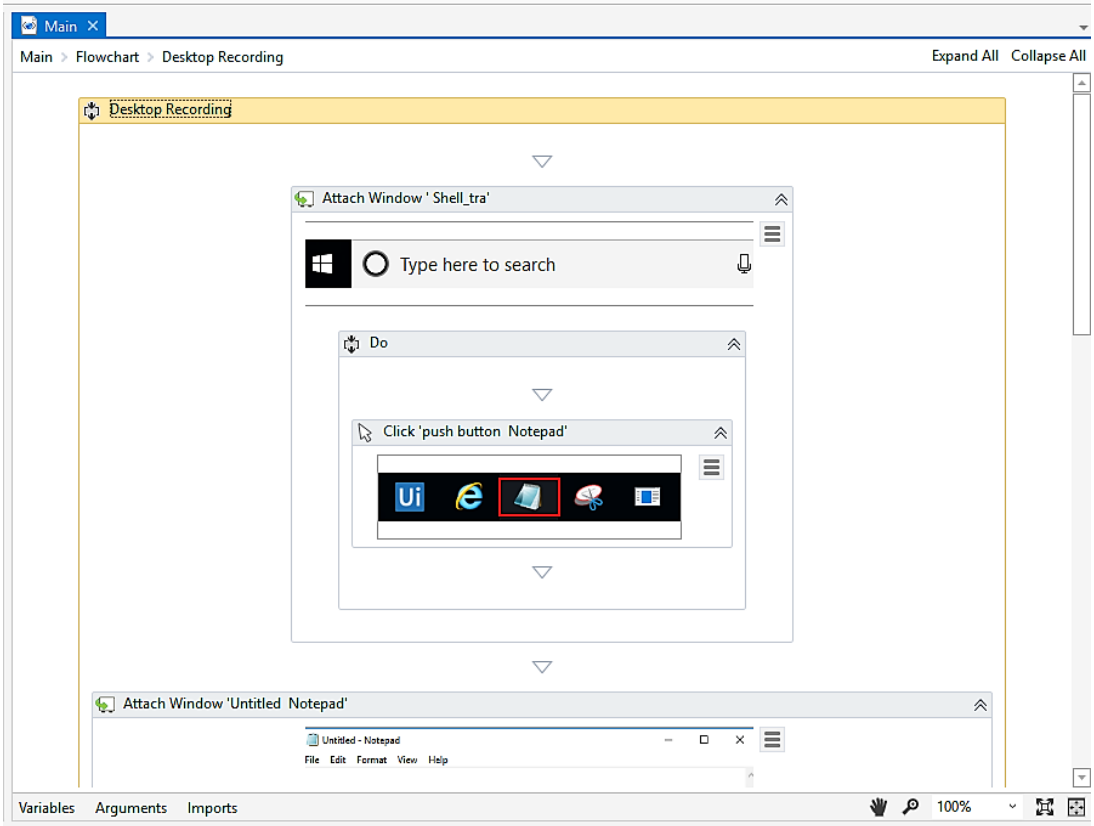

Library
Project
Project
C:\Users\Mof1\Documents\UiPath\Project 1
Project 1
Main.xaml

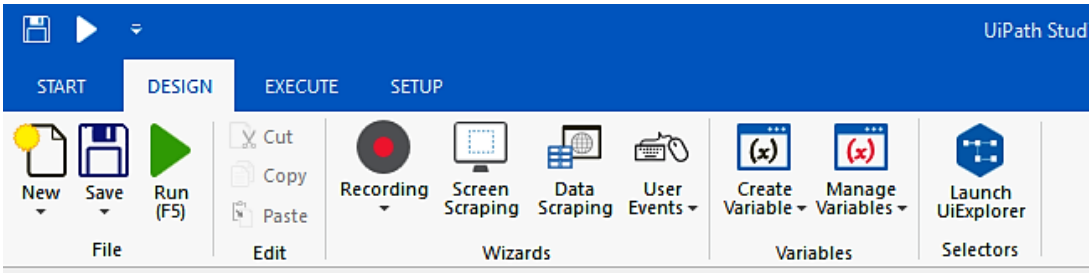

Outline
Main
Flowchart
Excel application scope
Body
Do
Read Range
Assign
While

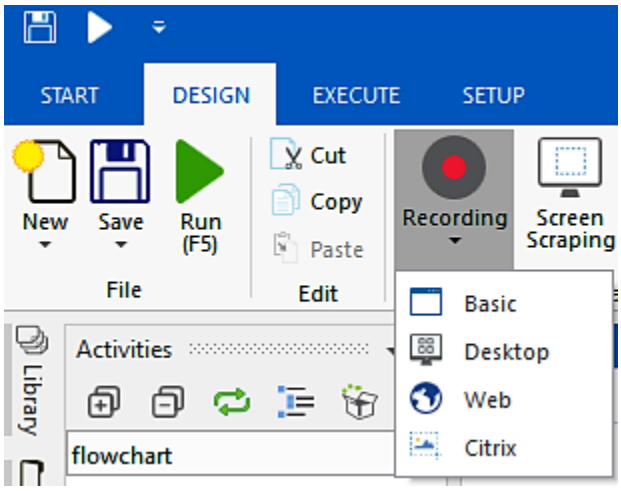

Output
1
0
2
0
Search
• The file name or path does not exist.
• The file is being used by another program.
• The workbook you are trying to save has the same name as a currently open workbook.

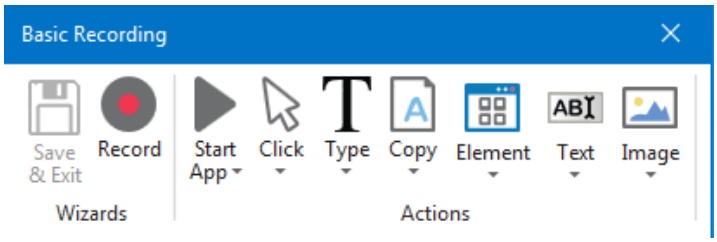

Library
Project
Library
Search Library
Samples
Snippets

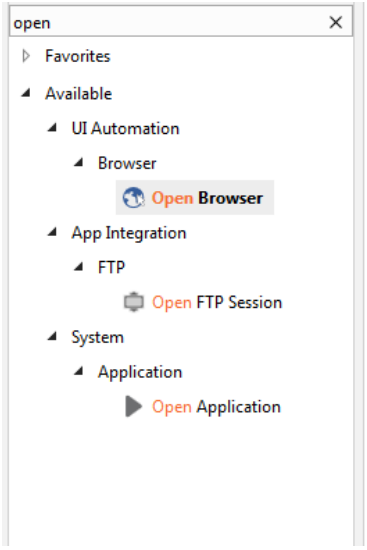

Main
Main
Flowchart
Basic Recording
Expand All
Collapse All
Basic Recording
Click 'push button Notepad'
Type into 'editable text'
"abcd"
AnchorBase
Anchor Find Element 'push button Maximize'
Action Click 'push button Close'
Variables
Arguments
Imports
100%

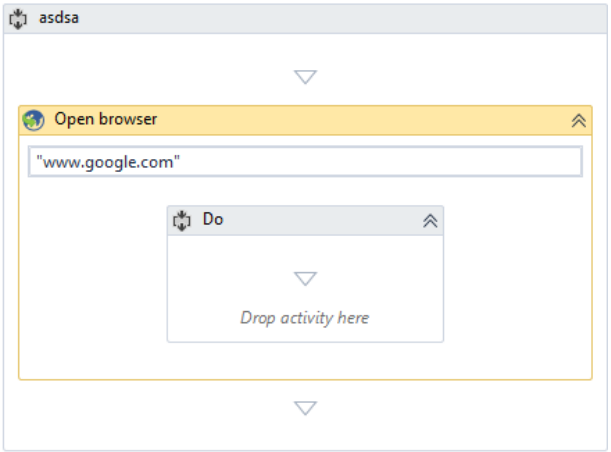

Main
Main > Flowchart > Desktop Recording
Expand All
Collapse All
Desktop Recording
Attach Window ' Shell_tra'
Type here to search
Do
Click 'push button Notepad'
Attach Window 'Untitled Notepad'
Untitled - Notepad
File Edit Format View Help
Variables
Arguments
Imports
100%

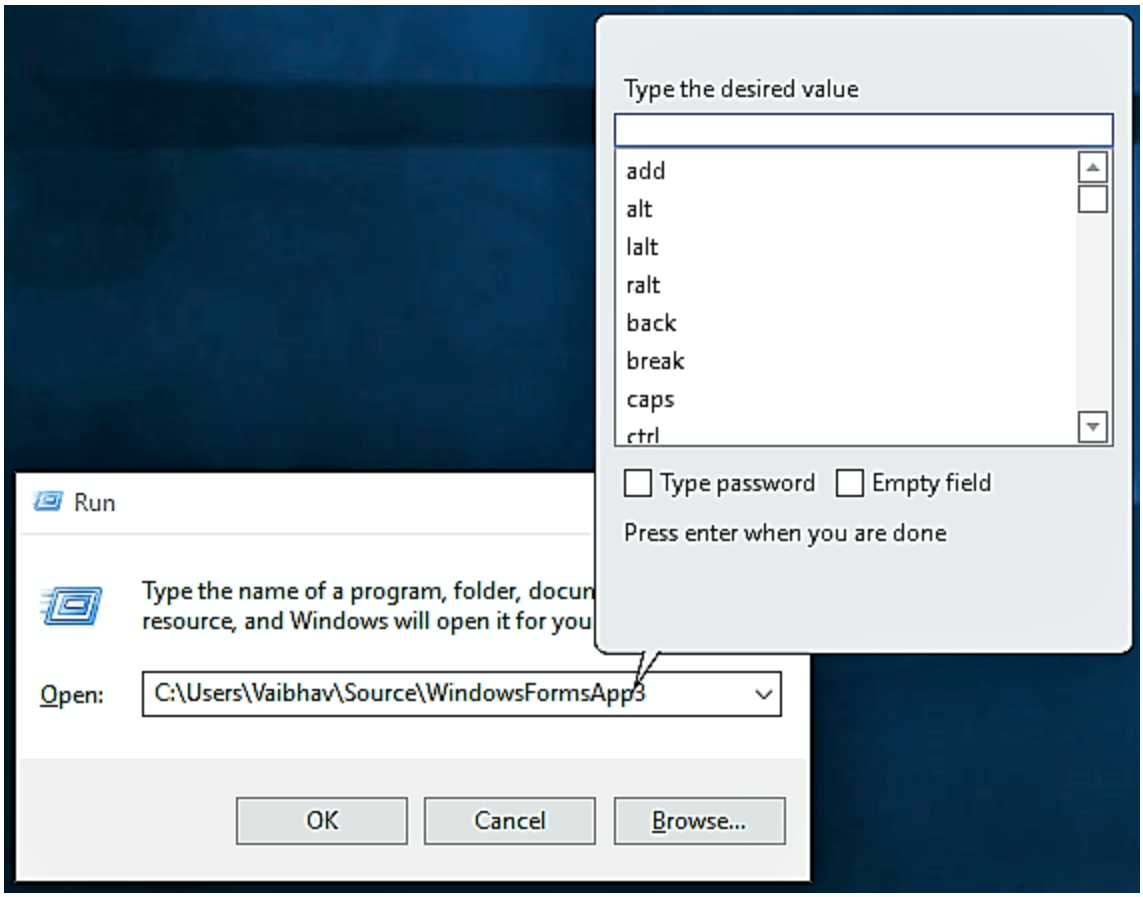

UiPath Stud
START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
File
Cut
Copy
Paste
Edit
Recording
Screen Scraping
Data Scraping
User Events
Wizards
Create Variable
Manage Variables
Variables
Launch UiExplorer
Selectors

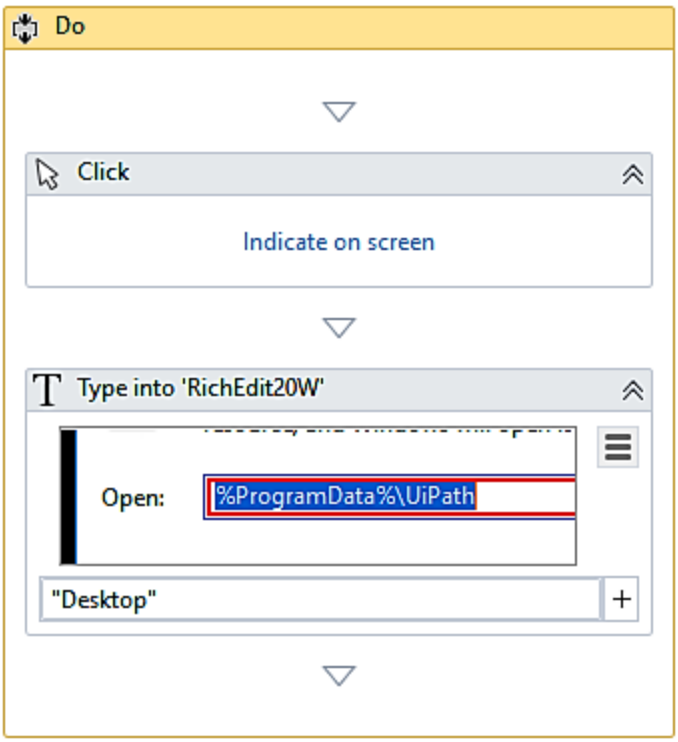

START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
File
Cut
Copy
Paste
Edit
Recording
Screen Scraping
Basic
Desktop
Web
Citrix
Library
Activities
flowchart

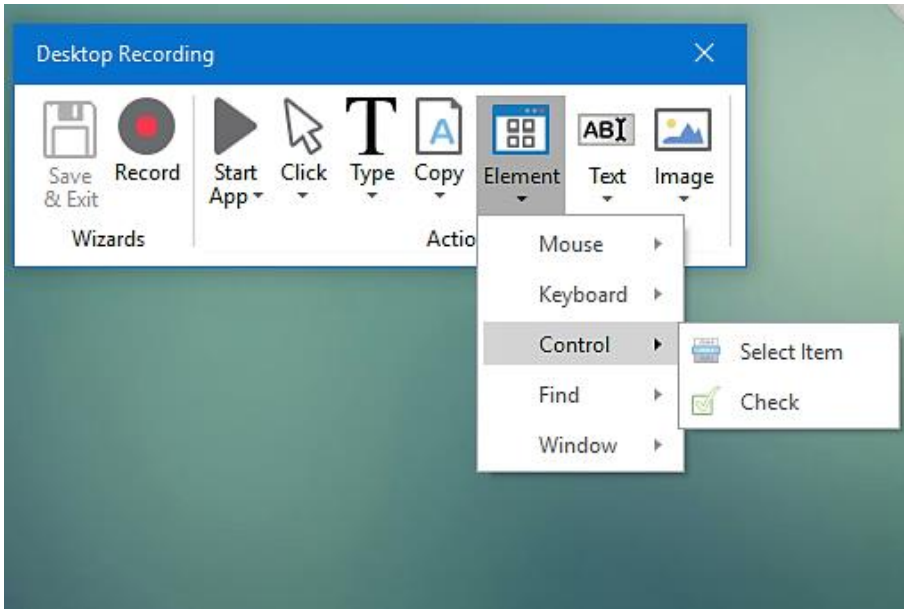

Basic Recording
Save & Exit
Record
Wizards
Start App
Click
Type
Copy
Element
Text
Image
Actions

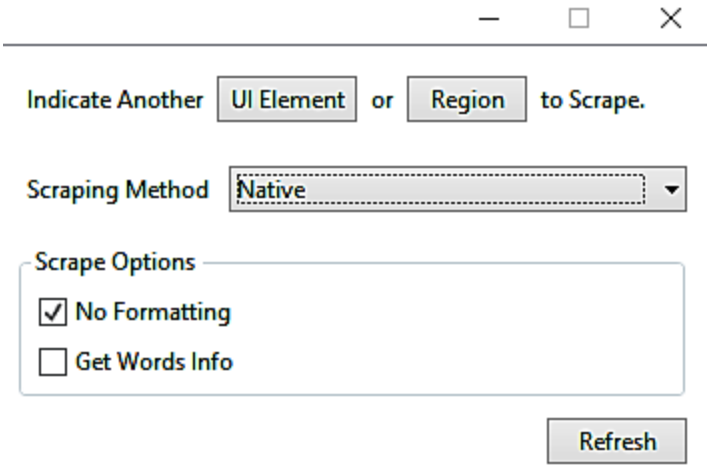

open
Favorites
Available
UI Automation
Browser
Open Browser
App Integration
FTP
Open FTP Session
System
Application
Open Application

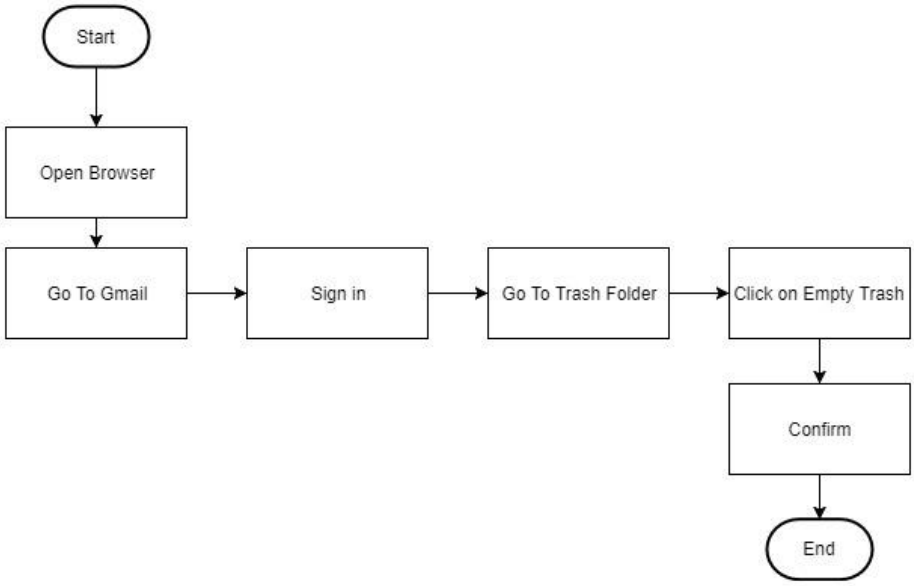

asdsa
Open browser
"www.google.com"
Do
Drop activity here

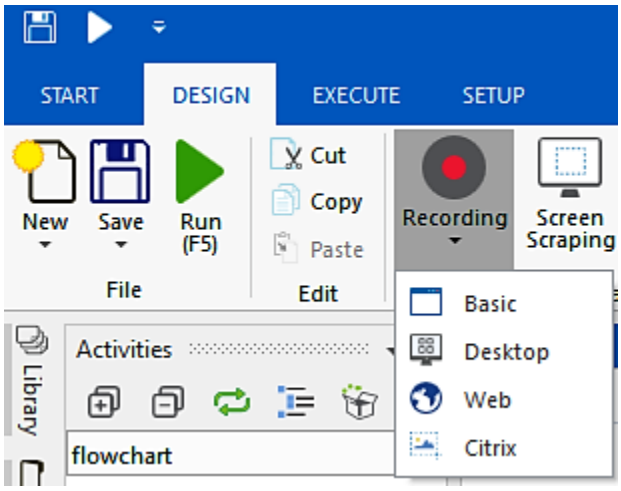

Type the desired value
add
alt
lalt
ralt
back
break
caps
ctrl
Type password
Empty field
Press enter when you are done
Run
Type the name of a program, folder, docun
resource, and Windows will open it for you
Open:
C:\Users\Vaibhav\Source\WindowsFormsApp3
OK
Cancel
Browse...

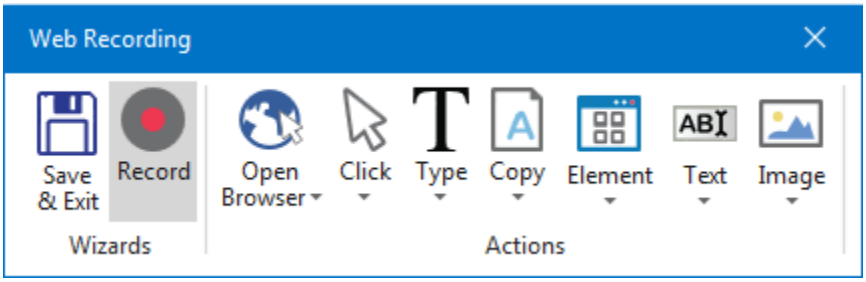

Do
Click
Indicate on screen
Type into 'RichEdit20W'
Open:
%ProgramData%\UiPath
"Desktop"


Desktop Recording
Save & Exit
Record
Wizards
Start App
Click
Type
Copy
Element
Text
Image
Mouse
Keyboard
Control
Find
Window
Select Item
Check

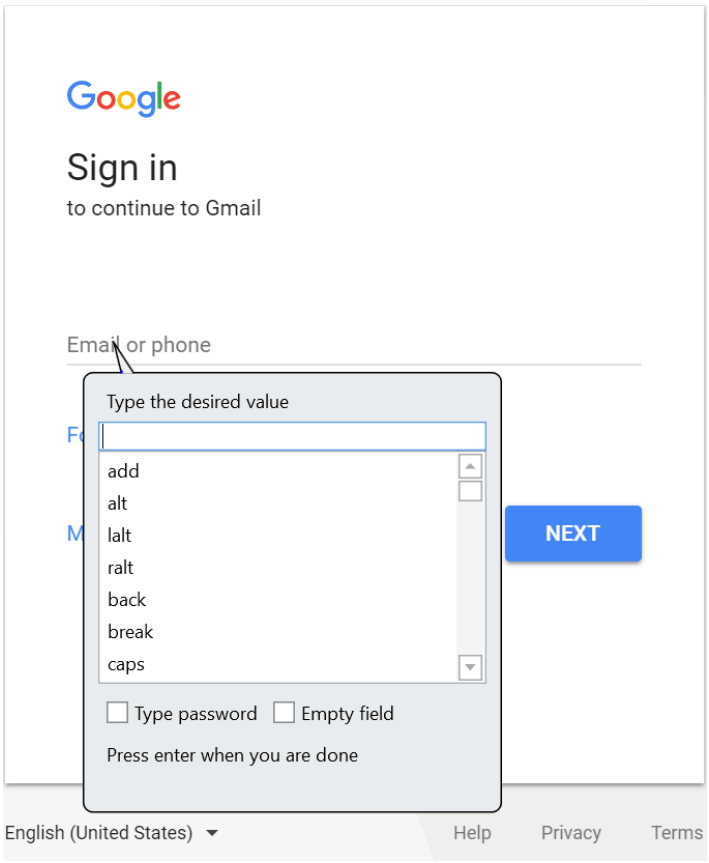

Indicate Another
UI Element
or
Region
to Scrape.
Scraping Method
Native
Scrape Options
No Formatting
Get Words Info
Refresh

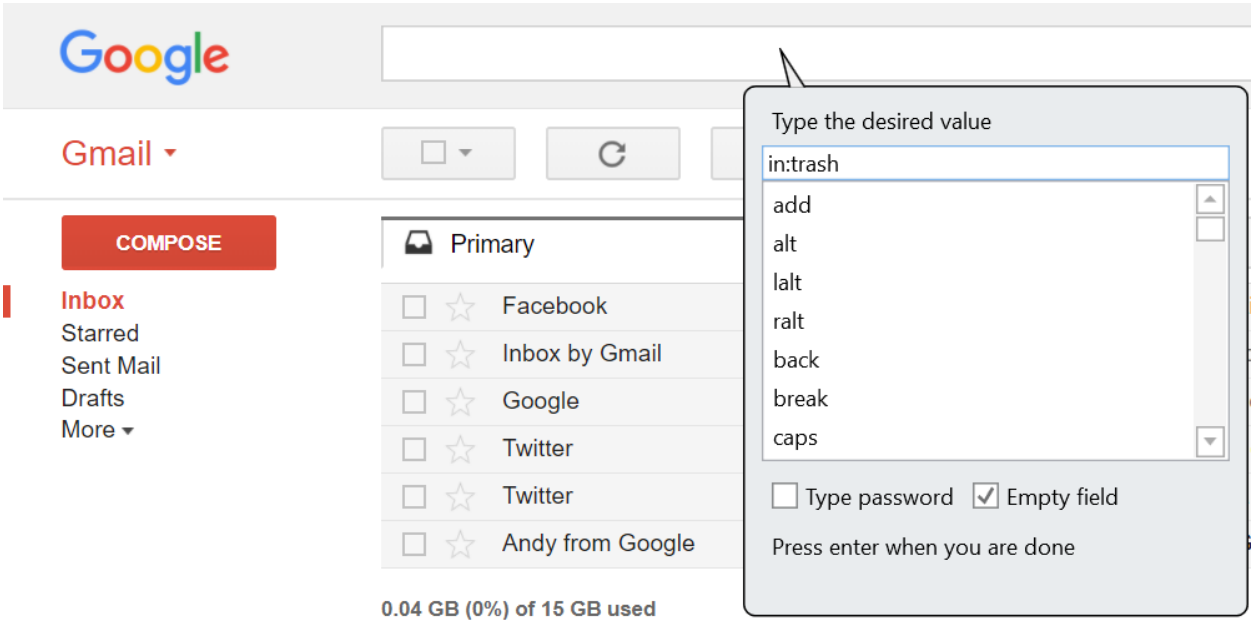

Start
Open Browser
Go To Gmail
Sign in
Go To Trash Folder
Click on Empty Trash
Confirm
End

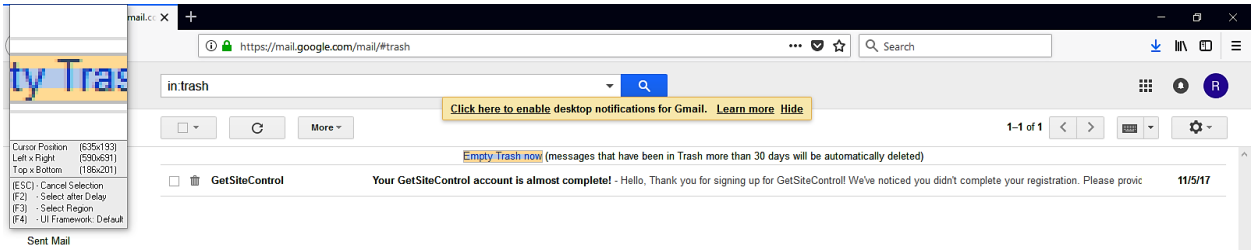

START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
File
Cut
Copy
Paste
Edit
Recording
Screen Scraping
Basic
Desktop
Web
Citrix
Activities
Library
flowchart

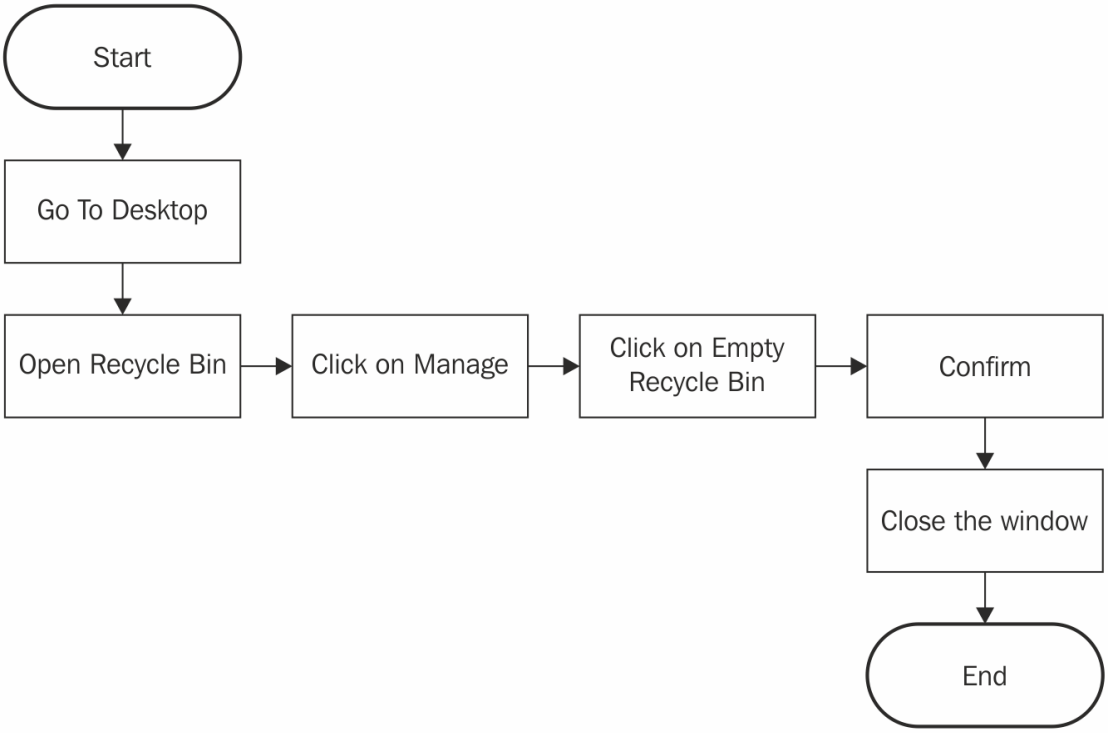

Web Recording
Save & Exit
Record
Wizards
Open Browser
Click
Type
Copy
Element
Text
Image
Actions

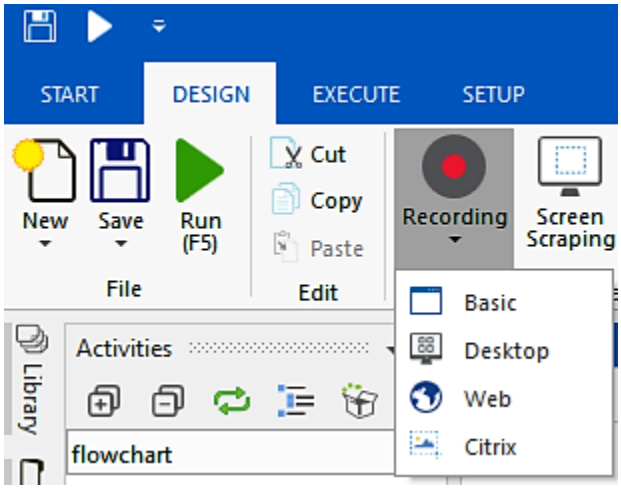
URL
gmail.com
OK

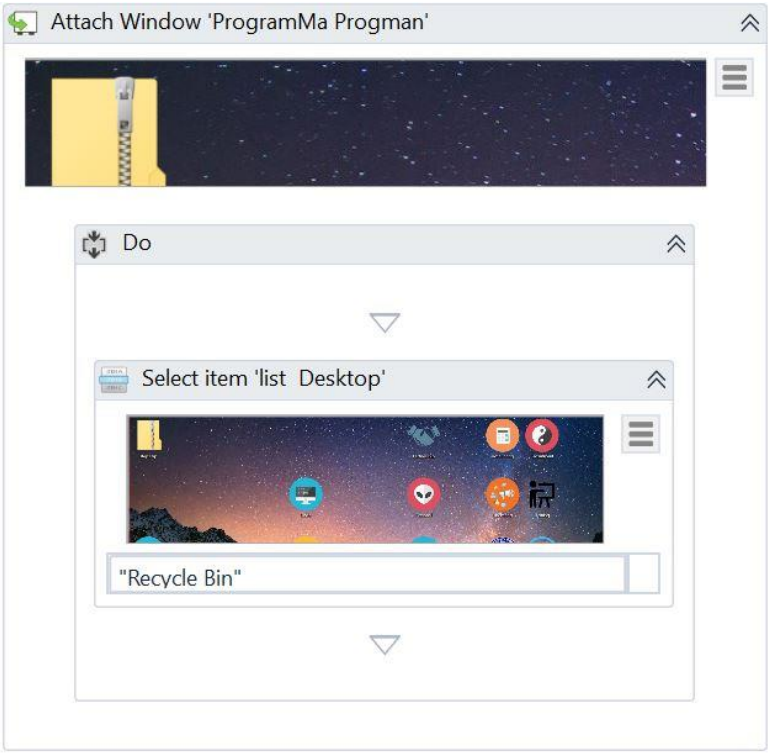

Google
Sign in
to continue to Gmail
Email or phone
Type the desired value
add
alt
lalt
ralt
back
break
caps
Type password
Empty field
Press enter when you are done
NEXT
English (United States)
Help
Privacy
Terms

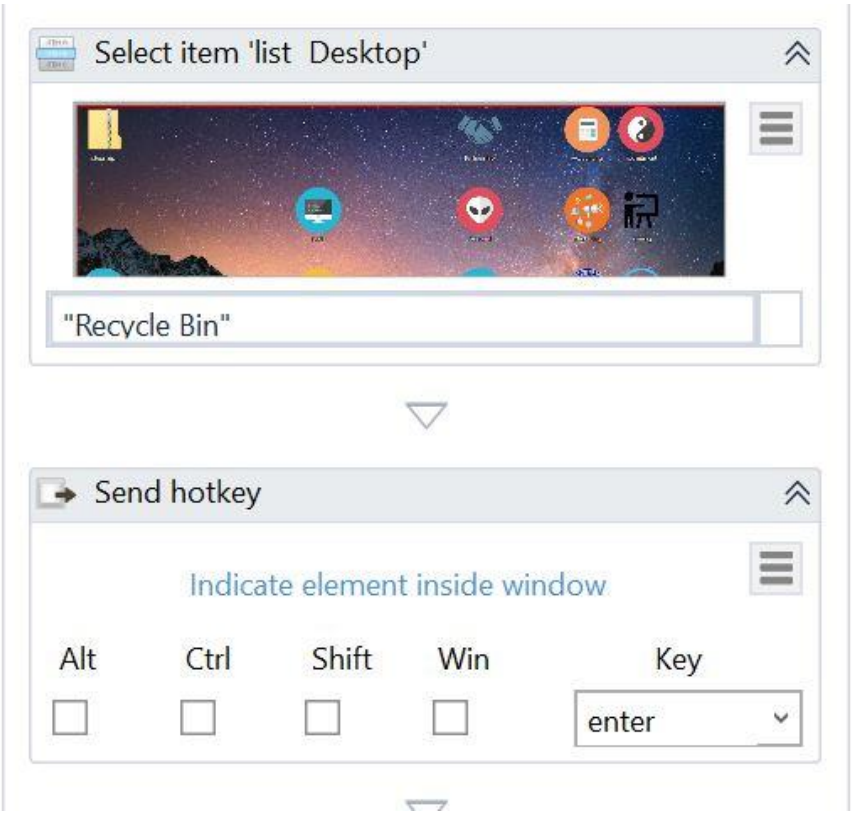

Google
Gmail
COMPOSE
Inbox
Starred
Sent Mail
Drafts
More
Primary
Facebook
Inbox by Gmail
Google
Twitter
Twitter
Andy from Google
0.04 GB (0%) of 15 GB used
Type the desired value
in:trash
add
alt
lalt
ralt
back
break
caps
Type password
Empty field
Press enter when you are done

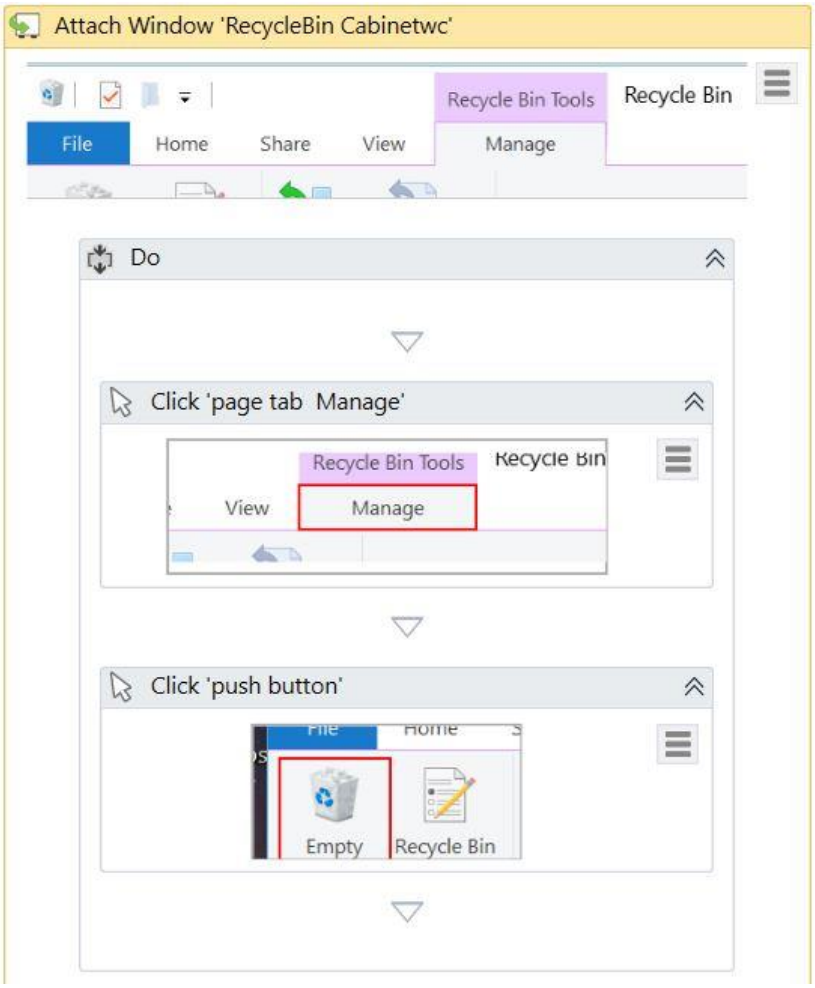

https://mail.google.com/mail/#trash
Search
in:trash
Click here to enable desktop notifications for Gmail. Learn more Hide
More
1–1 of 1
Empty Trash now (messages that have been in Trash more than 30 days will be automatically deleted)
GetSiteControl
Your GetSiteControl account is almost complete! - Hello, Thank you for signing up for GetSiteControl! We've noticed you didn't complete your registration. Please provic
11/5/17
Sent Mail

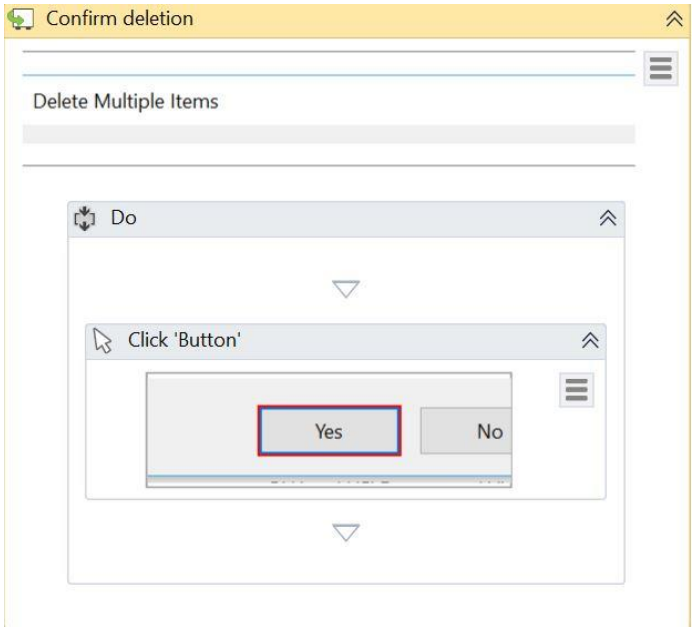

Start
Go To Desktop
Open Recycle Bin
Click on Manage
Click on Empty Recycle Bin
Confirm
Close the window
End


START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
File
Cut
Copy
Paste
Edit
Recording
Screen Scraping
Basic
Desktop
Web
Citrix
Activities
Library
flowchart

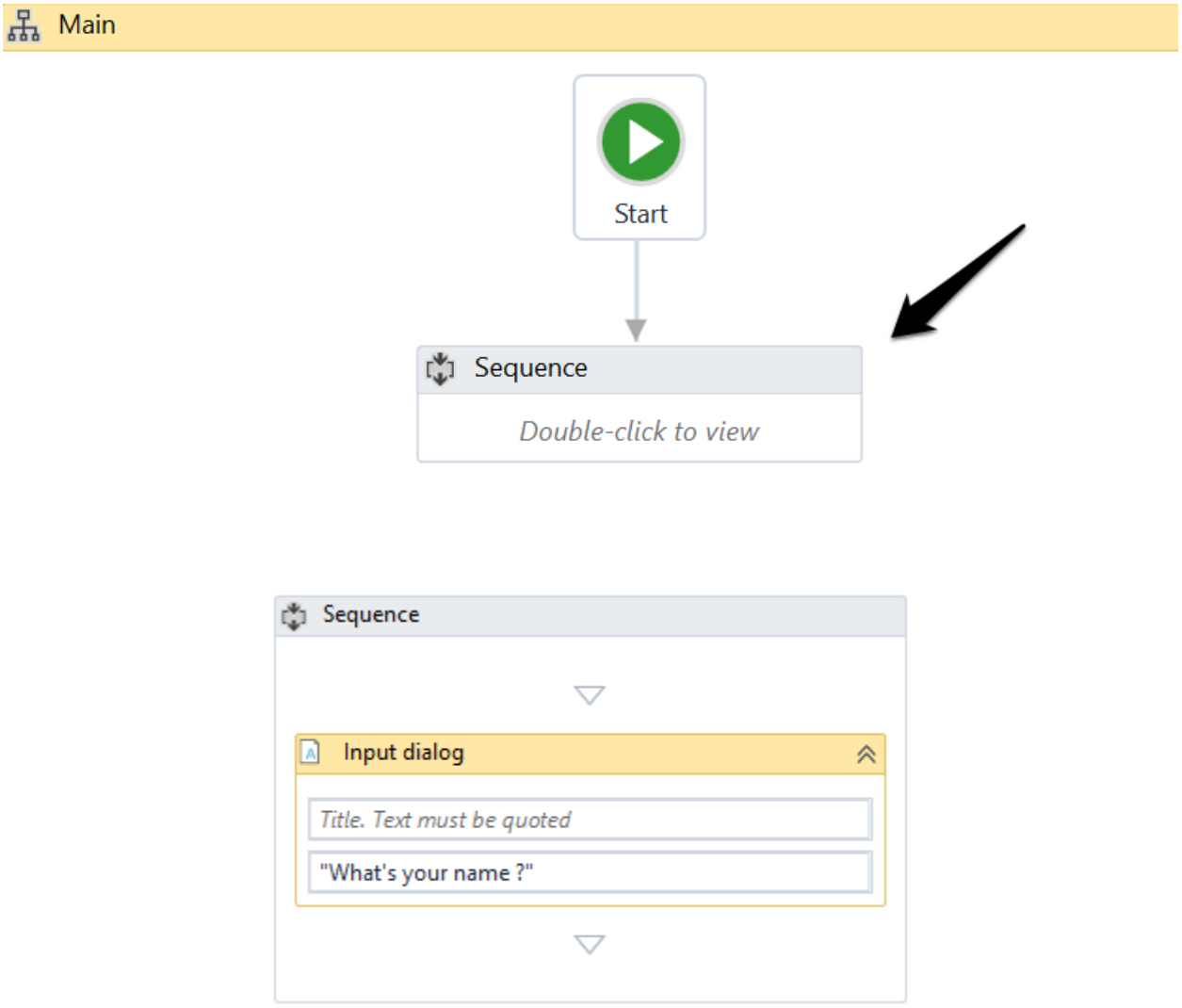

Attach Window 'ProgramMa Progman'
Do
Select item 'list Desktop'
"Recycle Bin"

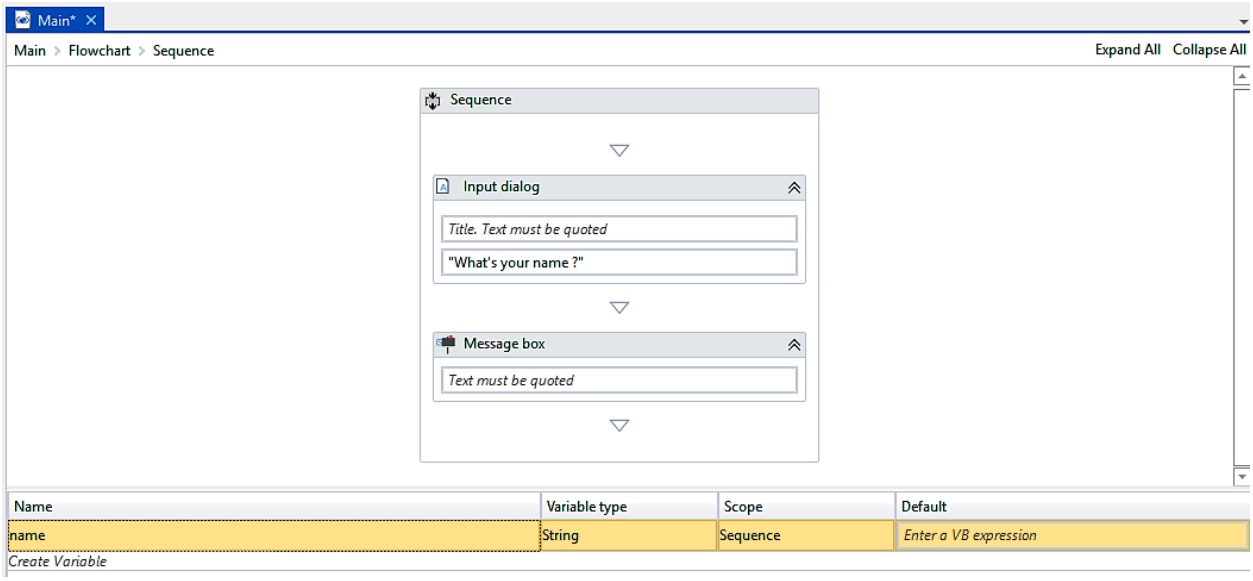

Select item 'list Desktop'
"Recycle Bin"
Send hotkey
Indicate element inside window
Alt
Ctrl
Shift
Win
Key
enter

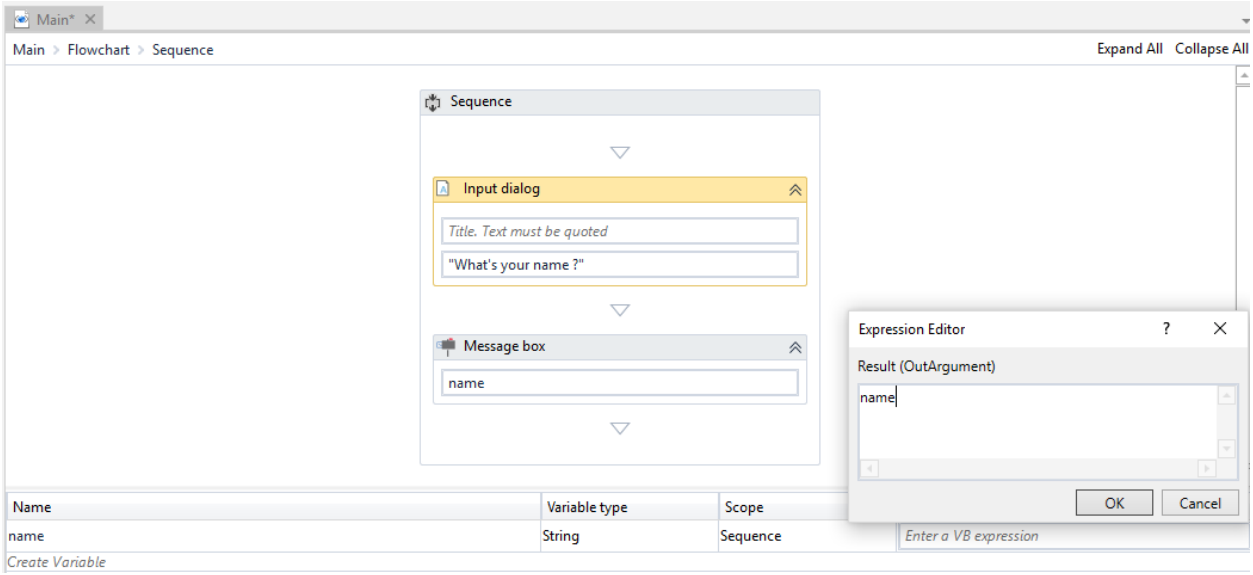

Attach Window 'RecycleBin Cabinetwc'
Recycle Bin Tools
Recycle Bin
File
Home
Share
View
Manage
Do
Click 'page tab Manage'
Recycle Bin Tools
Recycle Bin
View
Manage
Click 'push button'
Empty
Recycle Bin

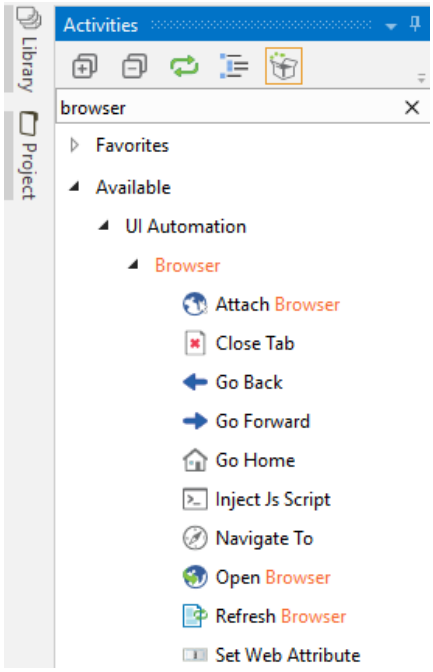

Confirm deletion
Delete Multiple Items
Do
Click 'Button'
Yes
No

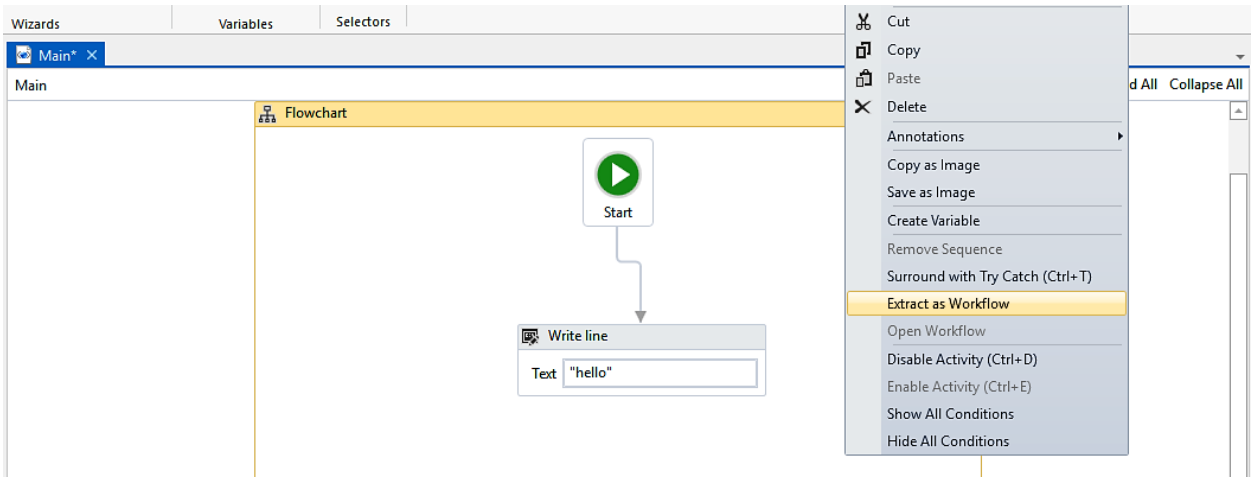
Chapter 3: Sequence, Flowchart, and Control Flow

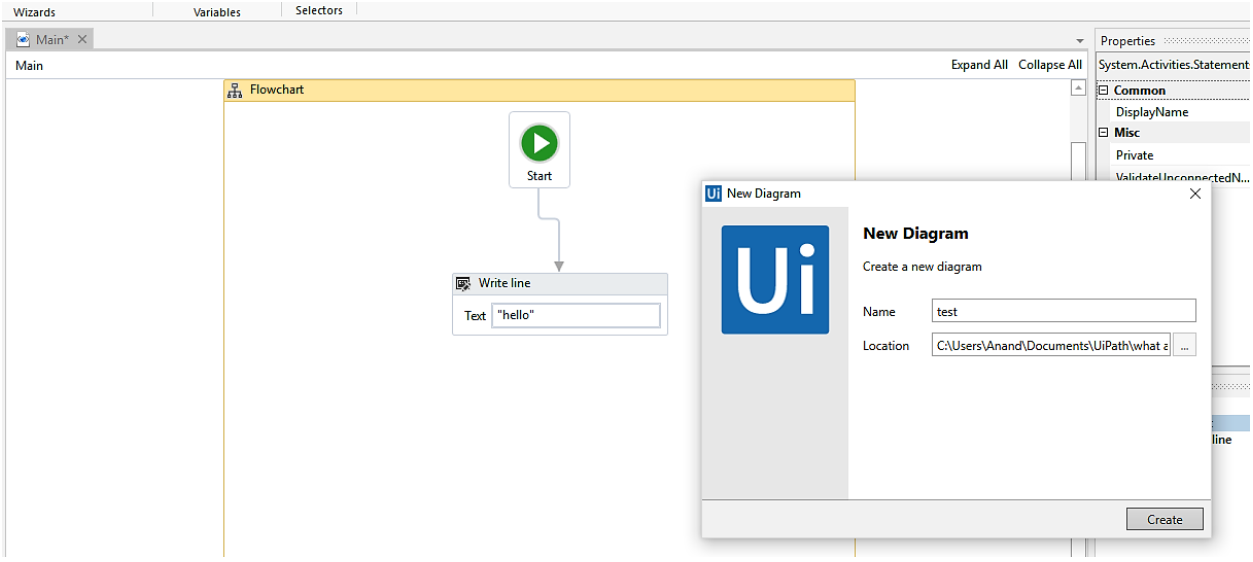


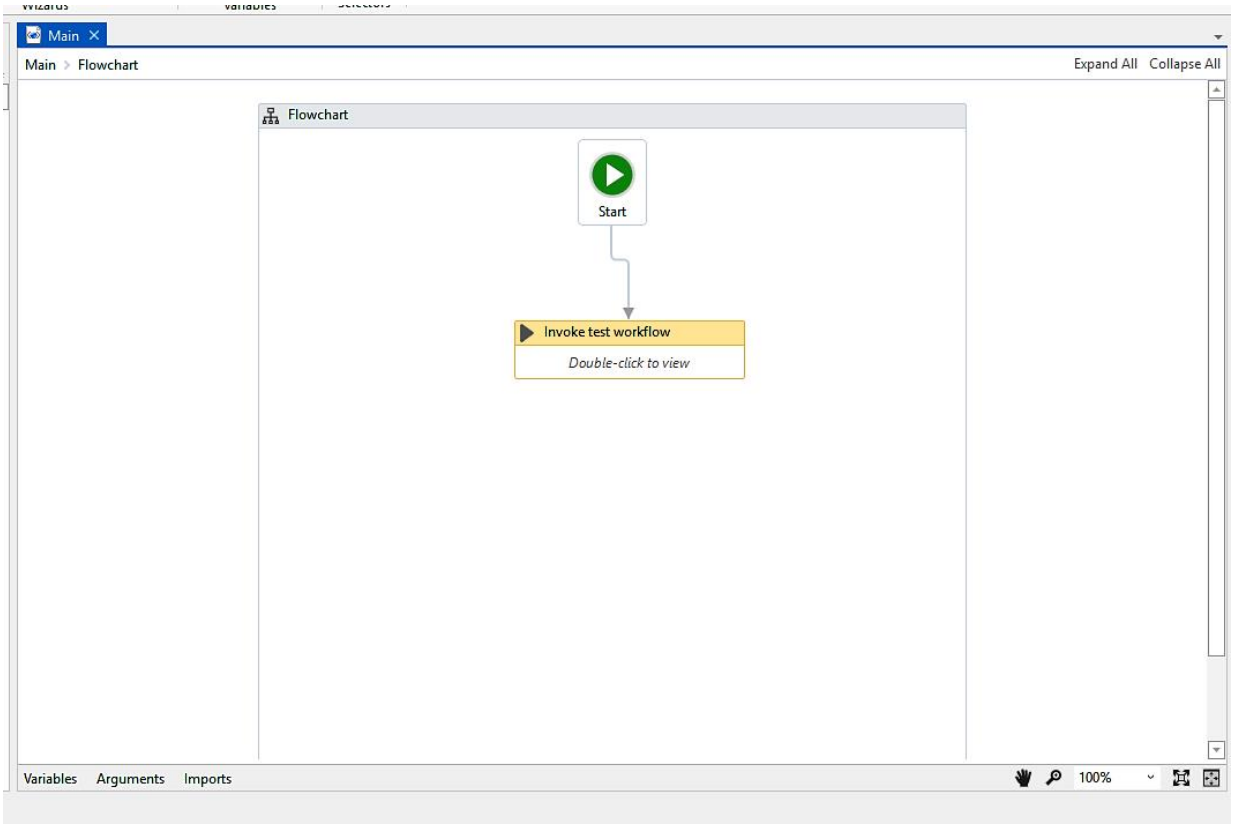

Main*
Main > Flowchart > Sequence
Expand All
Collapse All
Sequence
Input dialog
Title. Text must be quoted
"What's your name ?"
Message box
Text must be quoted
Name
Variable type
Scope
Default
name
String
Sequence
Enter a VB expression
Create Variable

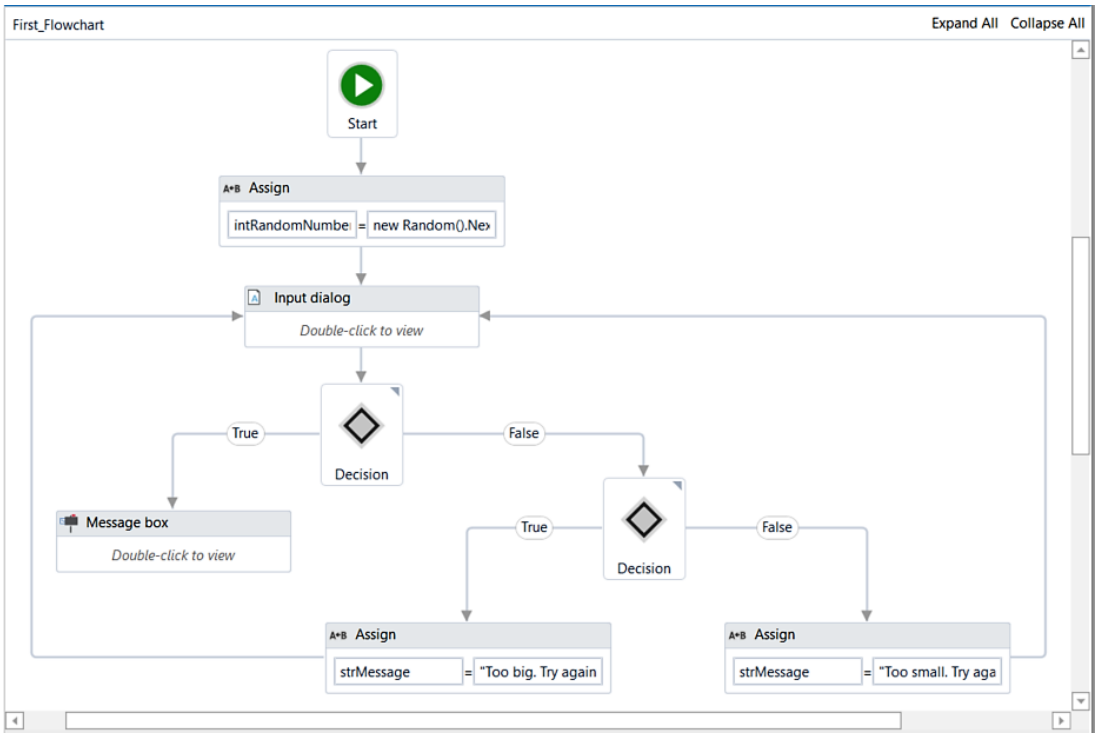

Main*
Main > Flowchart > Sequence
Expand All
Collapse All
Sequence
Input dialog
Title. Text must be quoted
"What's your name ?"
Message box
name
Expression Editor
Result (OutArgument)
name
OK
Cancel
Name
Variable type
Scope
name
String
Sequence
Enter a VB expression
Create Variable

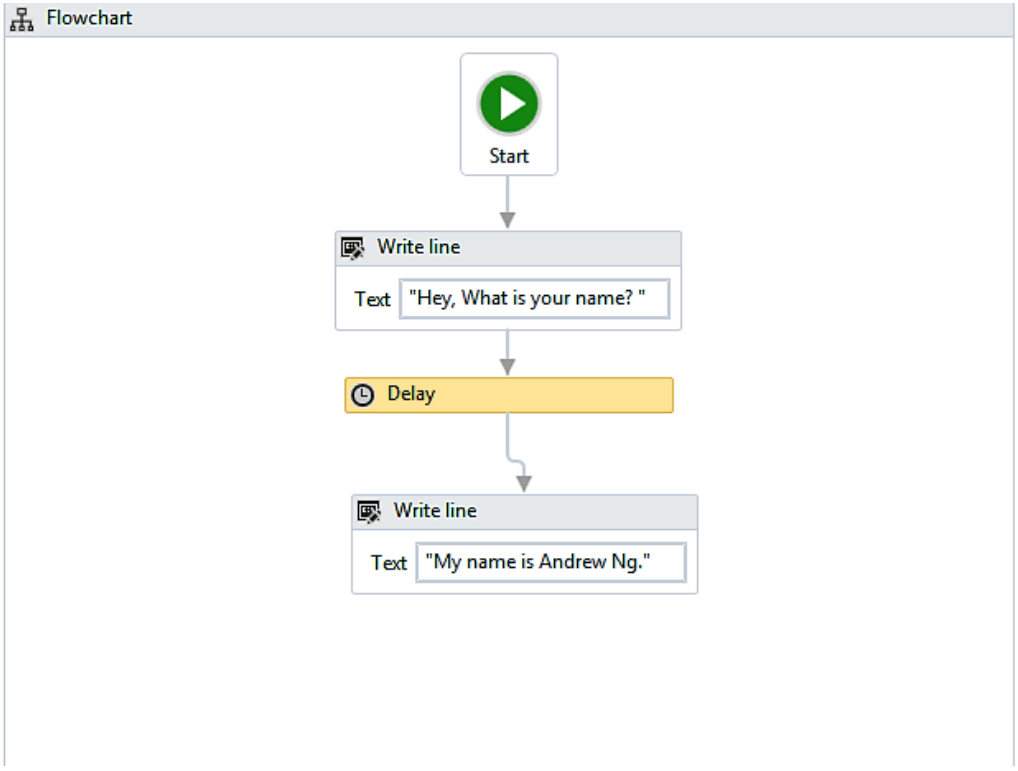

Activities
Library
Project
browser
Favorites
Available
UI Automation
Browser
Attach Browser
Close Tab
Go Back
Go Forward
Go Home
Inject Js Script
Navigate To
Open Browser
Refresh Browser
Set Web Attribute

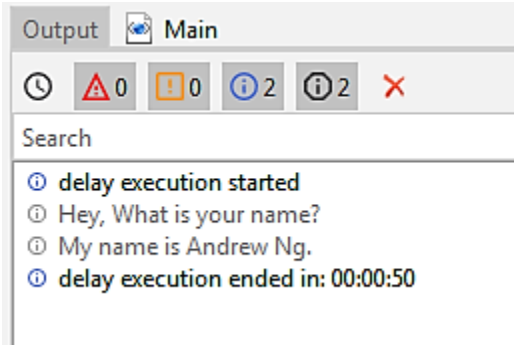

Wizards
Variables
Selectors
Main*
Main
Flowchart
Start
Write line
Text
"hello"
Cut
Copy
Paste
Delete
Annotations
Copy as Image
Save as Image
Create Variable
Remove Sequence
Surround with Try Catch (Ctrl+T)
Extract as Workflow
Open Workflow
Disable Activity (Ctrl+D)
Enable Activity (Ctrl+E)
Show All Conditions
Hide All Conditions
Collapse All

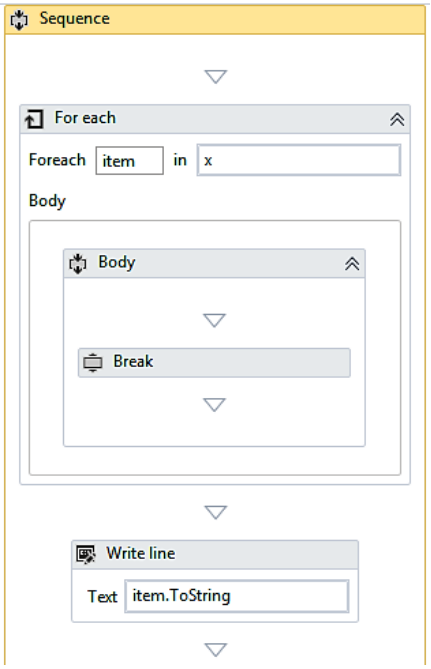

Wizards
Variables
Selectors
Main*
Main
Expand All
Collapse All
Properties
System.Activities.Statement
Common
DisplayName
Misc
Private
Flowchart
Start
Write line
Text
"hello"
New Diagram
New Diagram
Create a new diagram
Name
test
Location
C:\Users\Anand\Documents\UiPath\what a
...
Create

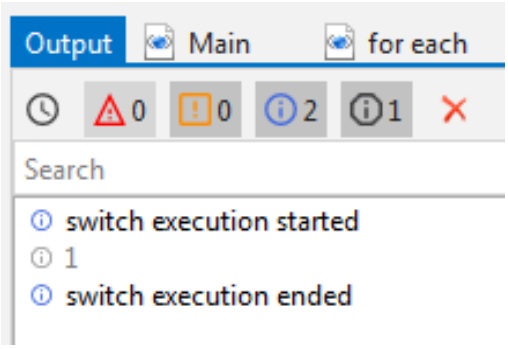

Main
Main
Flowchart
Expand All
Collapse All
Flowchart
Start
Invoke test workflow
Double-click to view
Variables
Arguments
Imports
100%

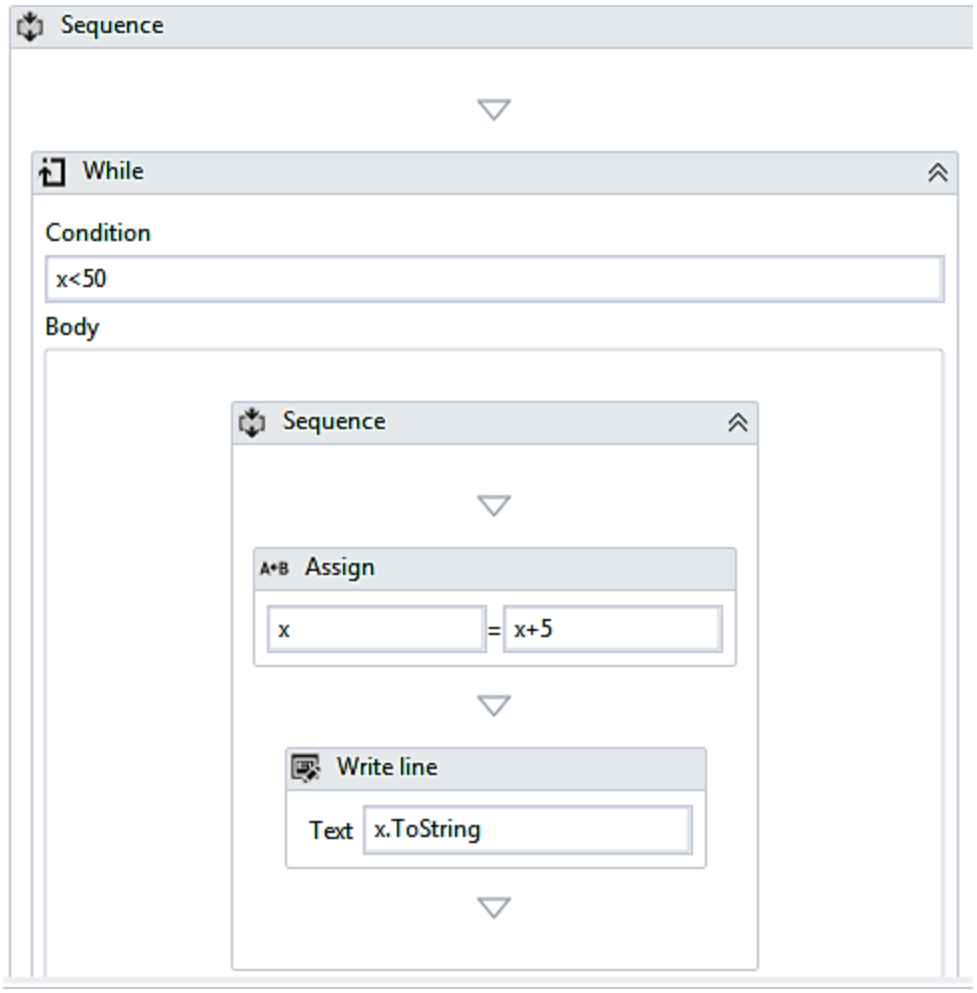

First_Flowchart
Expand All
Collapse All
Start
Assign
intRandomNumbe
=
new Random().Ne
Input dialog
Double-click to view
True
Decision
False
Message box
Double-click to view
True
Decision
False
Assign
strMessage
=
"Too big. Try again
Assign
strMessage
=
"Too small. Try aga

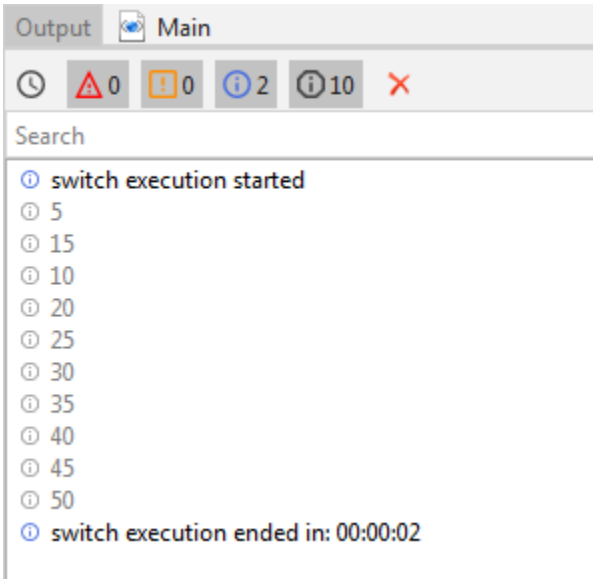

Flowchart
Start
Write line
Text
"Hey, What is your name? "
Delay
Write line
Text
"My name is Andrew Ng."

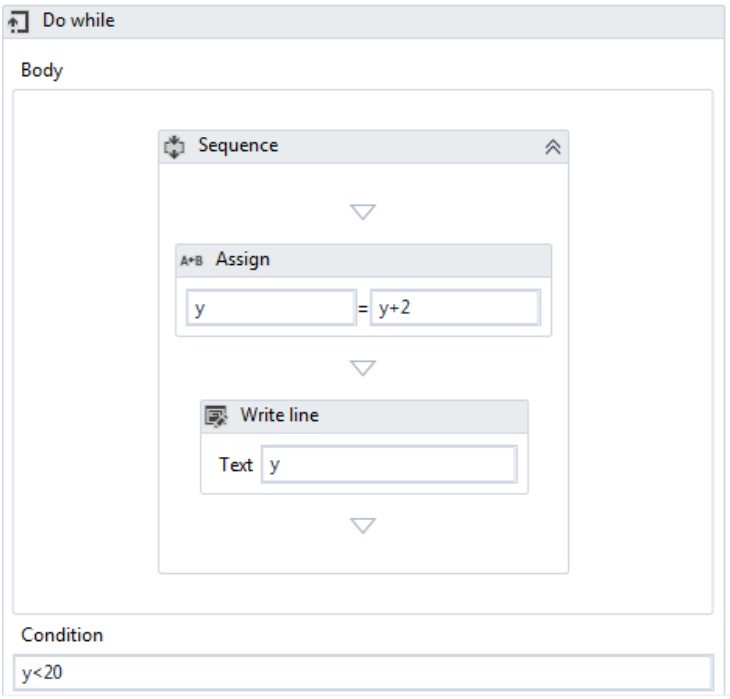

Output
Main
0
0
2
2
Search
delay execution started
Hey, What is your name?
My name is Andrew Ng.
delay execution ended in: 00:00:50

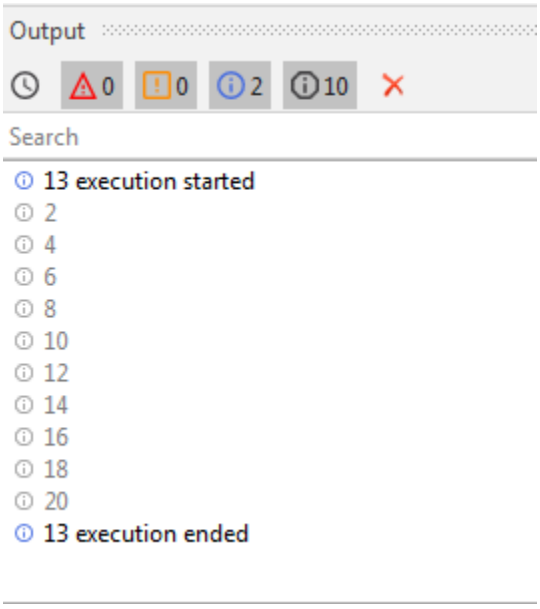

Sequence
For each
Foreach
item
in
x
Body
Body
Break
Write line
Text
item.ToString

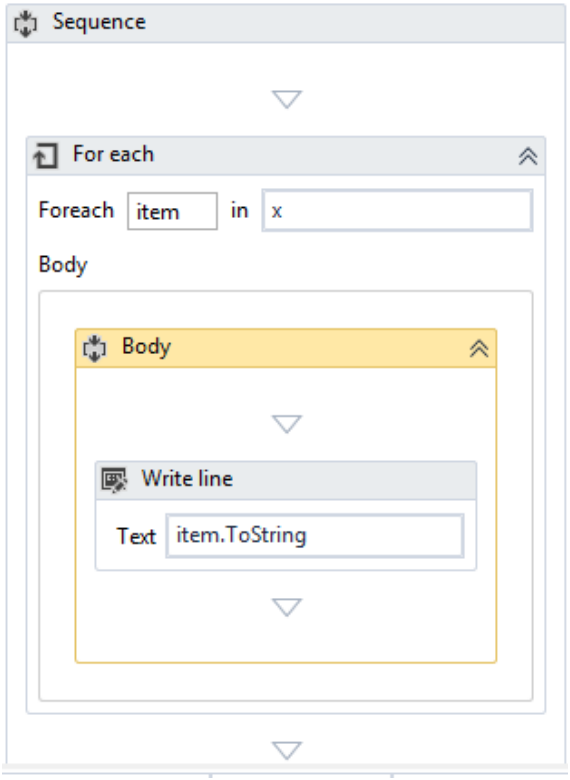

Output
Main
for each
0
0
2
1
Search
switch execution started
1
switch execution ended

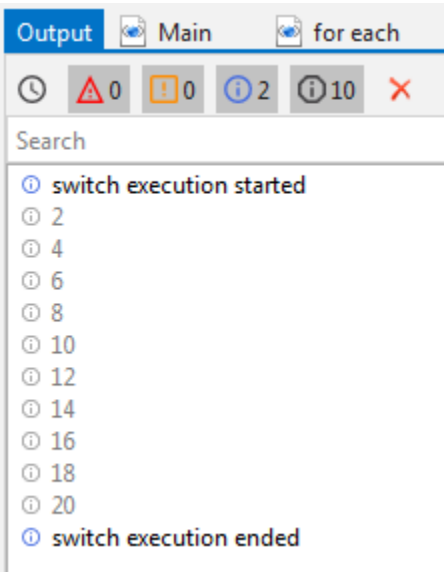

Sequence
While
Condition
x<50
Body
Sequence
Assign
x
=
x+5
Write line
Text
x.ToString

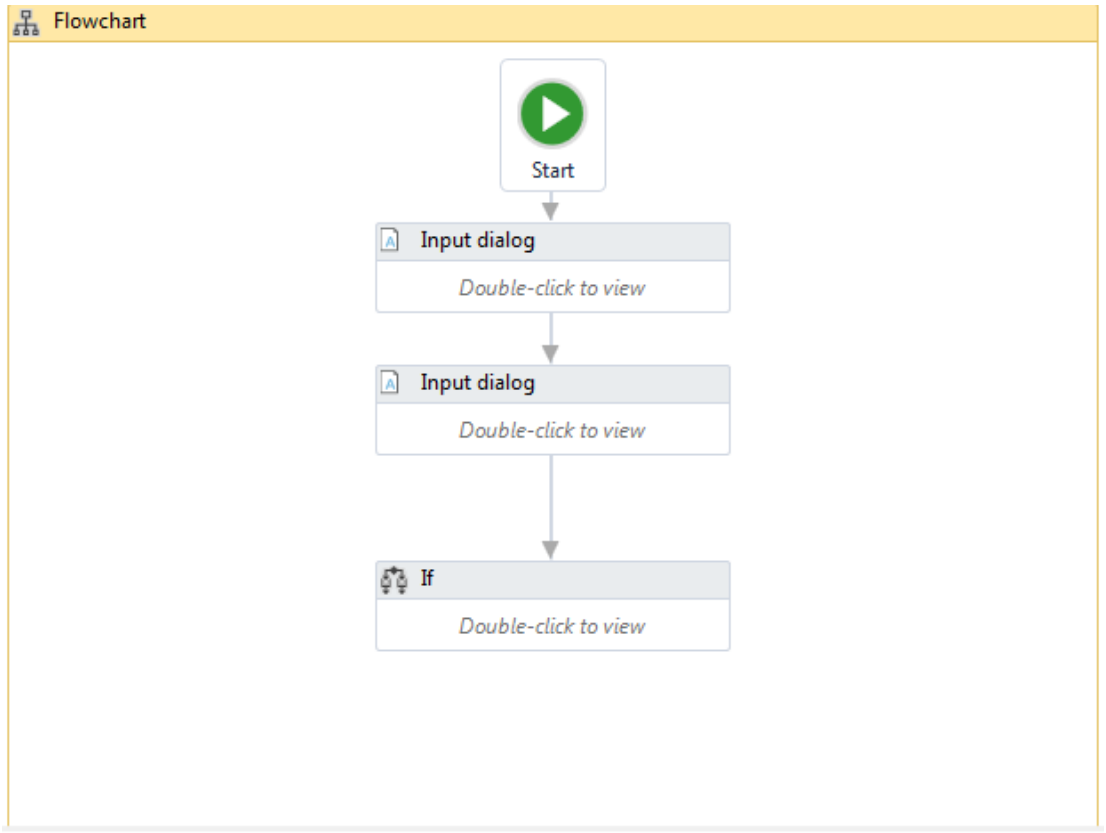

Output
Main
0
0
2
10
Search
switch execution started
5
15
10
20
25
30
35
40
45
50
switch execution ended in: 00:00:02

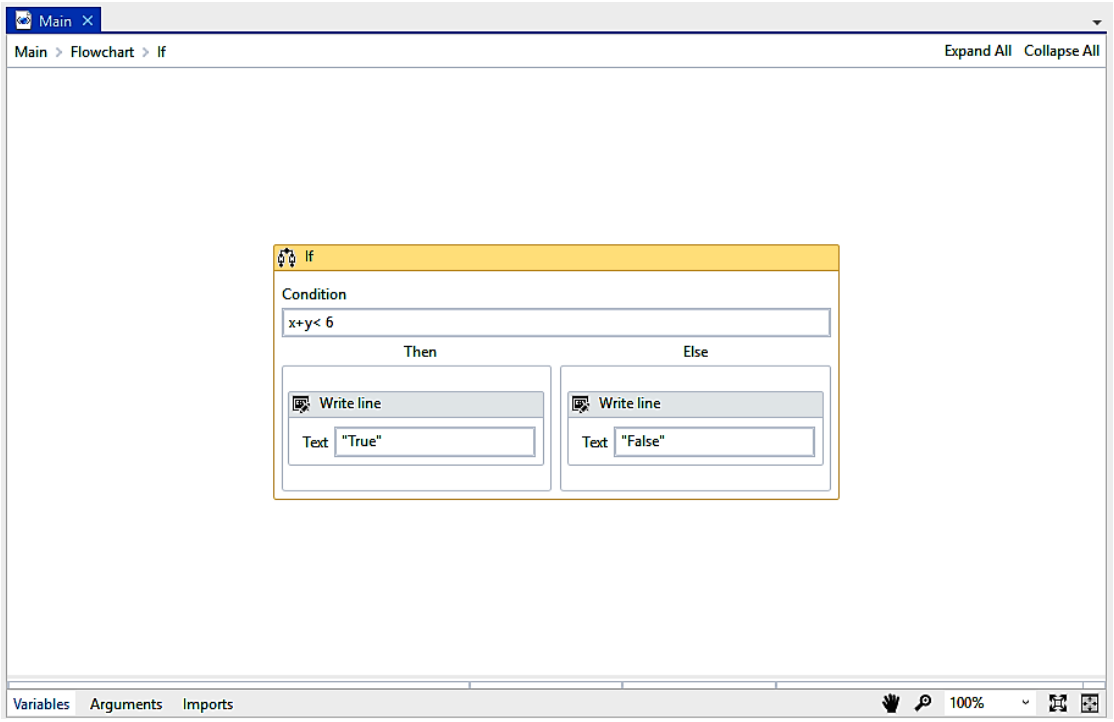

Do while
Body
Sequence
Assign
y
= y+2
Write line
Text y
Condition
y<20

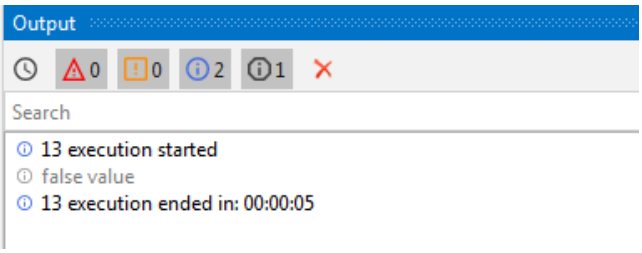

Output
0
0
2
10
Search
13 execution started
2
4
6
8
10
12
14
16
18
20
13 execution ended

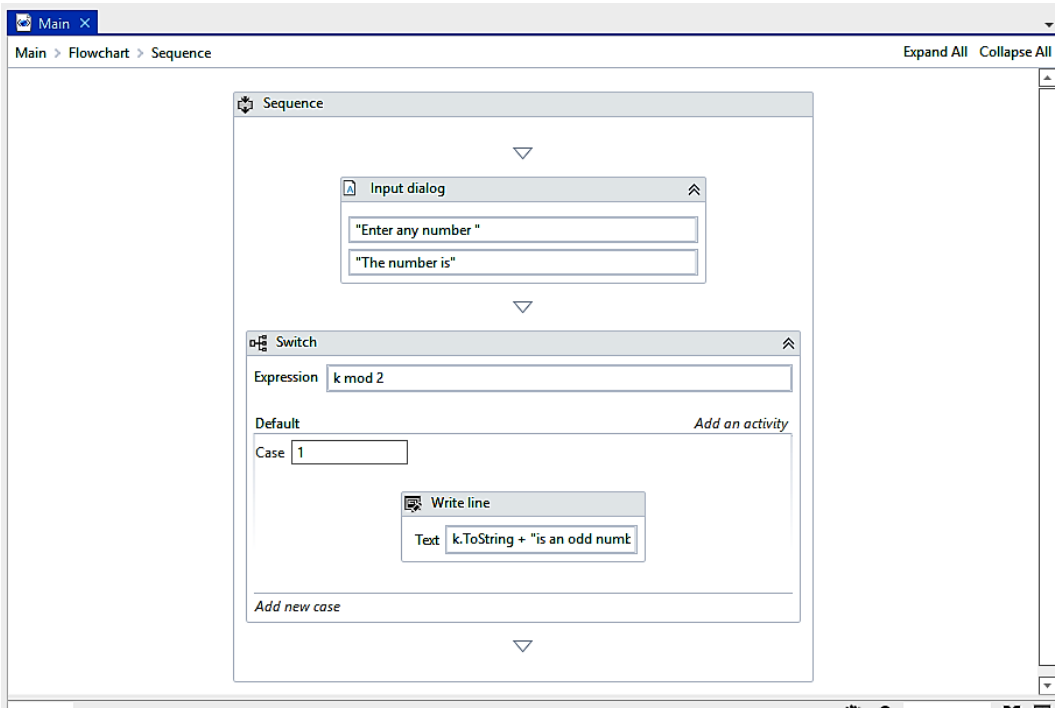

Sequence
For each
Foreach
item
in
x
Body
Body
Write line
Text
item.ToString

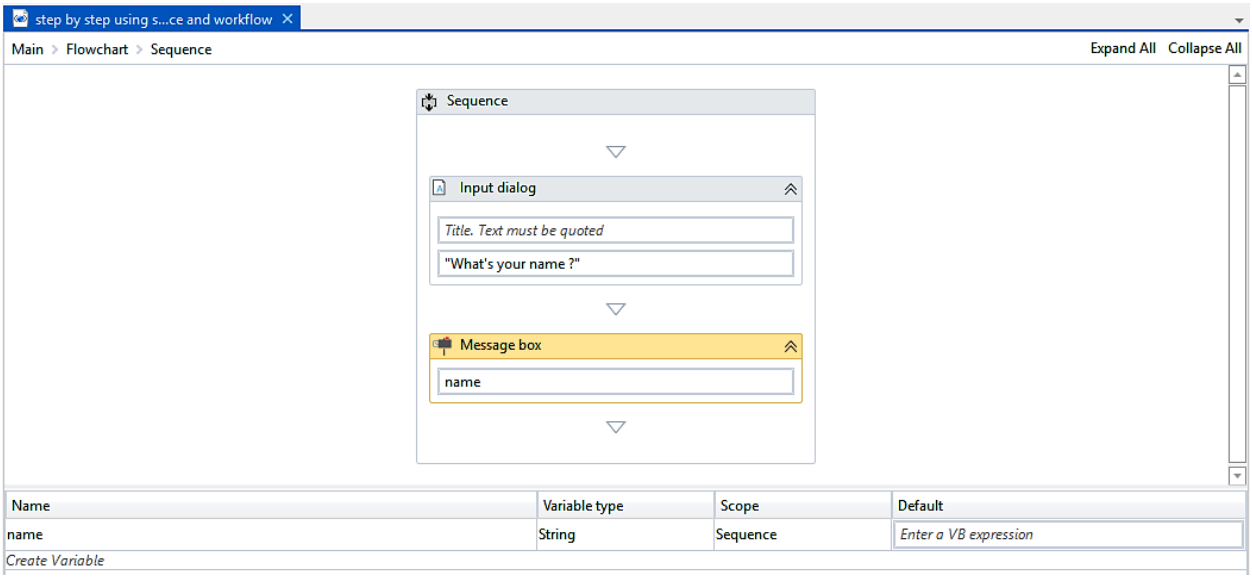

Output
Main
for each
0
0
2
10
Search
switch execution started
2
4
6
8
10
12
14
16
18
20
switch execution ended

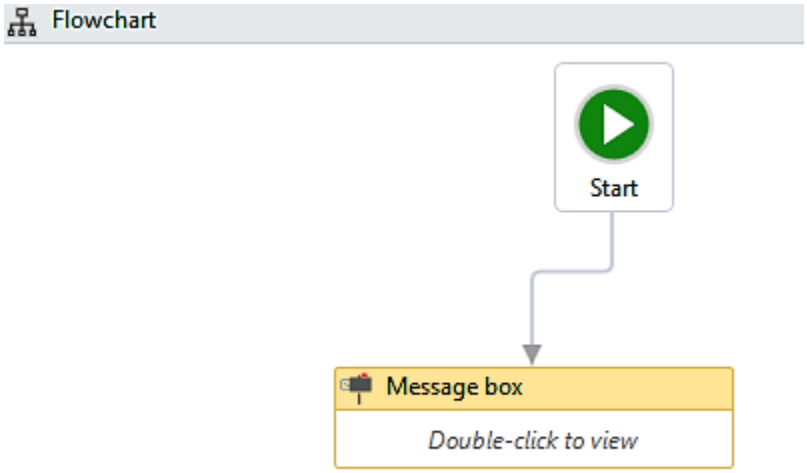

Flowchart
Start
Input dialog
Double-click to view
Input dialog
Double-click to view
If
Double-click to view

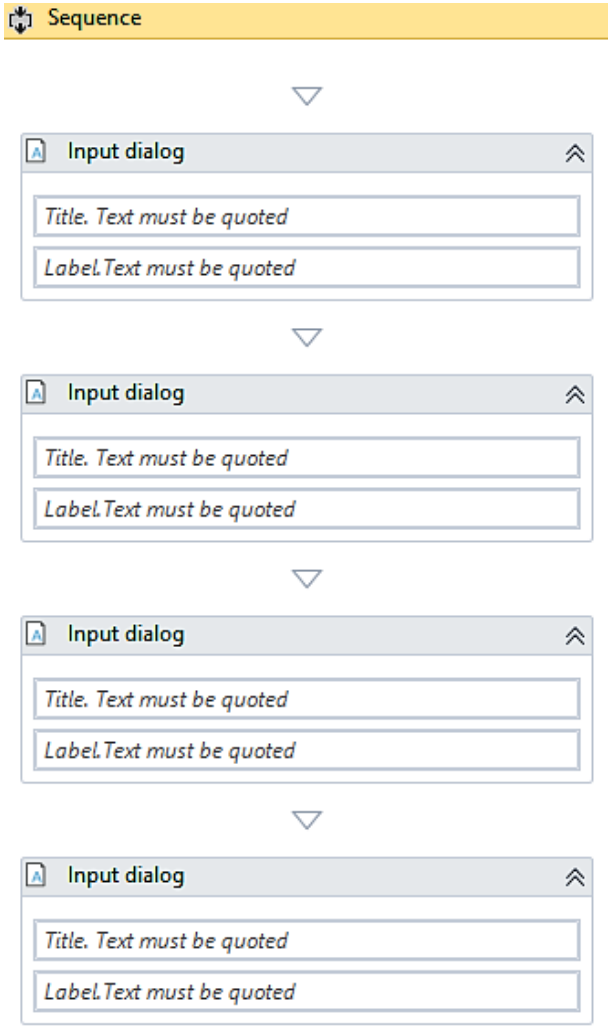

Main
Main > Flowchart > If
Expand All
Collapse All
If
Condition
x+y< 6
Then
Else
Write line
Text "True"
Write line
Text "False"
Variables
Arguments
Imports
100%

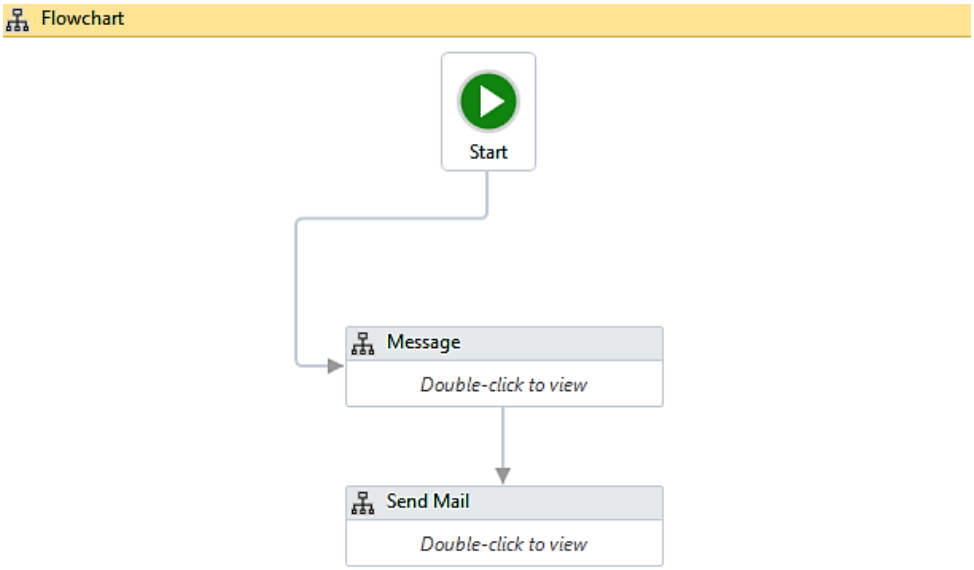

Output
0
0
2
1
Search
13 execution started
false value
13 execution ended in: 00:00:05

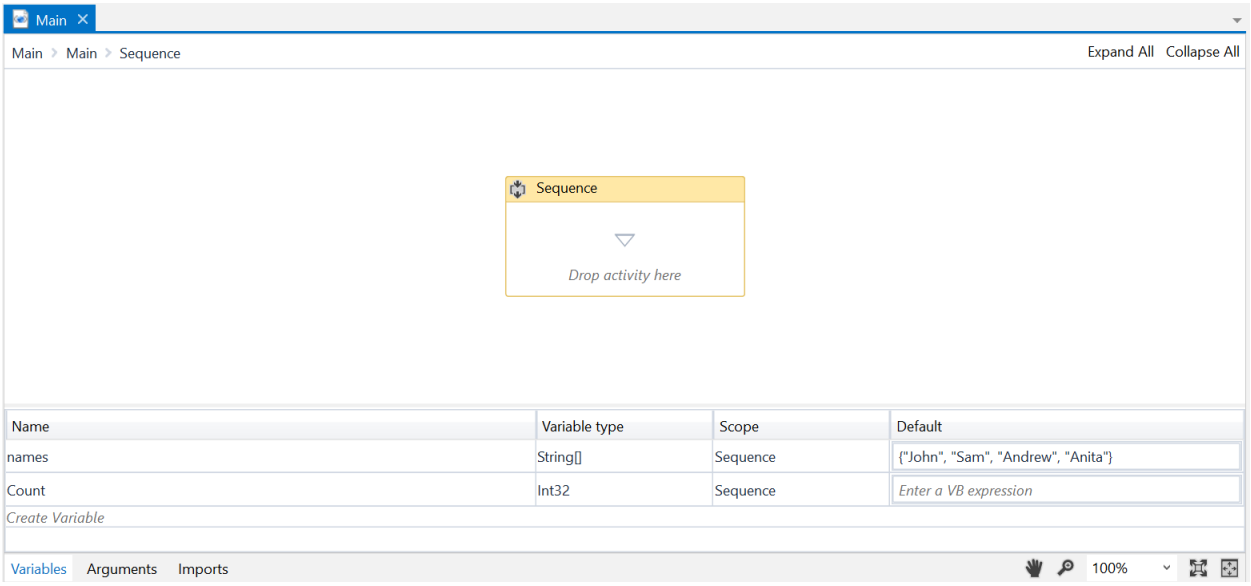

Main
Main > Flowchart > Sequence
Expand All
Collapse All
Sequence
Input dialog
"Enter any number "
"The number is"
Switch
Expression
k mod 2
Default
Add an activity
Case
1
Write line
Text
k.ToString + "is an odd numb
Add new case

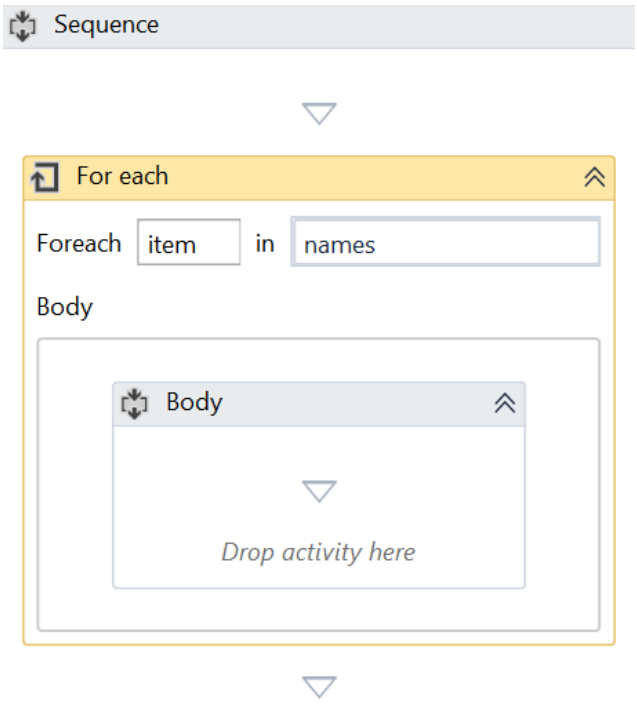

step by step using s...ce and workflow
Main > Flowchart > Sequence
Expand All
Collapse All
Sequence
Input dialog
Title. Text must be quoted
"What's your name ?"
Message box
name
Name
Variable type
Scope
Default
name
String
Sequence
Enter a VB expression
Create Variable

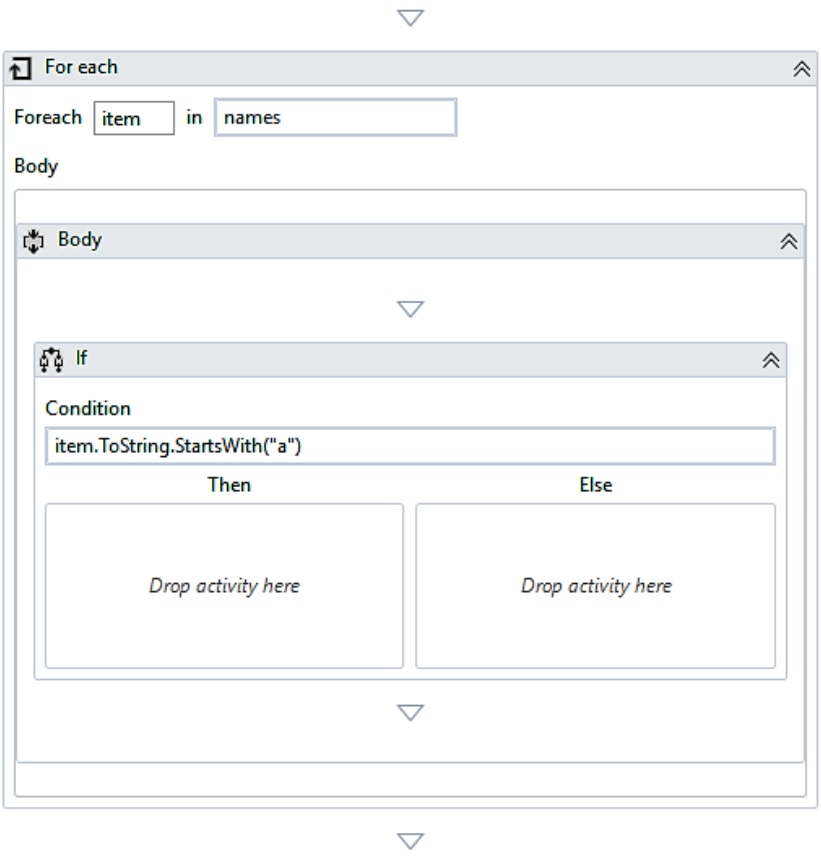

Flowchart
Start
Message box
Double-click to view

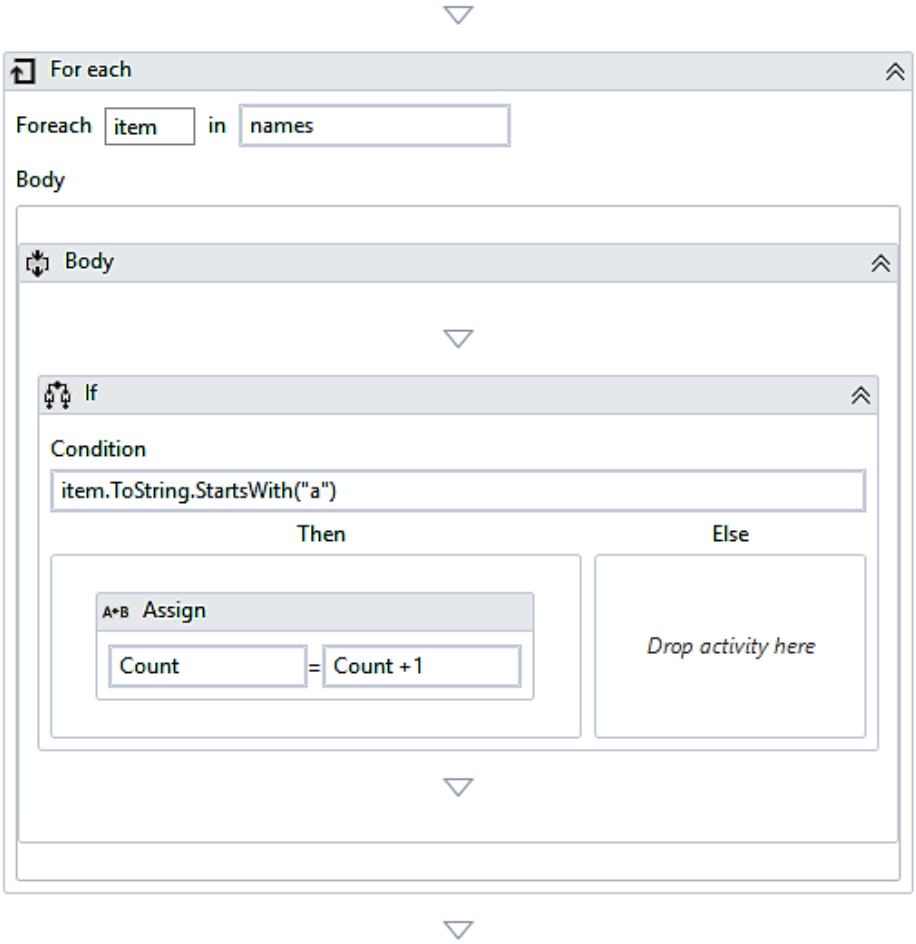

Sequence
Input dialog
Title. Text must be quoted
Label. Text must be quoted
Input dialog
Title. Text must be quoted
Label. Text must be quoted
Input dialog
Title. Text must be quoted
Label. Text must be quoted
Input dialog
Title. Text must be quoted
Label. Text must be quoted

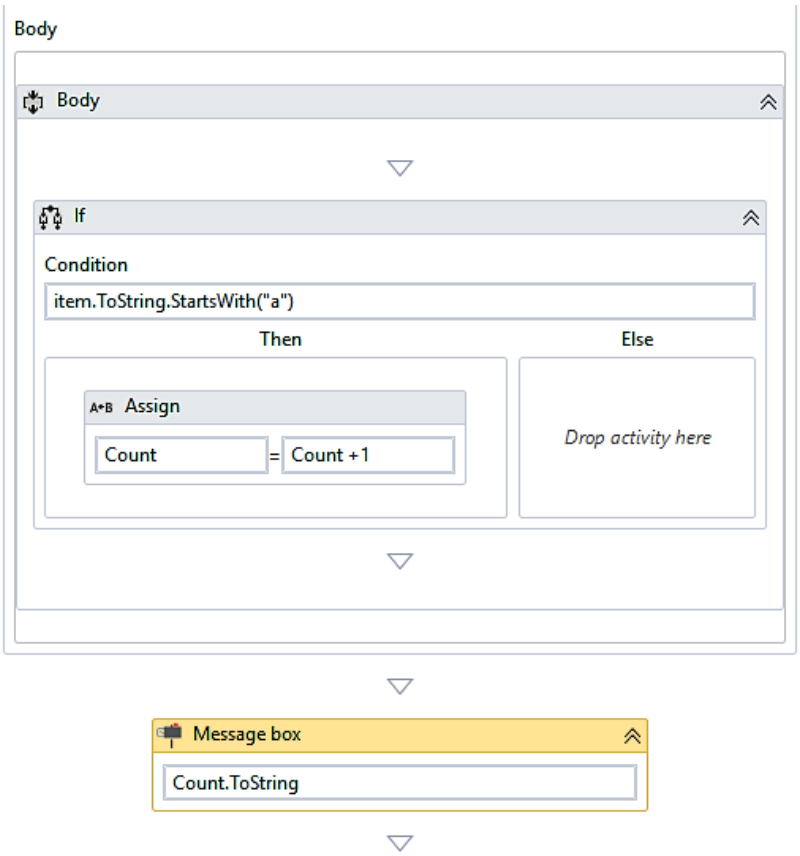

Flowchart
Start
Message
Double-click to view
Send Mail
Double-click to view


Main
Main
Main
Sequence
Expand All
Collapse All
Sequence
Drop activity here
Name
Variable type
Scope
Default
names
String[]
Sequence
{"John", "Sam", "Andrew", "Anita"}
Count
Int32
Sequence
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%


Sequence
For each
Foreach
item
in
names
Body
Body
Drop activity here

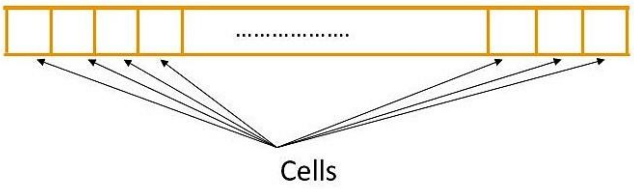

For each
Foreach
item
in
names
Body
Body
If
Condition
item.ToString.StartsWith("a")
Then
Else
Drop activity here
Drop activity here


For each
Foreach item in names
Body
Body
If
Condition
item.ToString.StartsWith("a")
Then
Else
Assign
Count = Count +1
Drop activity here


Body
Body
If
Condition
item.ToString.StartsWith("a")
Then
Else
Assign
Count
=
Count +1
Drop activity here
Message box
Count.ToString

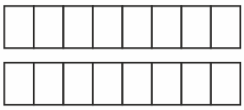
Chapter 4: Data Manipulation

Memory

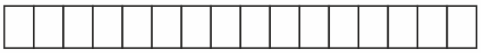


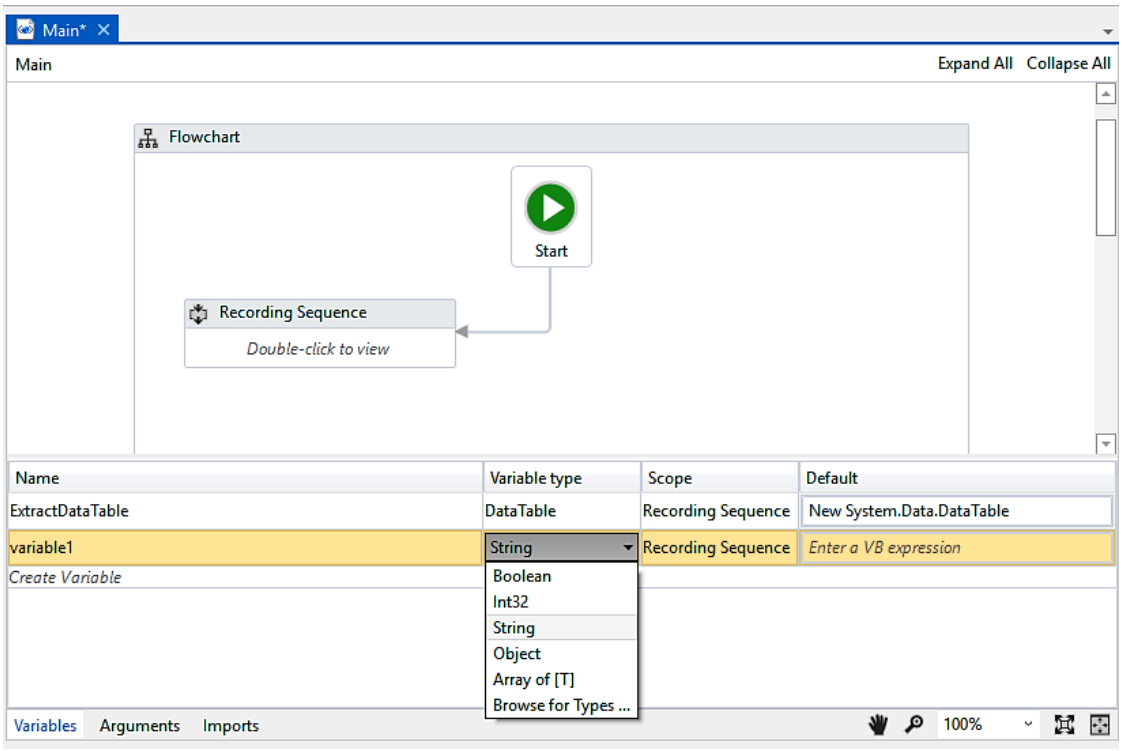
Each cell can store 1 bit of information having the value 0 or 1

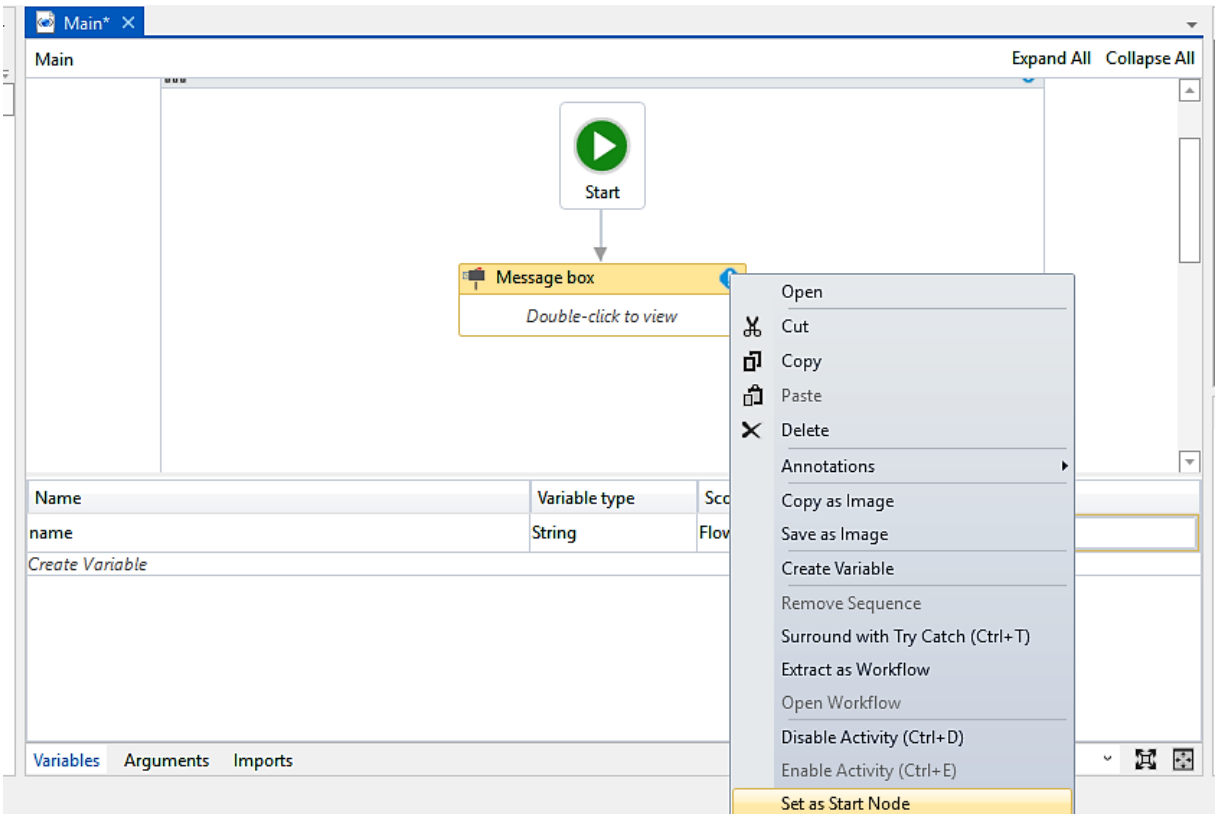
2 bytes:

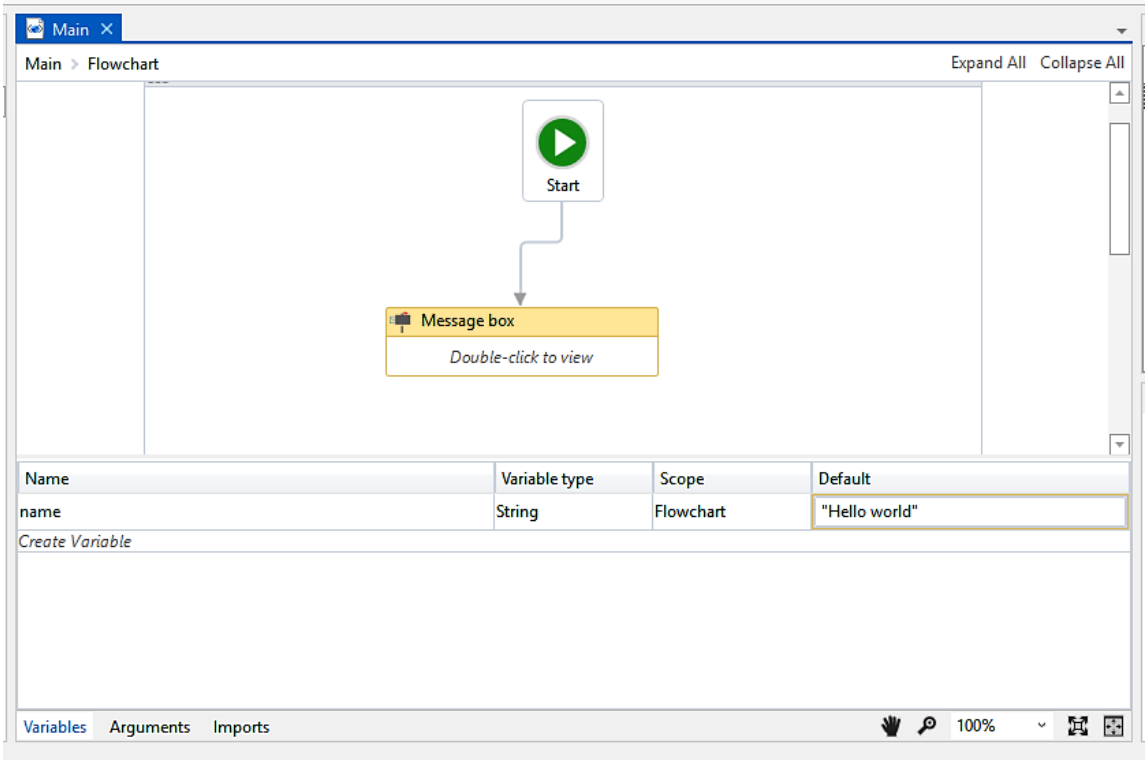


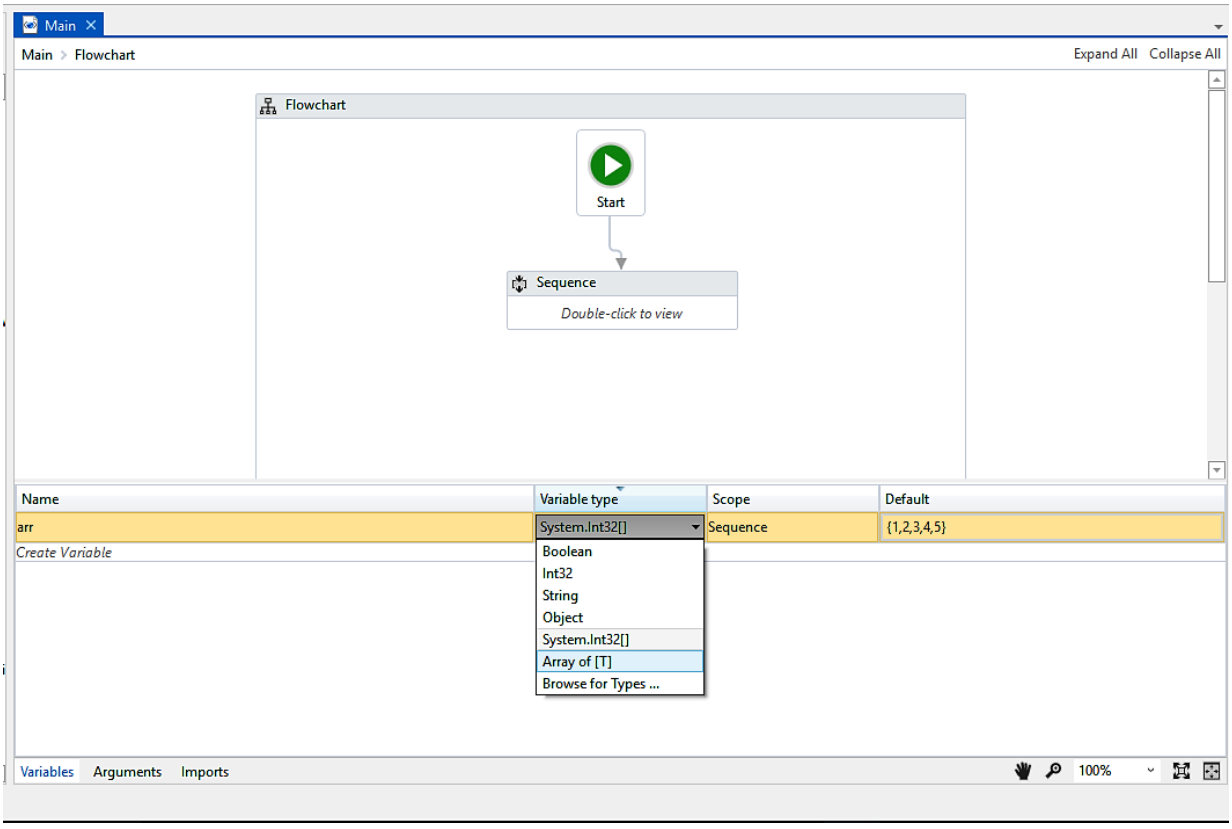
one 16-bits memory cell:

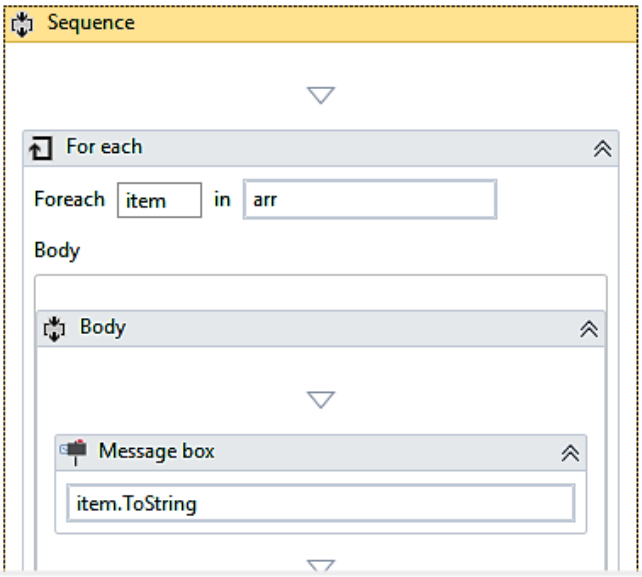


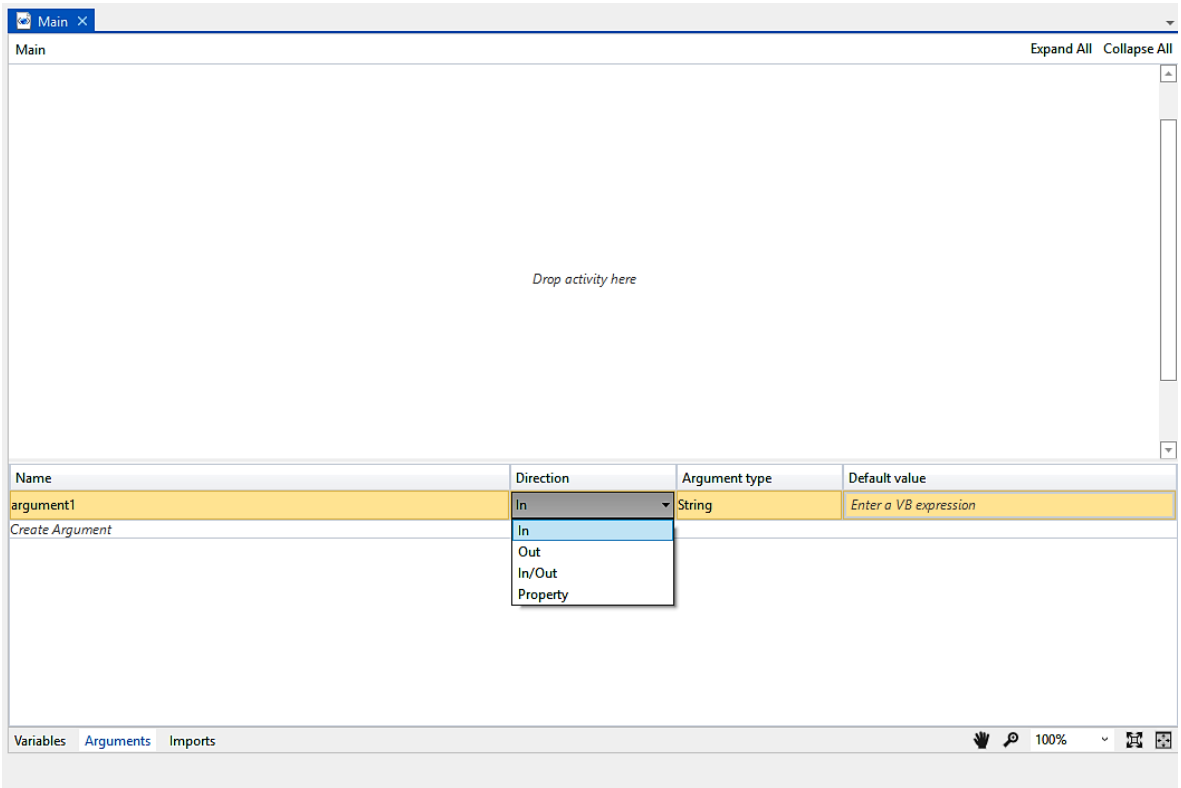

Main*
Main
Expand All
Collapse All
Flowchart
Start
Recording Sequence
Double-click to view
Name
Variable type
Scope
Default
ExtractDataTable
DataTable
Recording Sequence
New System.Data.DataTable
variable1
String
Recording Sequence
Enter a VB expression
Create Variable
Boolean
Int32
String
Object
Array of [T]
Browse for Types ...
Variables
Arguments
Imports
100%

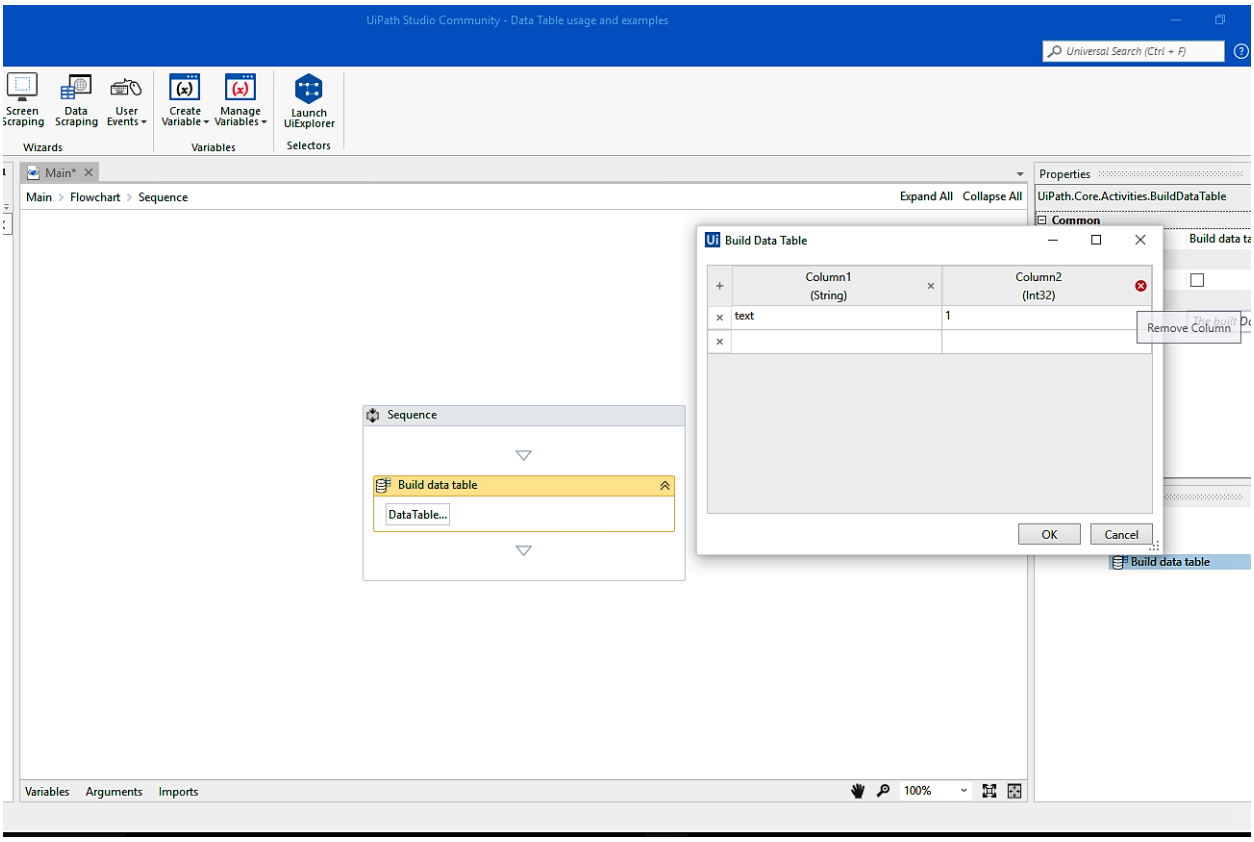

Main*
Main
Expand All
Collapse All
Start
Message box
Double-click to view
Name
Variable type
name
String
Create Variable
Variables
Arguments
Imports
Open
Cut
Copy
Paste
Delete
Annotations
Copy as Image
Save as Image
Create Variable
Remove Sequence
Surround with Try Catch (Ctrl+T)
Extract as Workflow
Open Workflow
Disable Activity (Ctrl+D)
Enable Activity (Ctrl+E)
Set as Start Node

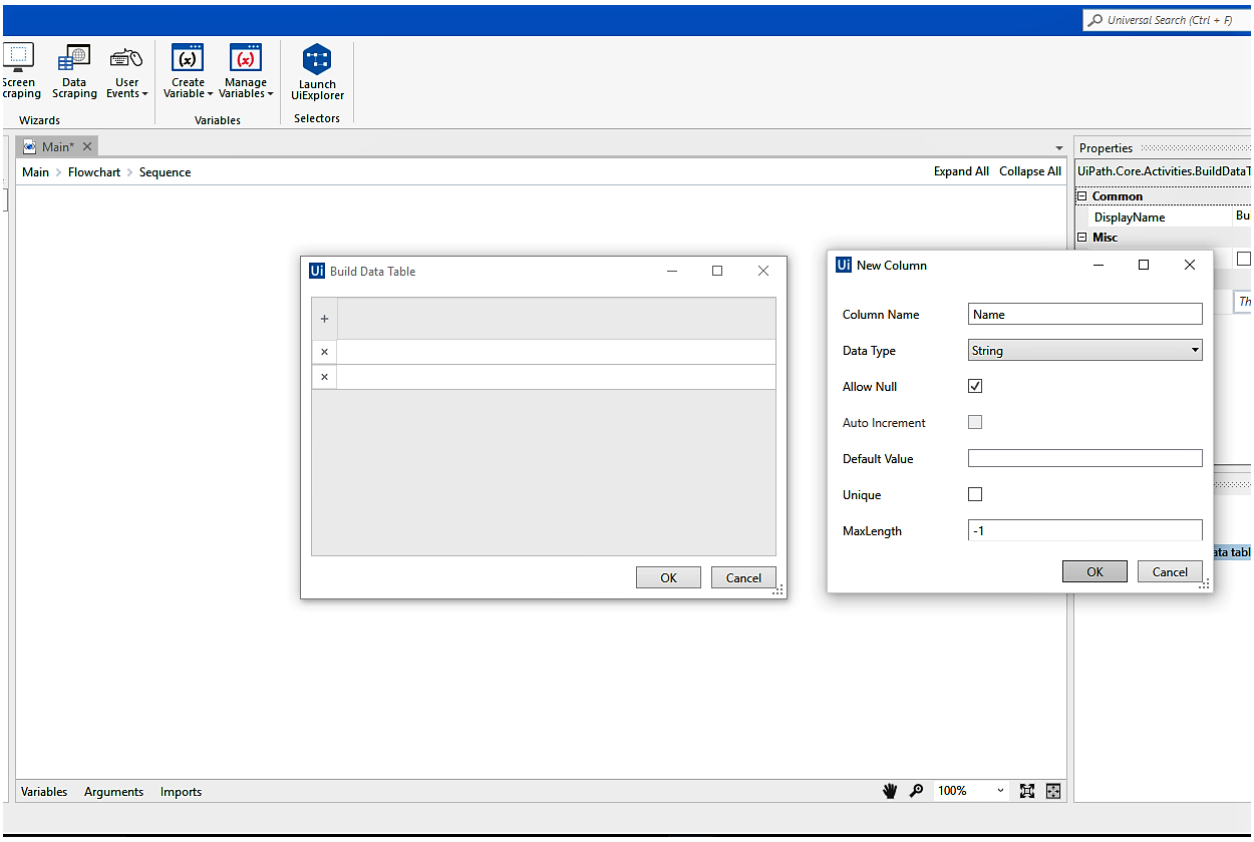

Main
Main > Flowchart
Expand All
Collapse All
Start
Message box
Double-click to view
Name
Variable type
Scope
Default
name
String
Flowchart
"Hello world"
Create Variable
Variables
Arguments
Imports
100%

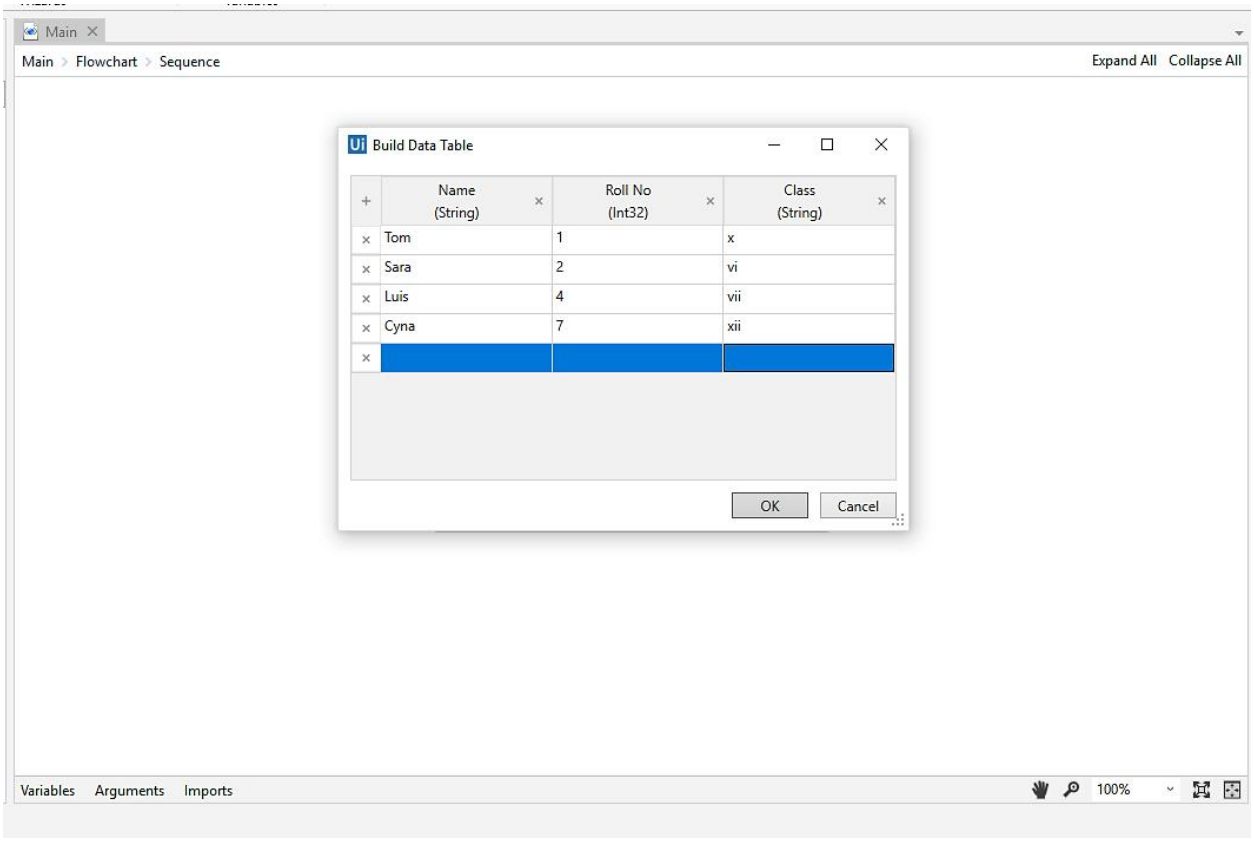

Main
Main > Flowchart
Expand All
Collapse All
Flowchart
Start
Sequence
Double-click to view
Name
Variable type
Scope
Default
arr
System.Int32[]
Sequence
{1,2,3,4,5}
Create Variable
Boolean
Int32
String
Object
System.Int32[]
Array of [T]
Browse for Types ...
Variables
Arguments
Imports
100%

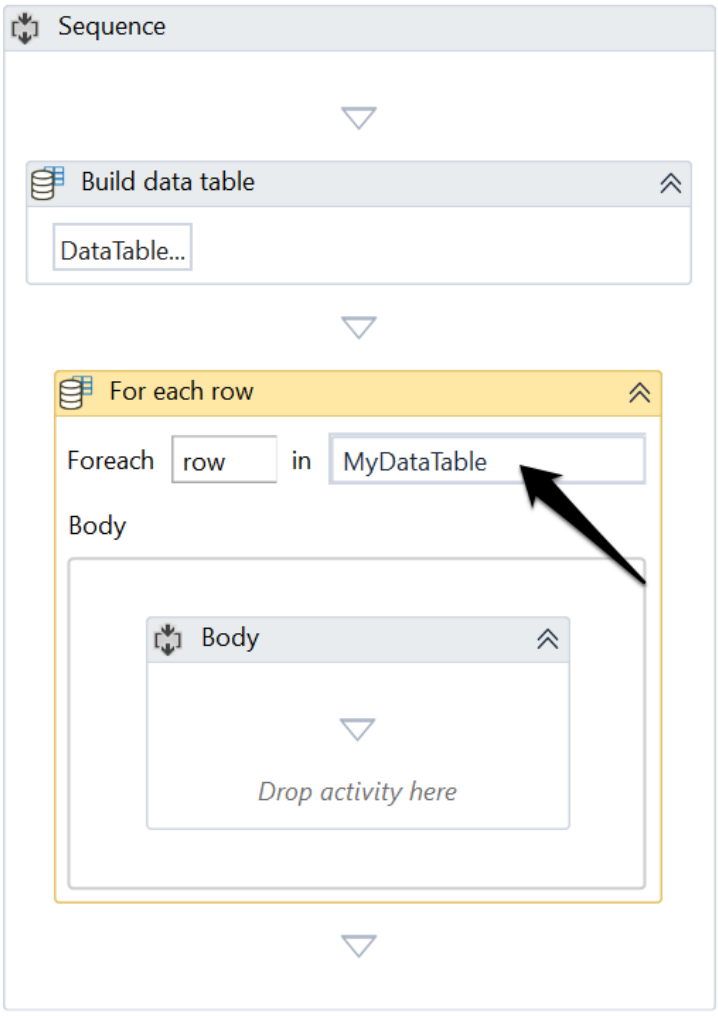

Sequence
For each
Foreach
item
in
arr
Body
Body
Message box
item.ToString

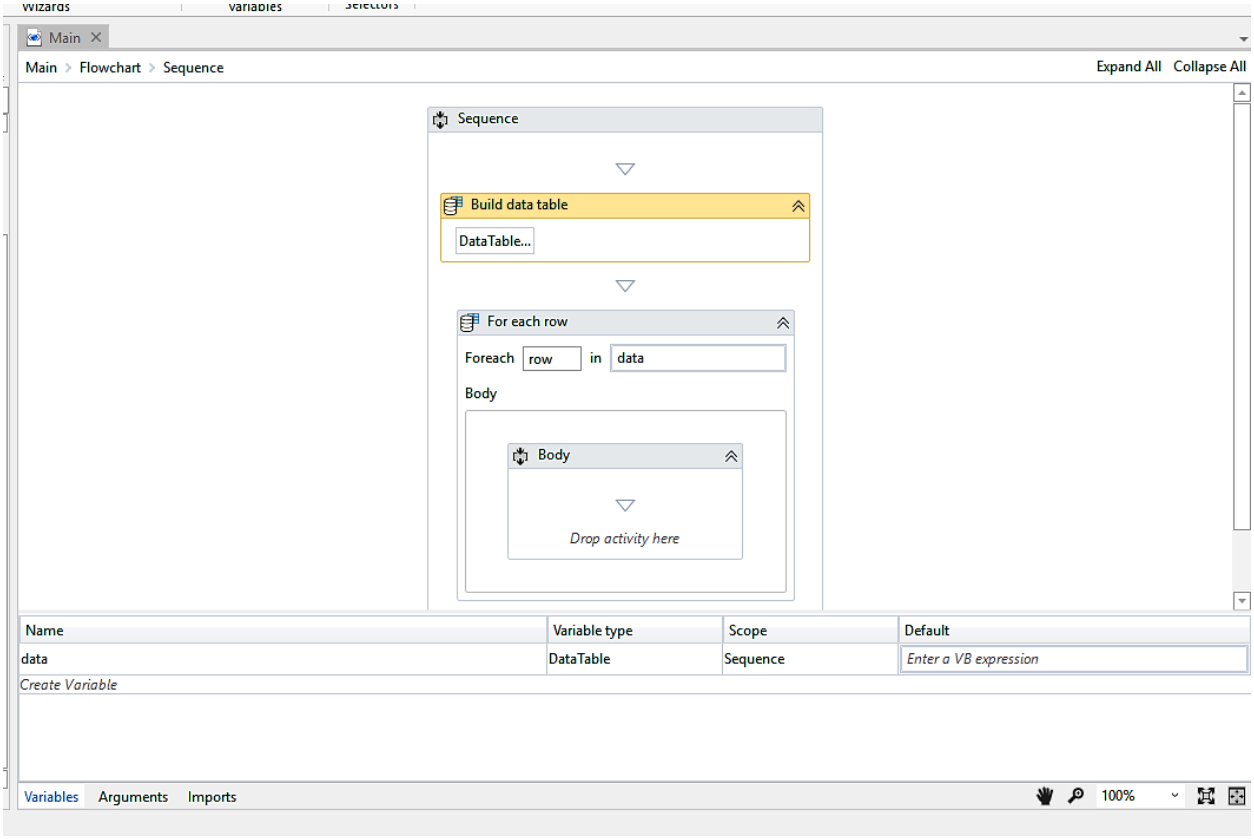

Main
Main
Expand All
Collapse All
Drop activity here
Name
Direction
Argument type
Default value
argument1
In
String
Enter a VB expression
Create Argument
In
Out
In/Out
Property
Variables
Arguments
Imports
100%

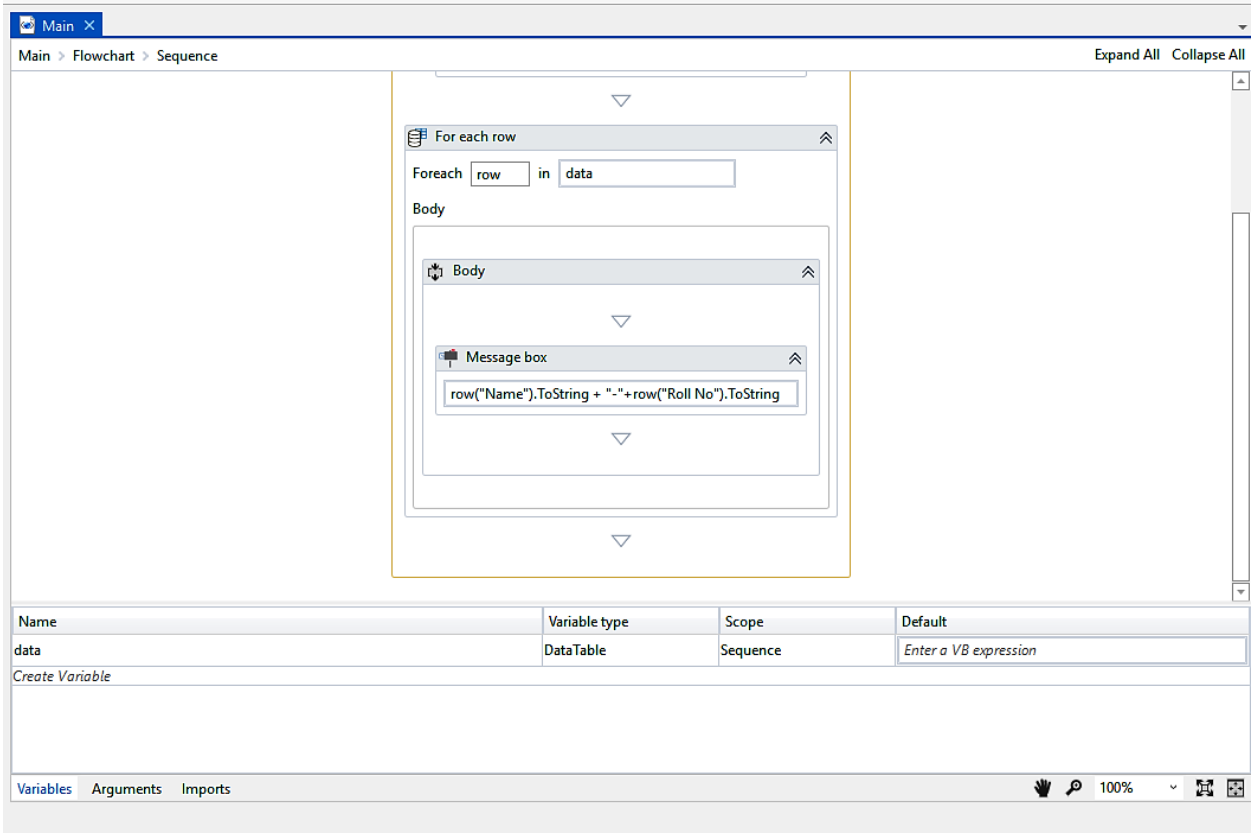

UiPath Studio Community - Data Table usage and examples
Universal Search (Ctrl + F)
Screen Scraping
Data Scraping
User Events
Wizards
Create Variable
Manage Variables
Variables
Launch UiExplorer
Selectors
Main*
Main
Flowchart
Sequence
Expand All
Collapse All
Properties
UiPath.Core.Activities.BuildDataTable
Common
Build data ta
Build Data Table
Column1
(String)
Column2
(Int32)
text
1
Remove Column
Sequence
Build data table
DataTable...
OK
Cancel
Build data table
Variables
Arguments
Imports
100%

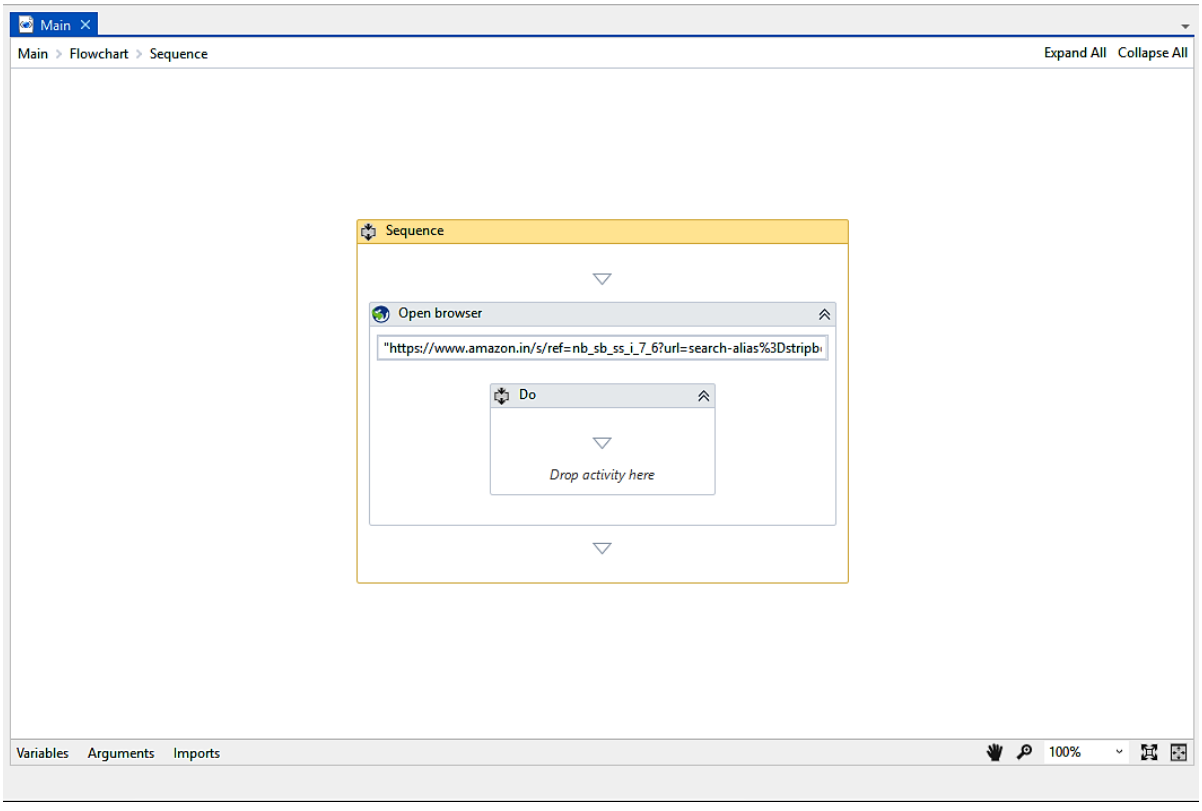

Universal Search (Ctrl + F)
Screen craping
Data Scraping
User Events
Create Variable
Manage Variables
Launch UiExplorer
Wizards
Variables
Selectors
Main*
Main
Flowchart
Sequence
Expand All
Collapse All
Properties
UiPath.Core.Activities.BuildDataT
Common
DisplayName
Misc
Build Data Table
OK
Cancel
New Column
Column Name
Name
Data Type
String
Allow Null
Auto Increment
Default Value
Unique
MaxLength
-1
OK
Cancel
Variables
Arguments
Imports
100%

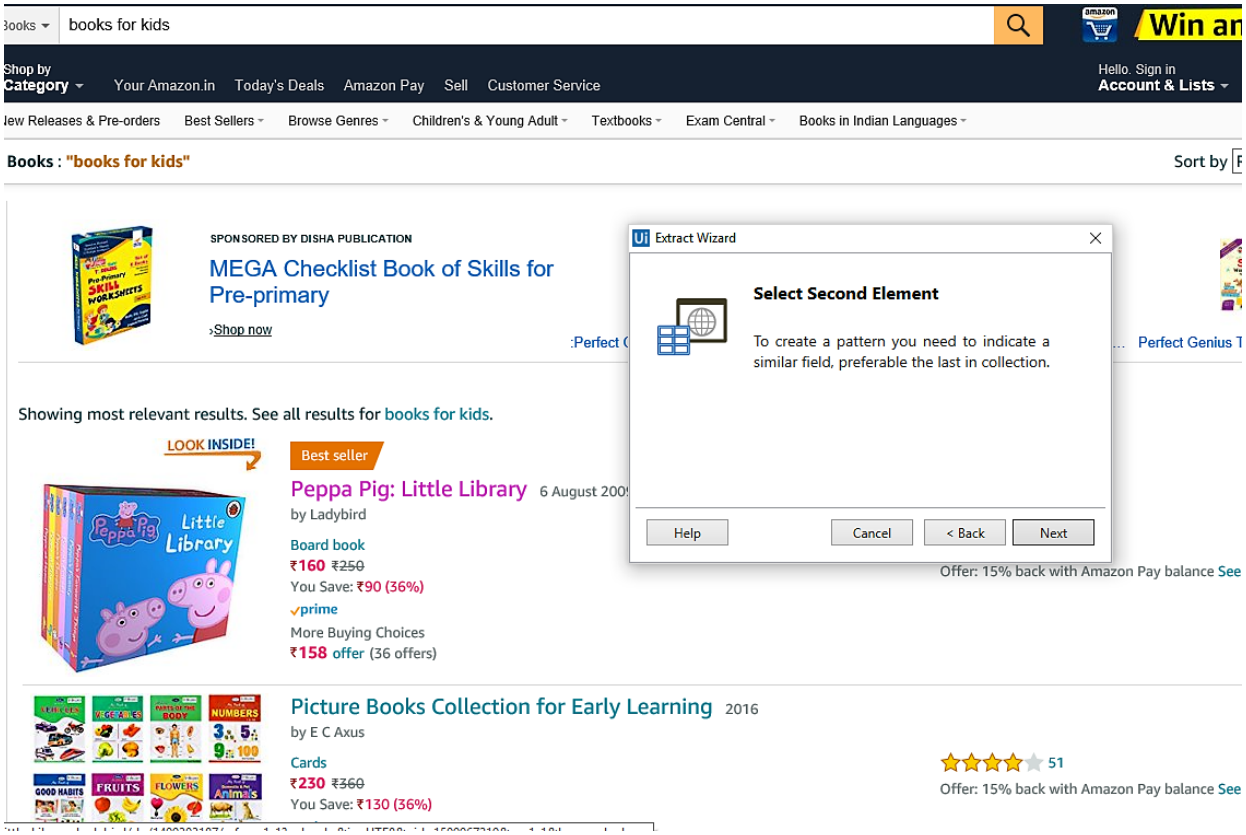

Main
Main > Flowchart > Sequence
Expand All
Collapse All
Build Data Table
Name (String)
Roll No (Int32)
Class (String)
Tom
1
x
Sara
2
vi
Luis
4
vii
Cyna
7
xii
OK
Cancel
Variables
Arguments
Imports
100%

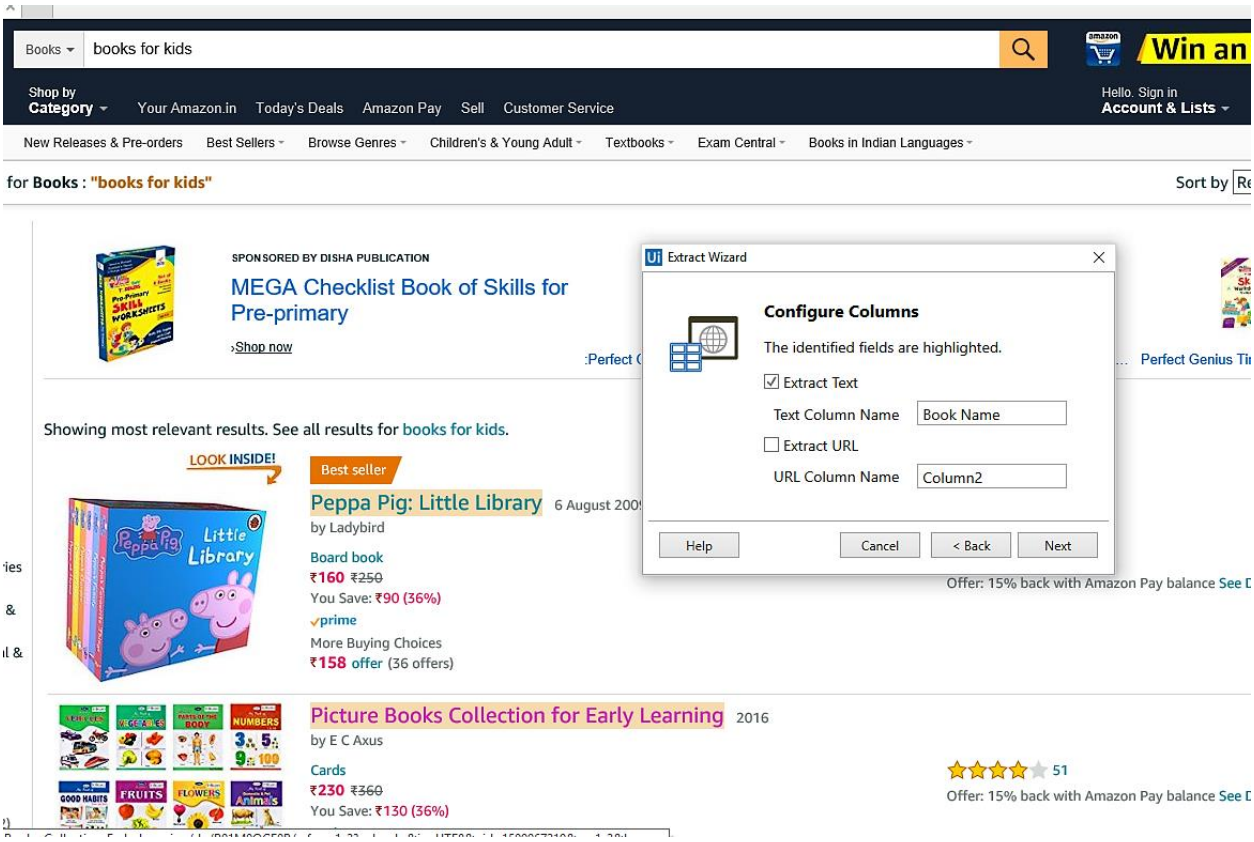

Sequence
Build data table
DataTable...
For each row
Foreach
row
in
MyDataTable
Body
Body
Drop activity here

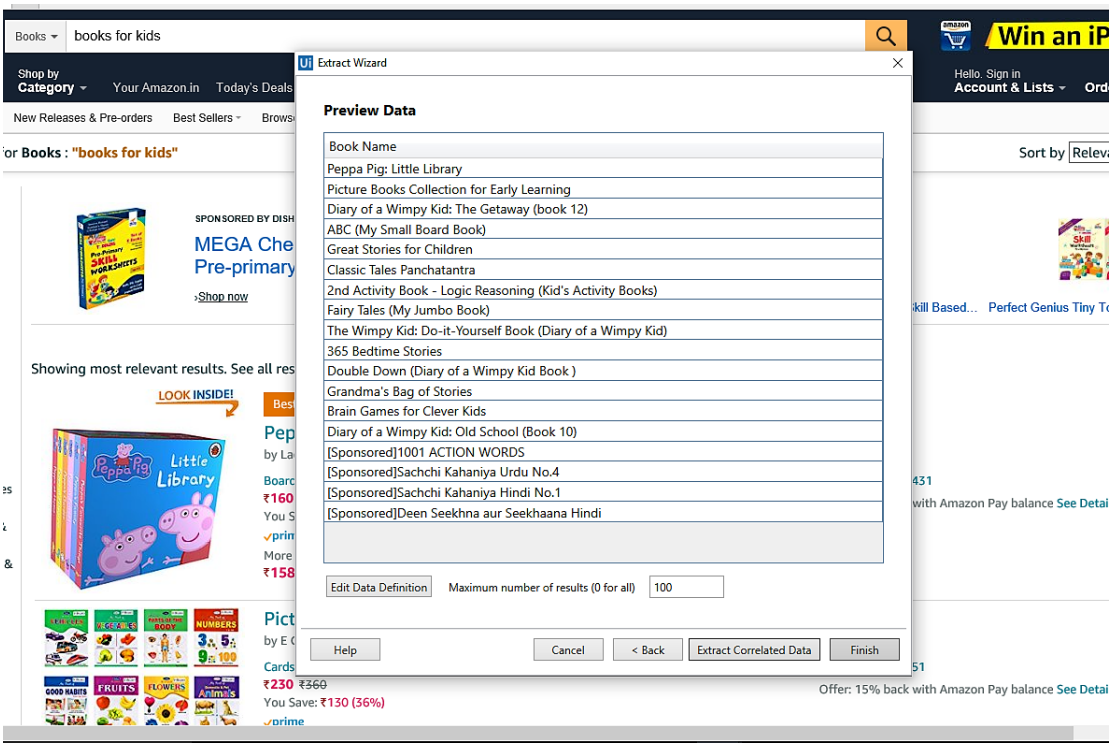

Wizards
Variables
Selectors
Main
Main > Flowchart > Sequence
Expand All
Collapse All
Sequence
Build data table
DataTable...
For each row
Foreach
row
in
data
Body
Body
Drop activity here
Name
Variable type
Scope
Default
data
DataTable
Sequence
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

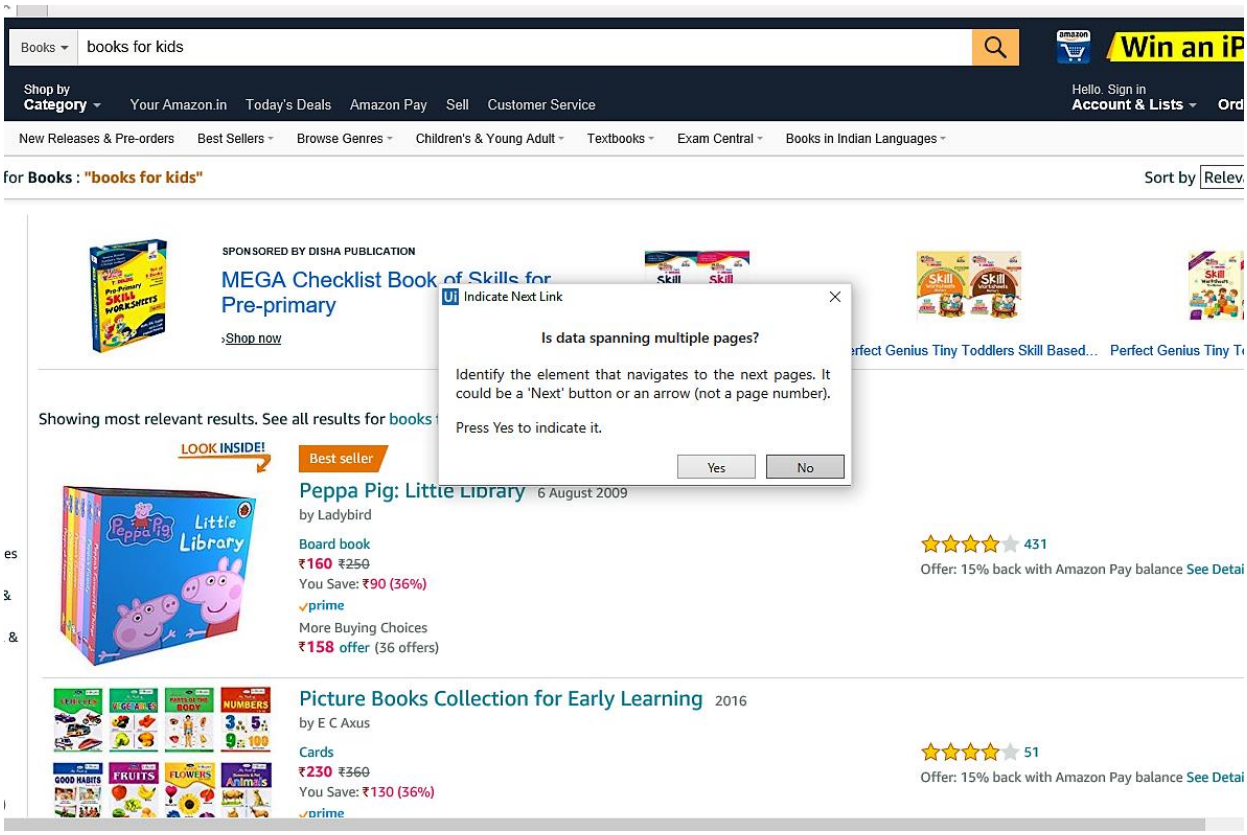

Main
Main > Flowchart > Sequence
Expand All
Collapse All
For each row
Foreach
row
in
data
Body
Body
Message box
row("Name").ToString + "-"+row("Roll No").ToString
Name
Variable type
Scope
Default
data
DataTable
Sequence
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

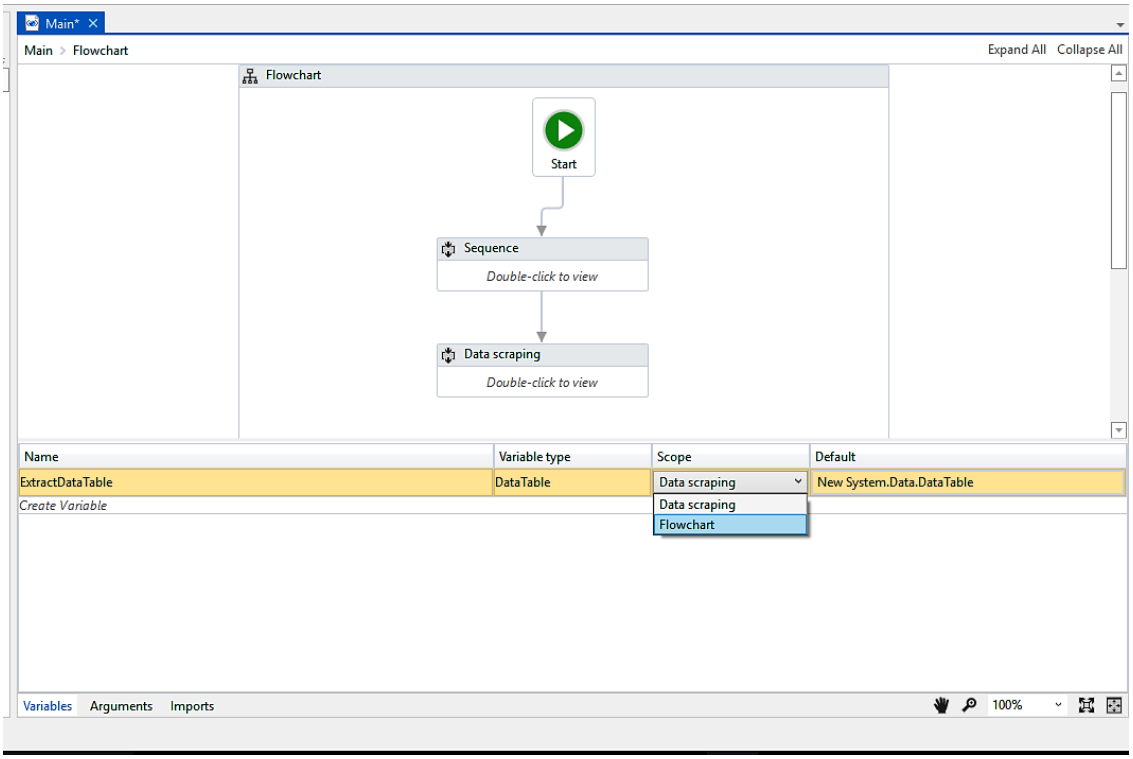

Main
Main > Flowchart > Sequence
Expand All
Collapse All
Sequence
Open browser
"https://www.amazon.in/s/ref=nb_sb_ss_i_7_6?url=search-alias%3Dstripb
Do
Drop activity here
Variables
Arguments
Imports
100%

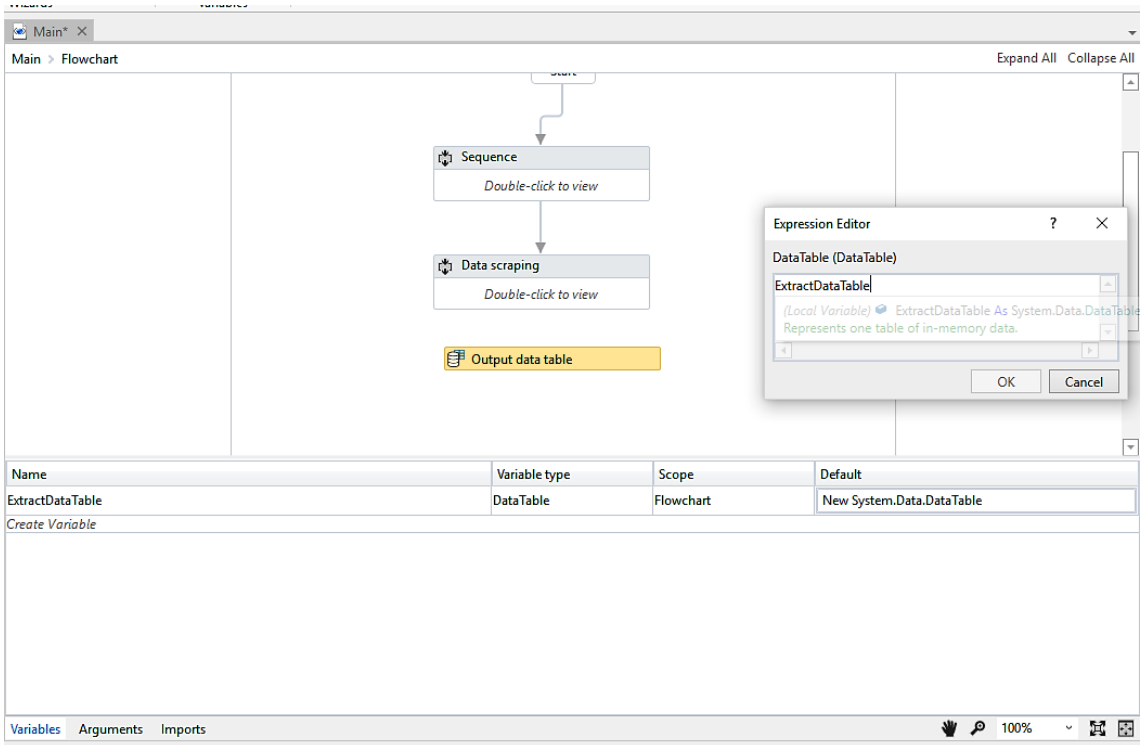

books for kids
Win an
Shop by Category
Your Amazon.in
Today's Deals
Amazon Pay
Sell
Customer Service
Hello. Sign in
Account & Lists
New Releases & Pre-orders
Best Sellers
Browse Genres
Children's & Young Adult
Textbooks
Exam Central
Books in Indian Languages
Books : "books for kids"
Sort by
SPONSORED BY DISHA PUBLICATION
MEGA Checklist Book of Skills for Pre-primary
›Shop now
Extract Wizard
Select Second Element
To create a pattern you need to indicate a similar field, preferable the last in collection.
Help
Cancel
< Back
Next
Showing most relevant results. See all results for books for kids.
LOOK INSIDE!
Best seller
Peppa Pig: Little Library
by Ladybird
Board book
₹160 ₹250
You Save: ₹90 (36%)
prime
More Buying Choices
₹158 offer (36 offers)
Offer: 15% back with Amazon Pay balance See
Picture Books Collection for Early Learning 2016
by E C Axus
Cards
₹230 ₹360
You Save: ₹130 (36%)
51
Offer: 15% back with Amazon Pay balance See

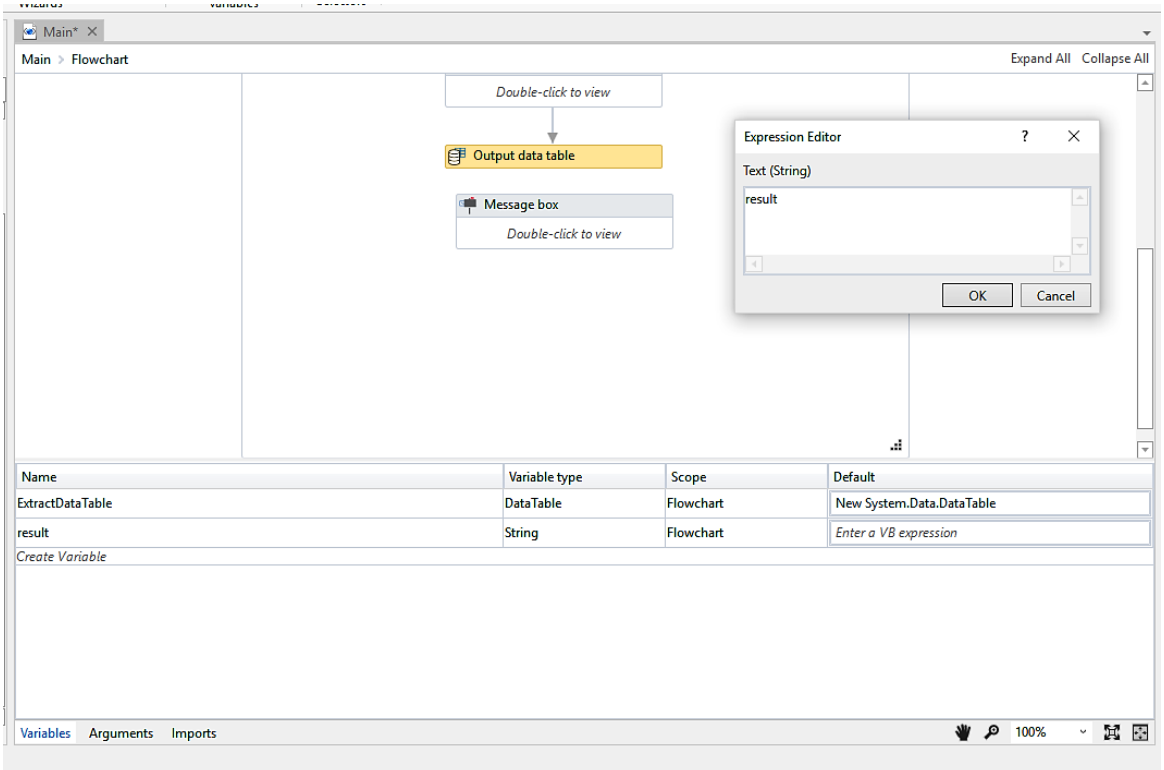

Books
books for kids
Win an
Shop by Category
Your Amazon.in
Today's Deals
Amazon Pay
Sell
Customer Service
Hello. Sign in Account & Lists
New Releases & Pre-orders
Best Sellers
Browse Genres
Children's & Young Adult
Textbooks
Exam Central
Books in Indian Languages
for Books : "books for kids"
Sort by
SPONSORED BY DISHA PUBLICATION
MEGA Checklist Book of Skills for Pre-primary
›Shop now
Extract Wizard
Configure Columns
The identified fields are highlighted.
Extract Text
Text Column Name
Book Name
Extract URL
URL Column Name
Column2
Help
Cancel
< Back
Next
Showing most relevant results. See all results for books for kids.
LOOK INSIDE!
Best seller
Peppa Pig: Little Library
6 August 200
by Ladybird
Board book
₹160 ₹250
You Save: ₹90 (36%)
prime
More Buying Choices
₹158 offer (36 offers)
Picture Books Collection for Early Learning
2016
by E C Axus
Cards
₹230 ₹360
You Save: ₹130 (36%)
51
Offer: 15% back with Amazon Pay balance See D

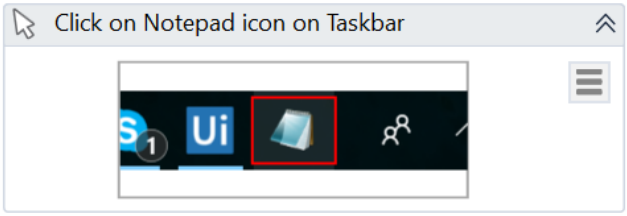

Books
books for kids
Win an iP
Shop by Category
Your Amazon.in
Today's Deals
Hello. Sign in Account & Lists
New Releases & Pre-orders
Best Sellers
for Books : "books for kids"
Sort by
Extract Wizard
Preview Data
Book Name
Peppa Pig: Little Library
Picture Books Collection for Early Learning
Diary of a Wimpy Kid: The Getaway (book 12)
ABC (My Small Board Book)
Great Stories for Children
Classic Tales Panchatantra
2nd Activity Book - Logic Reasoning (Kid's Activity Books)
Fairy Tales (My Jumbo Book)
The Wimpy Kid: Do-it-Yourself Book (Diary of a Wimpy Kid)
365 Bedtime Stories
Double Down (Diary of a Wimpy Kid Book)
Grandma's Bag of Stories
Brain Games for Clever Kids
Diary of a Wimpy Kid: Old School (Book 10)
[Sponsored]1001 ACTION WORDS
[Sponsored]Sachchi Kahaniya Urdu No.4
[Sponsored]Sachchi Kahaniya Hindi No.1
[Sponsored]Deen Seekhna aur Seekhaana Hindi
Edit Data Definition
Maximum number of results (0 for all)
100
Help
Cancel
< Back
Extract Correlated Data
Finish
Showing most relevant results. See all res
LOOK INSIDE!
Offer: 15% back with Amazon Pay balance See Detai

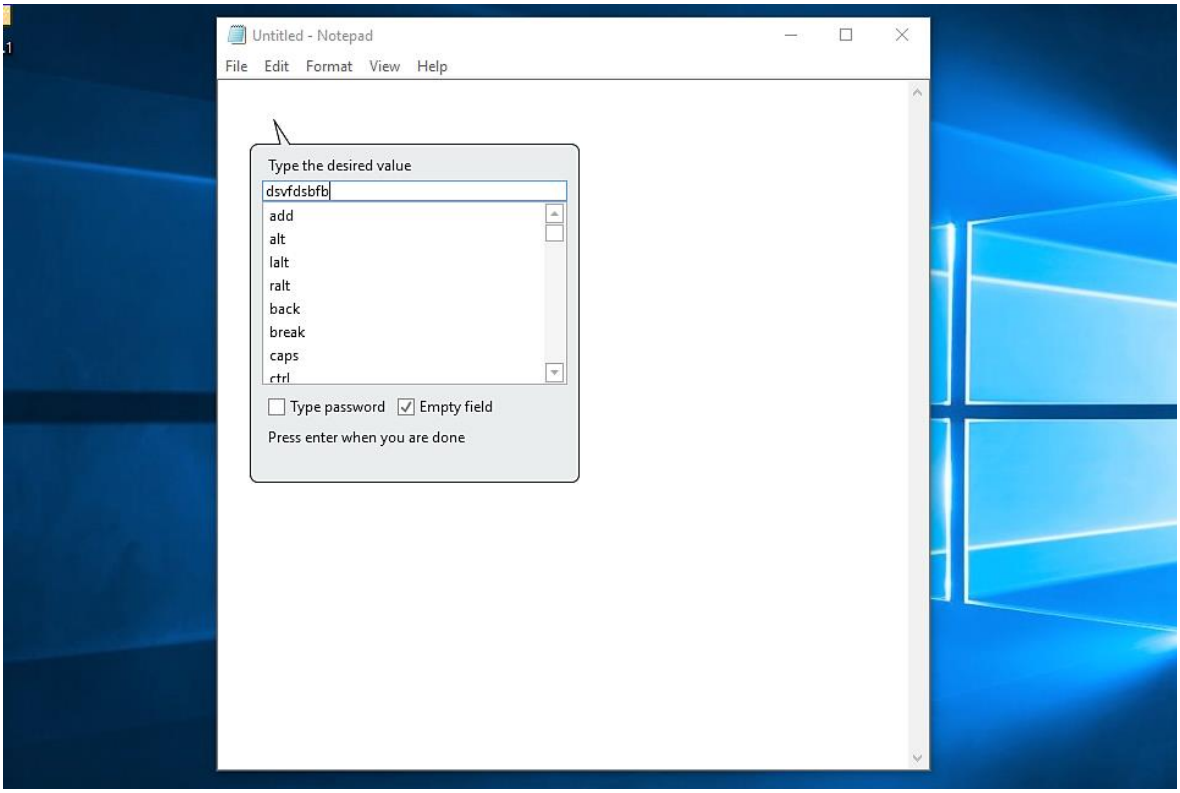

Books
books for kids
Win an iP
Shop by Category
Your Amazon.in
Today's Deals
Amazon Pay
Sell
Customer Service
Hello. Sign in
Account & Lists
New Releases & Pre-orders
Best Sellers
Browse Genres
Children's & Young Adult
Textbooks
Exam Central
Books in Indian Languages
for Books : "books for kids"
Sort by
SPONSORED BY DISHA PUBLICATION
MEGA Checklist Book of Skills for Pre-primary
›Shop now
Indicate Next Link
Is data spanning multiple pages?
Identify the element that navigates to the next pages. It could be a 'Next' button or an arrow (not a page number).
Press Yes to indicate it.
Yes
No
Perfect Genius Tiny Toddlers Skill Based...
Showing most relevant results. See all results for books
LOOK INSIDE!
Best seller
Peppa Pig: Little Library 6 August 2009
by Ladybird
Board book
₹160 ₹250
You Save: ₹90 (36%)
prime
More Buying Choices
₹158 offer (36 offers)
431
Offer: 15% back with Amazon Pay balance See Detai
Picture Books Collection for Early Learning 2016
by E C Axus
Cards
₹230 ₹360
You Save: ₹130 (36%)
prime
51
Offer: 15% back with Amazon Pay balance See Detai

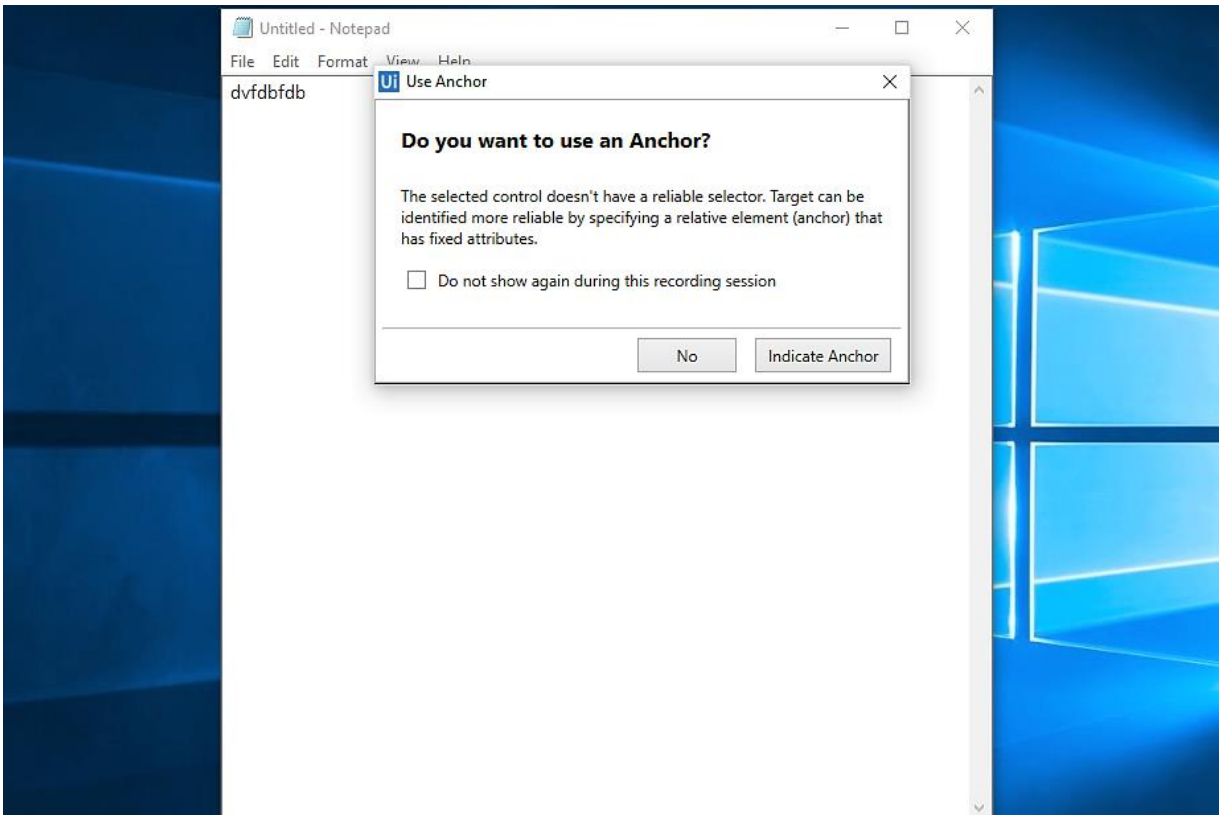

Main*
Main
Flowchart
Expand All
Collapse All
Flowchart
Start
Sequence
Double-click to view
Data scraping
Double-click to view
Name
Variable type
Scope
Default
ExtractDataTable
DataTable
Data scraping
New System.Data.DataTable
Create Variable
Data scraping
Flowchart
Variables
Arguments
Imports
100%

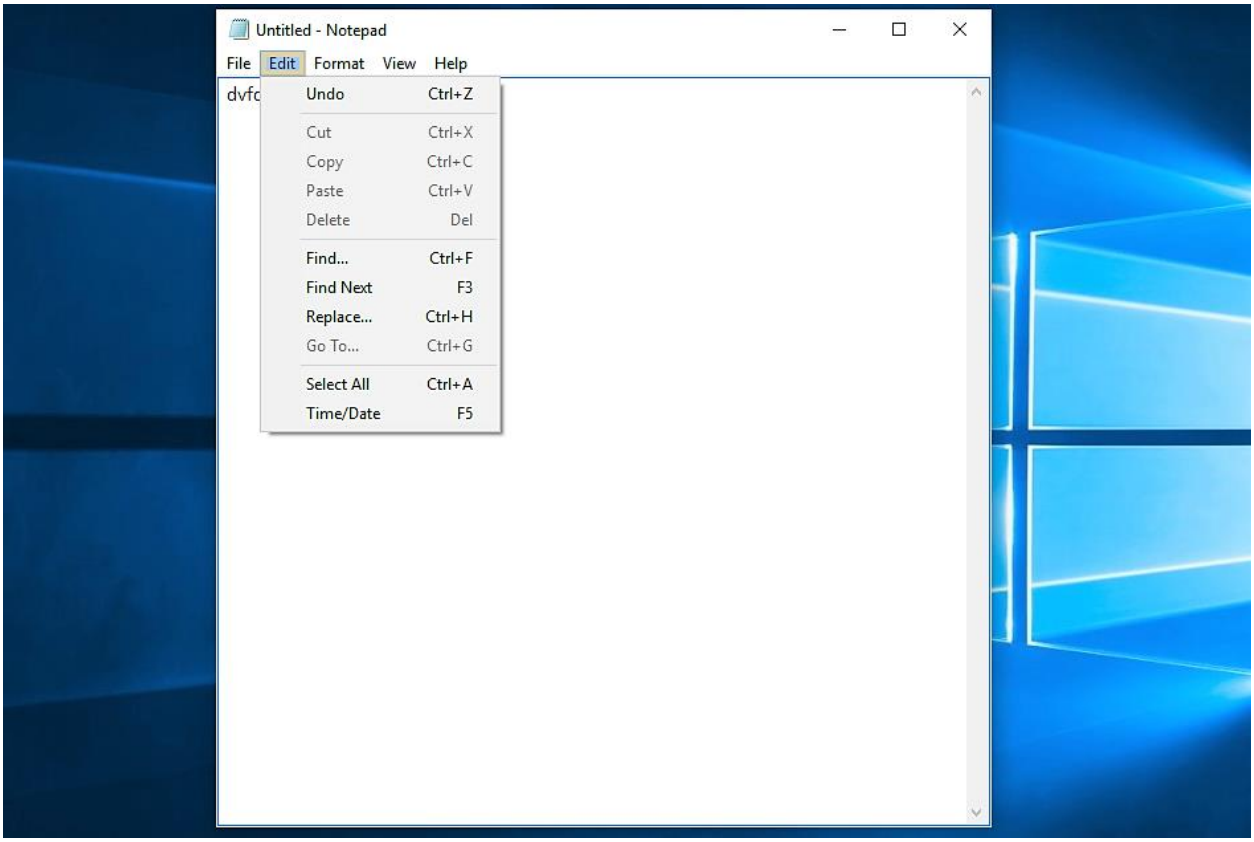

Main*
Main
Flowchart
Expand All
Collapse All
Sequence
Double-click to view
Data scraping
Double-click to view
Output data table
Expression Editor
DataTable (DataTable)
ExtractDataTable
(Local Variable) ExtractDataTable As System.Data.DataTable
Represents one table of in-memory data.
OK
Cancel
Name
Variable type
Scope
Default
ExtractDataTable
DataTable
Flowchart
New System.Data.DataTable
Create Variable
Variables
Arguments
Imports
100%

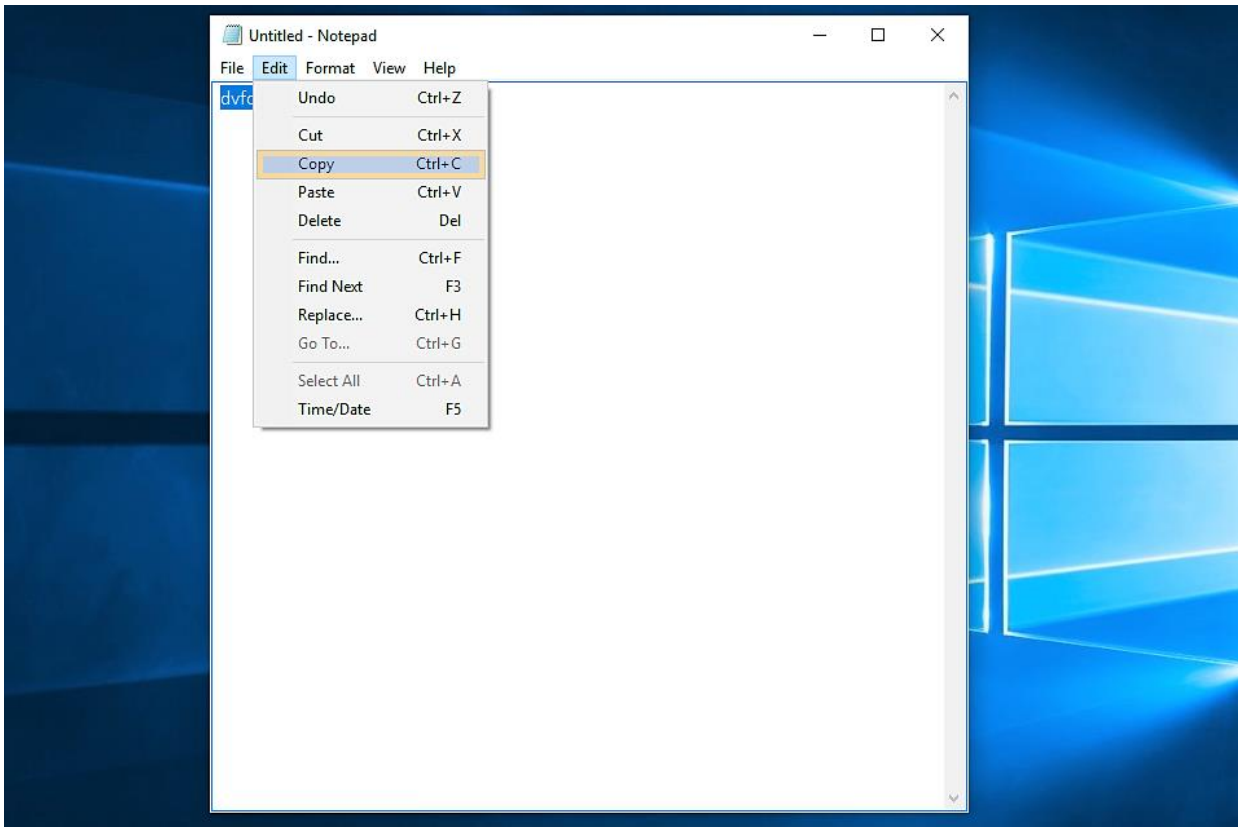

Main*
Main
Flowchart
Expand All
Collapse All
Double-click to view
Output data table
Message box
Double-click to view
Expression Editor
Text (String)
result
OK
Cancel
Name
Variable type
Scope
Default
ExtractDataTable
DataTable
Flowchart
New System.Data.DataTable
result
String
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

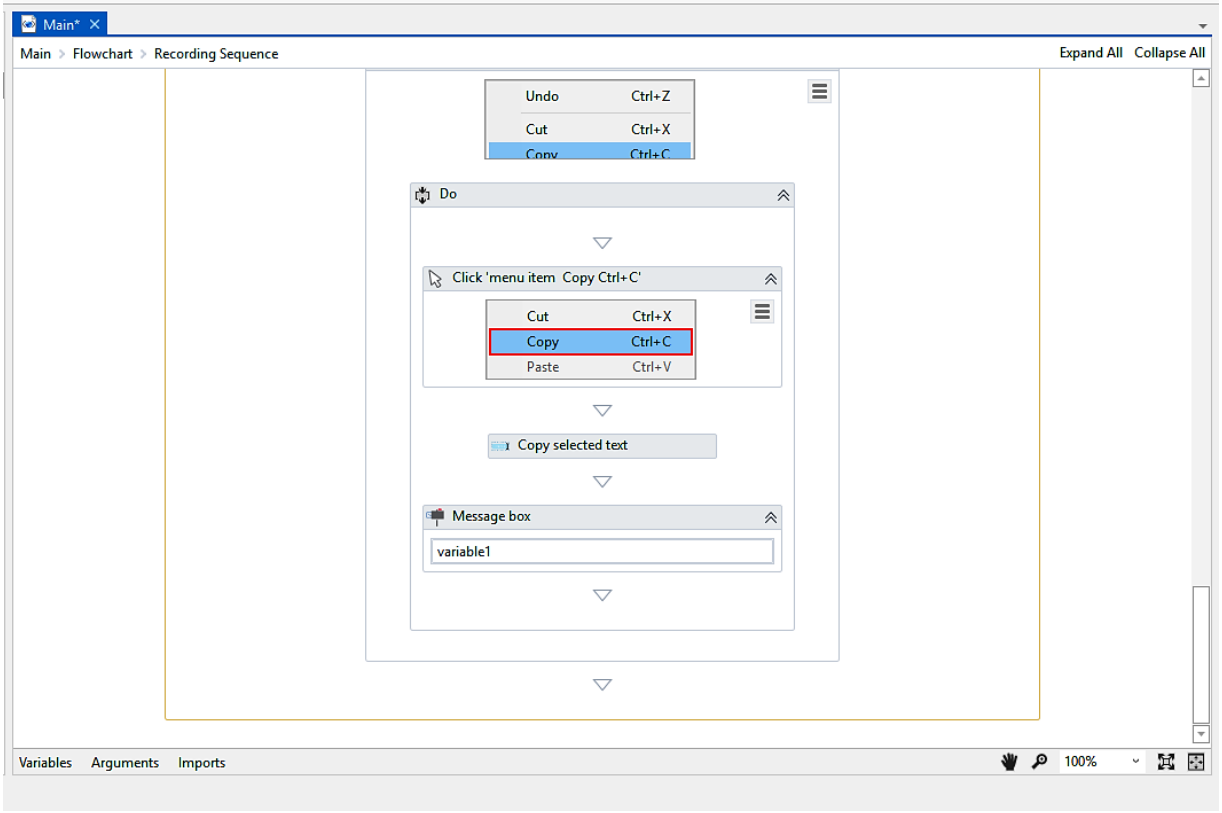

Click on Notepad icon on Taskbar

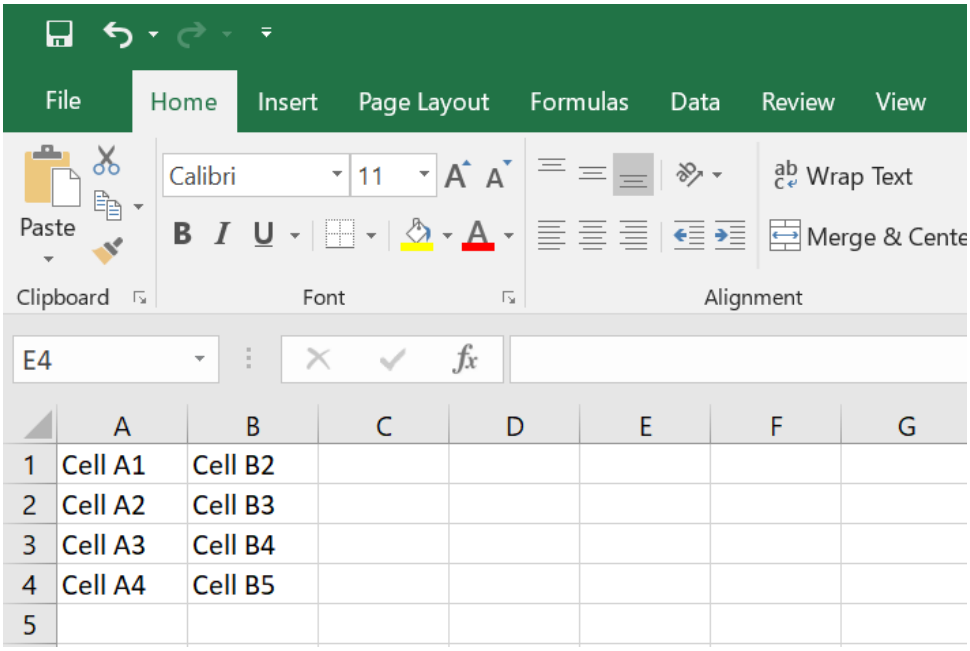

Untitled - Notepad
File Edit Format View Help
Type the desired value
dsvfdsbfb
add
alt
lalt
ralt
back
break
caps
ctrl
Type password
Empty field
Press enter when you are done

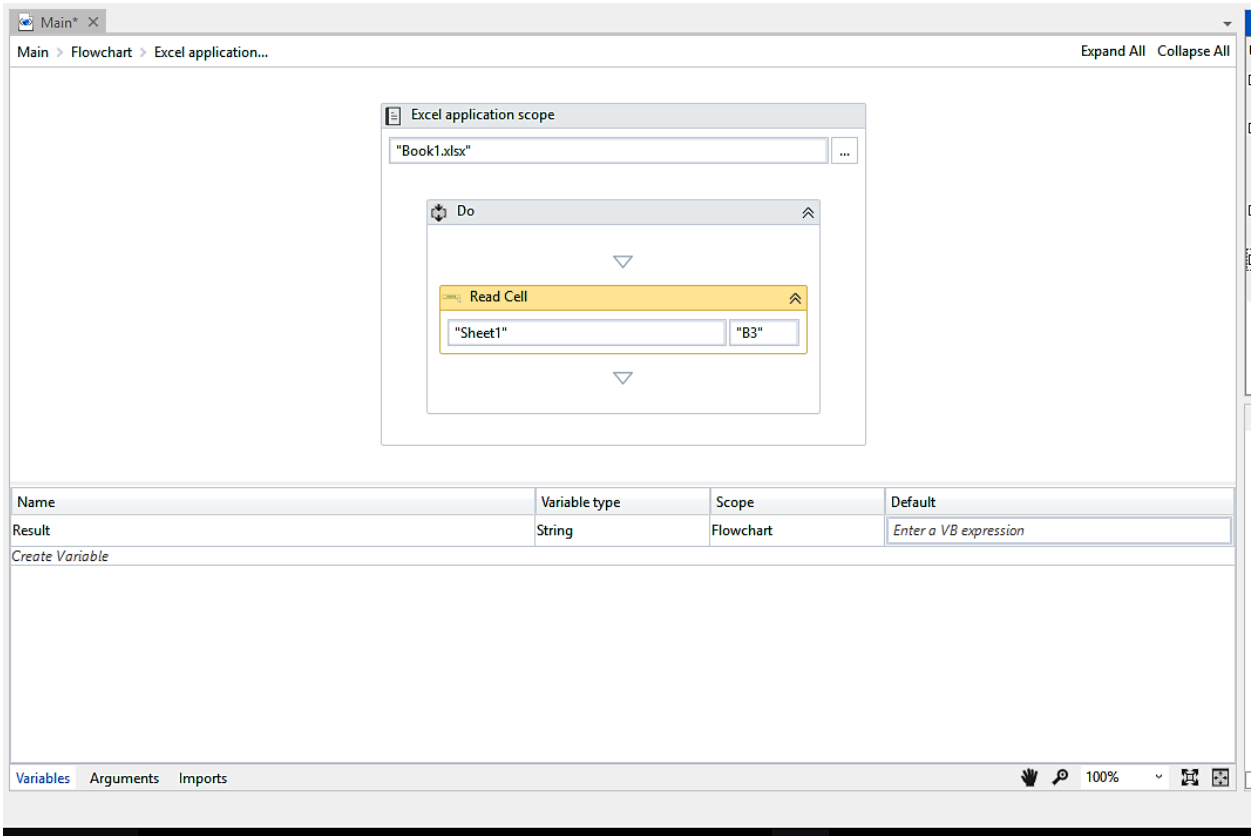

Untitled - Notepad
File Edit Format View Help
dvfdbfdb
Use Anchor
Do you want to use an Anchor?
The selected control doesn't have a reliable selector. Target can be identified more reliable by specifying a relative element (anchor) that has fixed attributes.
Do not show again during this recording session
No
Indicate Anchor

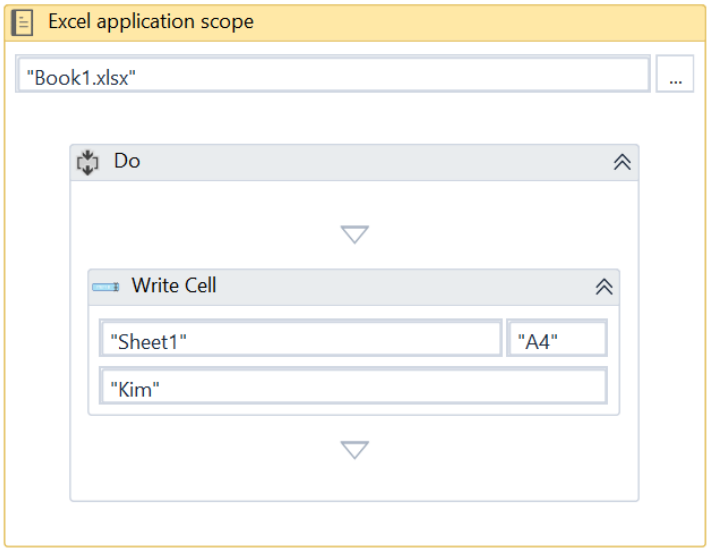

Untitled - Notepad
File
Edit
Format
View
Help
dvfc
Undo Ctrl+Z
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Delete Del
Find... Ctrl+F
Find Next F3
Replace... Ctrl+H
Go To... Ctrl+G
Select All Ctrl+A
Time/Date F5

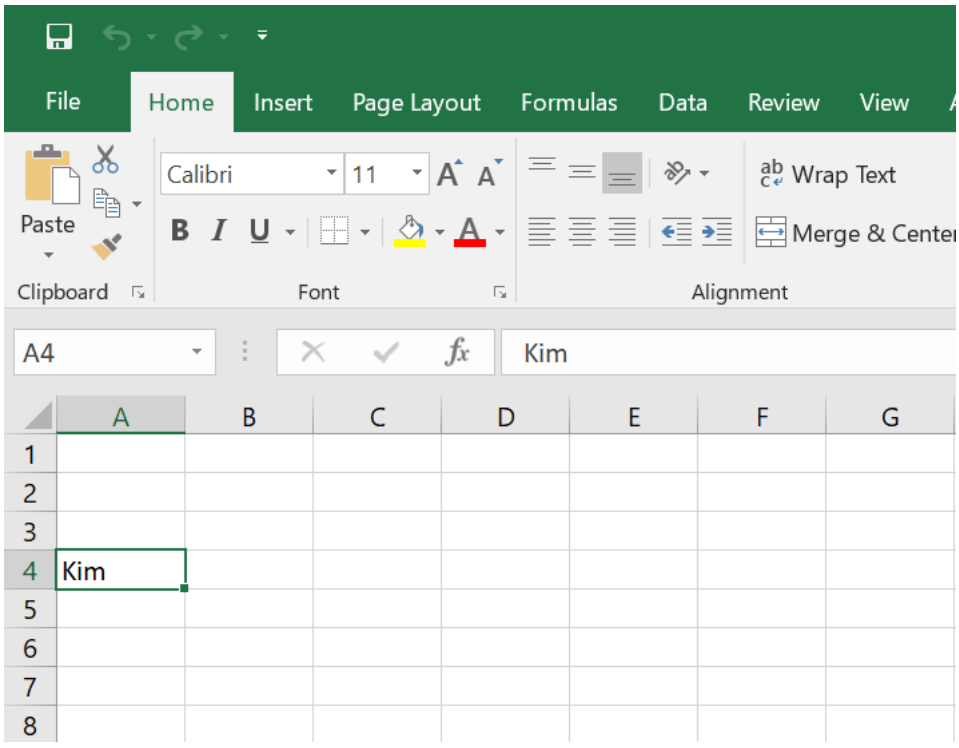

Untitled - Notepad
File
Edit
Format
View
Help
Undo Ctrl+Z
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Delete Del
Find... Ctrl+F
Find Next F3
Replace... Ctrl+H
Go To... Ctrl+G
Select All Ctrl+A
Time/Date F5

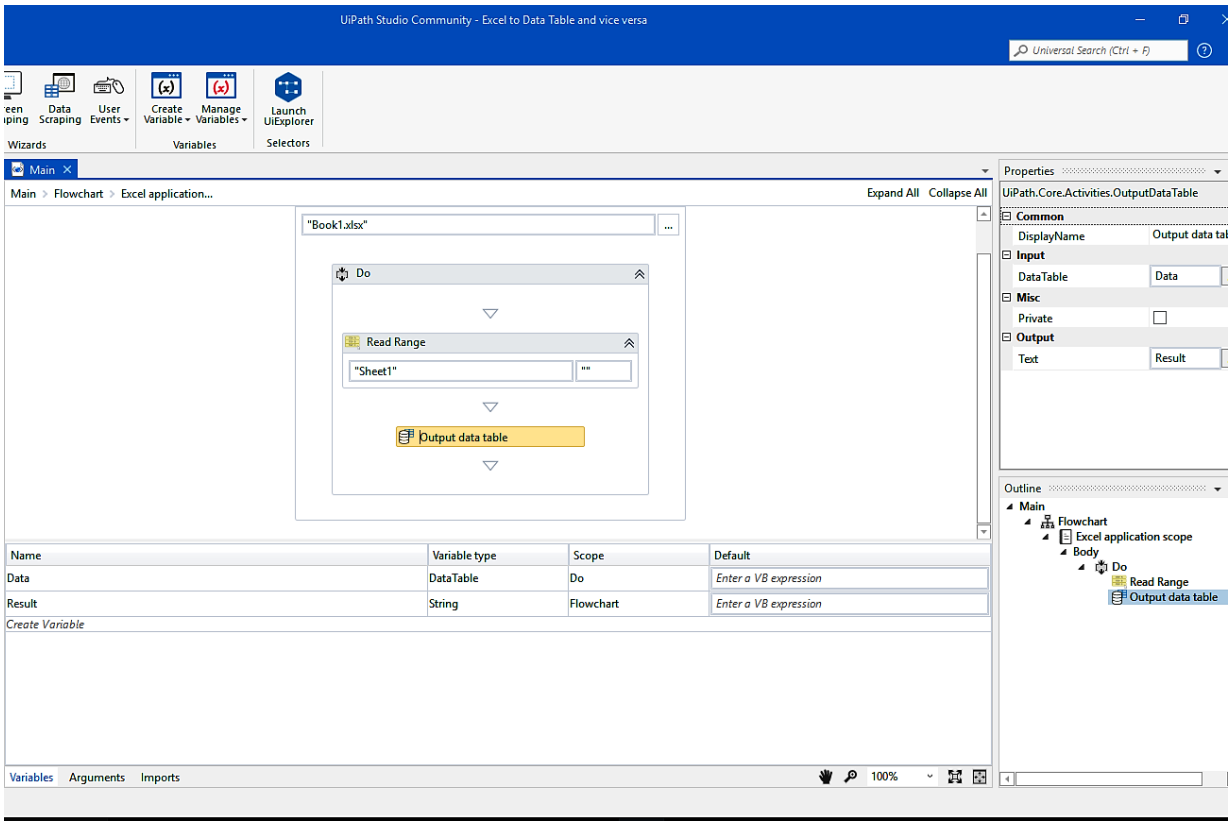

Main*
Main
Flowchart
Recording Sequence
Expand All
Collapse All
Undo Ctrl+Z
Cut Ctrl+X
Do
Click 'menu item Copy Ctrl+C'
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Copy selected text
Message box
variable1
Variables
Arguments
Imports
100%

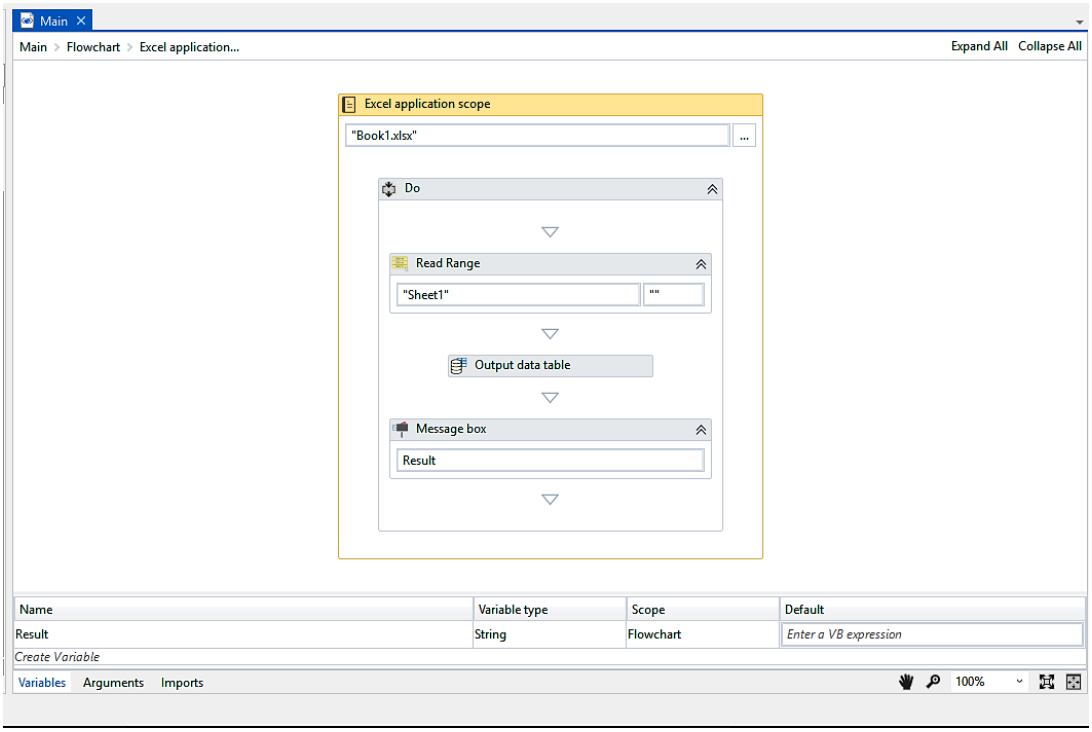

File
Home
Insert
Page Layout
Formulas
Data
Review
View
Paste
Calibri
11
Wrap Text
Merge & Cente
Clipboard
Font
Alignment
E4
A
B
C
D
E
F
G
1 Cell A1 Cell B2
2 Cell A2 Cell B3
3 Cell A3 Cell B4
4 Cell A4 Cell B5
5

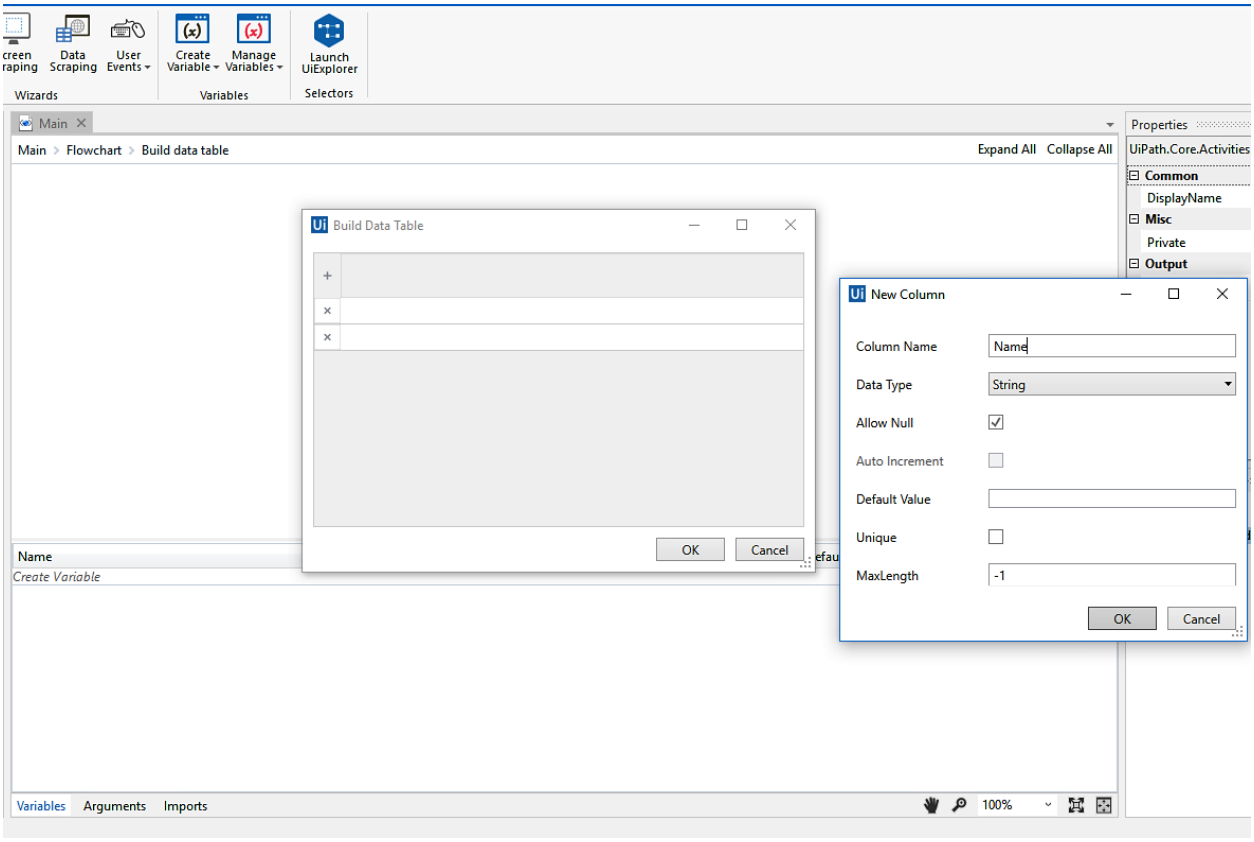

Main*
Main > Flowchart > Excel application...
Expand All
Collapse All
Excel application scope
"Book1.xlsx"
Do
Read Cell
"Sheet1"
"B3"
Name
Variable type
Scope
Default
Result
String
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

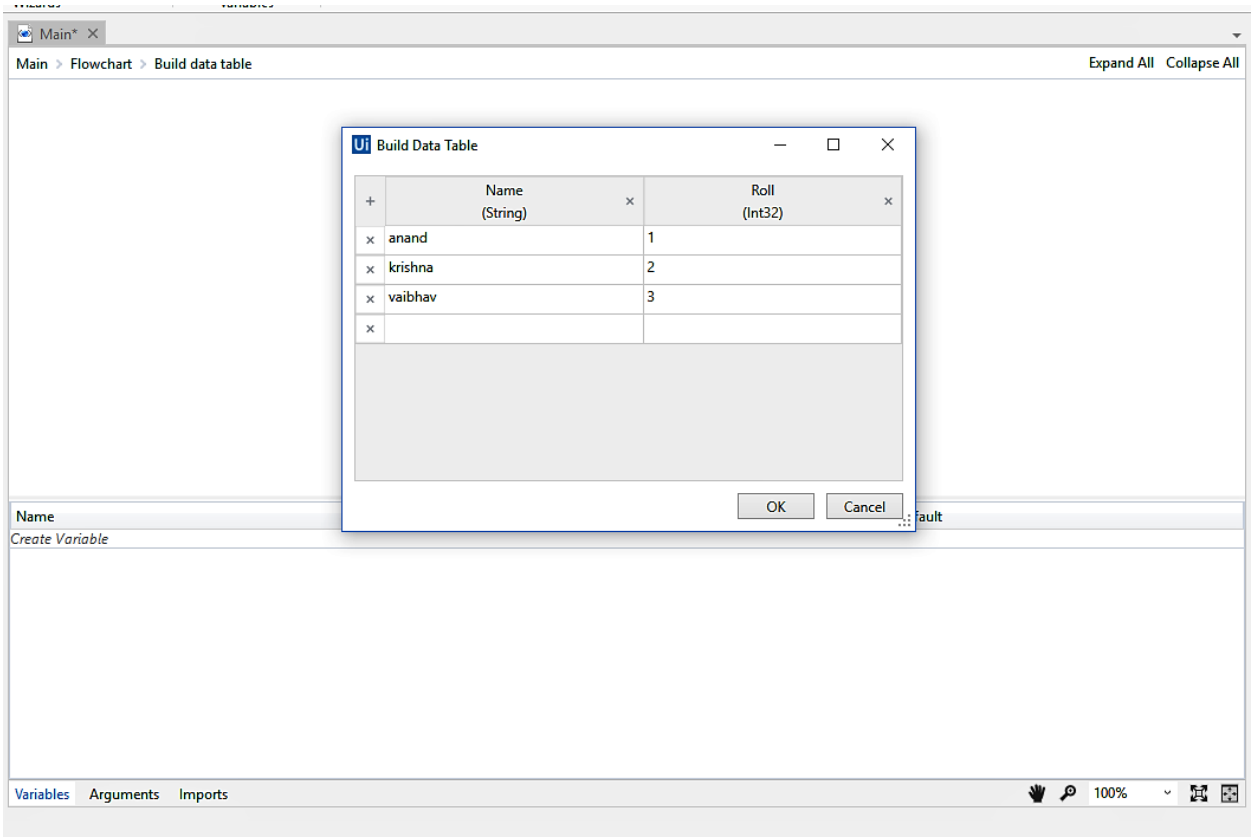

Excel application scope
"Book1.xlsx"
...
Do
Write Cell
"Sheet1"
"A4"
"Kim"

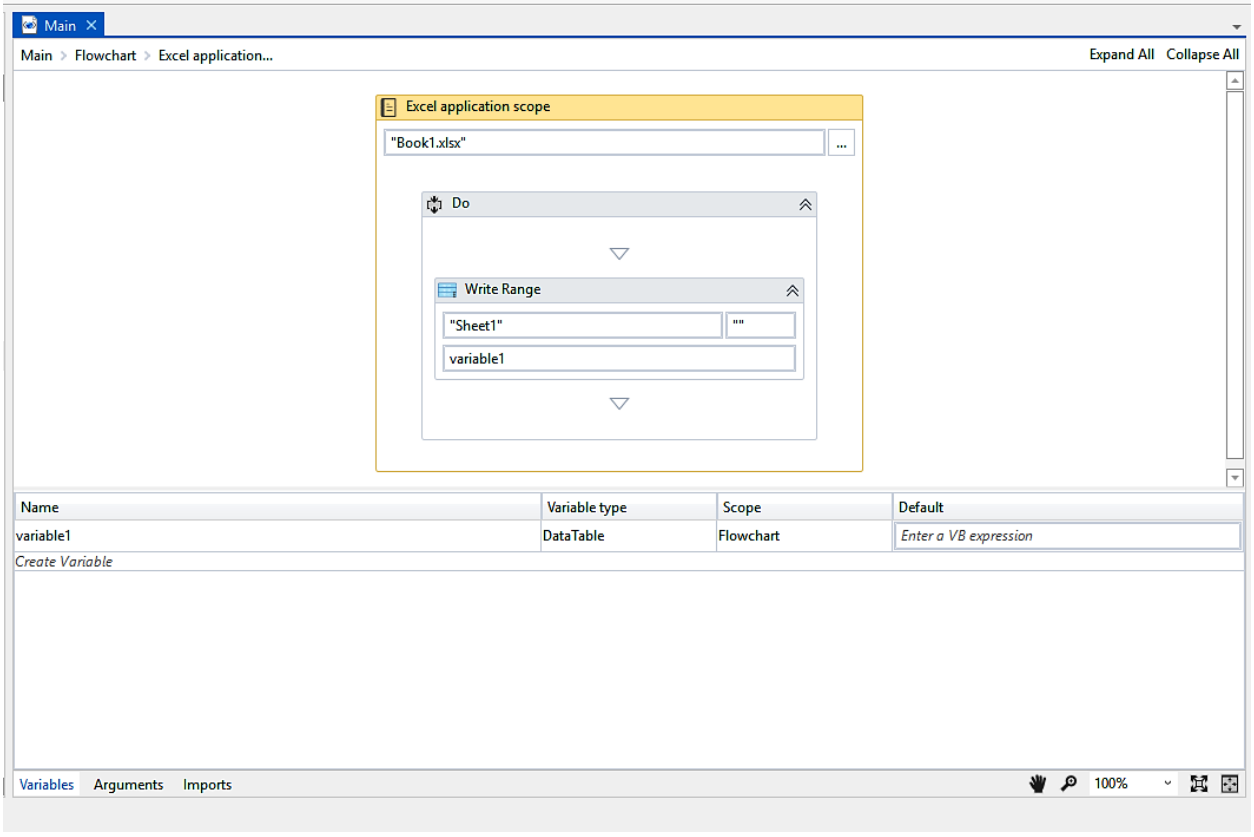

File
Home
Insert
Page Layout
Formulas
Data
Review
View
Paste
Calibri
11
Wrap Text
Merge & Center
Clipboard
Font
Alignment
A4
Kim
A
B
C
D
E
F
G
1
2
3
4
5
6
7
8
Kim

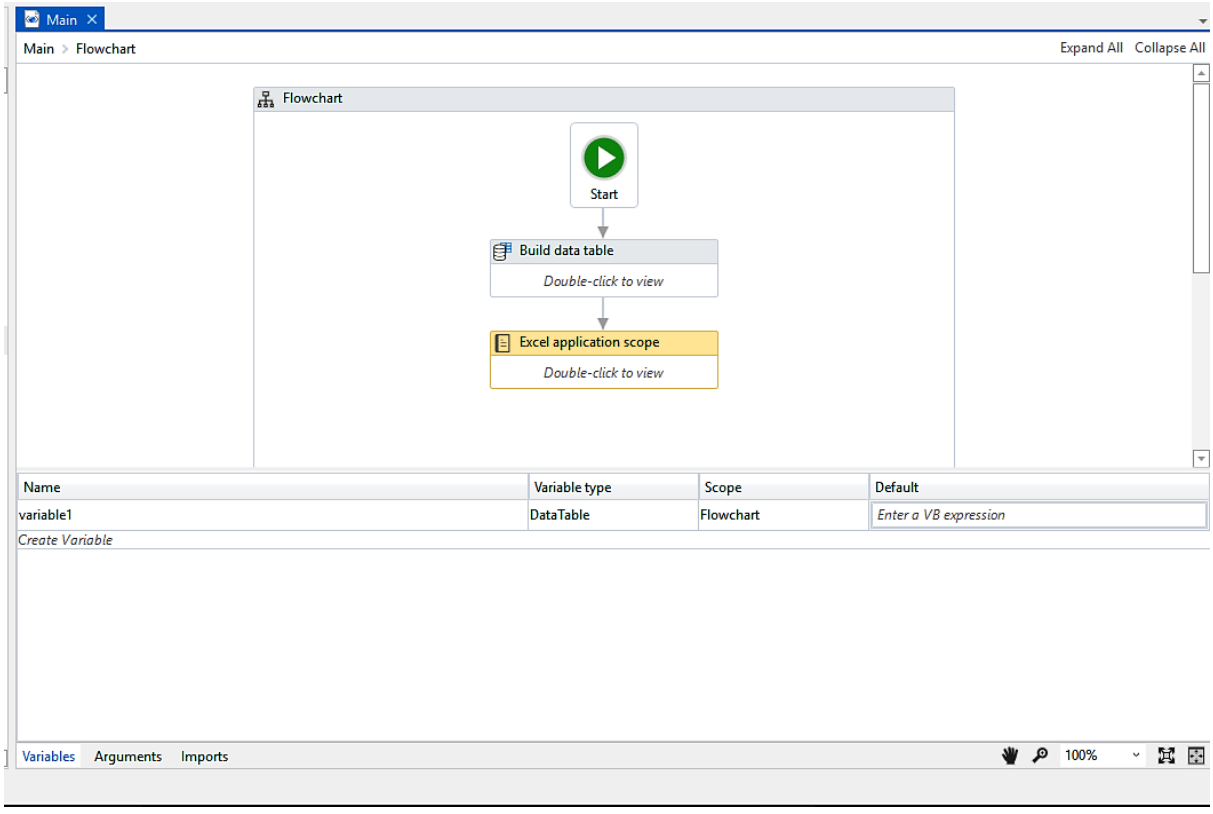

UiPath Studio Community - Excel to Data Table and vice versa
Universal Search (Ctrl + F)
Data Scraping
User Events
Create Variable
Manage Variables
Launch UiExplorer
Wizards
Variables
Selectors
Main
Main > Flowchart > Excel application...
Expand All
Collapse All
"Book1.xlsx"
Do
Read Range
"Sheet1"
""
Output data table
Properties
UiPath.Core.Activities.OutputDataTable
Common
DisplayName
Input
DataTable
Data
Misc
Private
Output
Text
Result
Outline
Main
Flowchart
Excel application scope
Body
Do
Read Range
Output data table
Name
Variable type
Scope
Default
Data
DataTable
Do
Enter a VB expression
Result
String
Flowchart
Create Variable
Variables
Arguments
Imports
100%

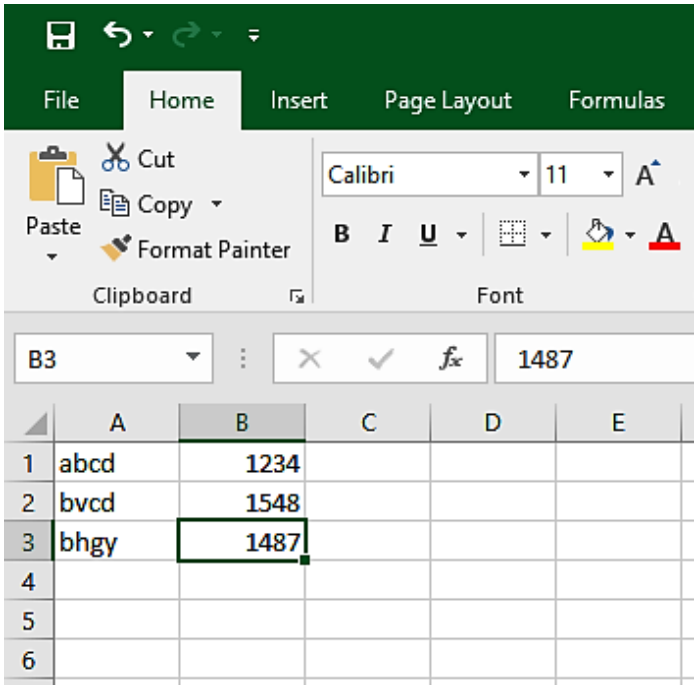

Main
Main > Flowchart > Excel application...
Expand All
Collapse All
Excel application scope
"Book1.xlsx"
Do
Read Range
"Sheet1"
""
Output data table
Message box
Result
Name
Variable type
Scope
Default
Result
String
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

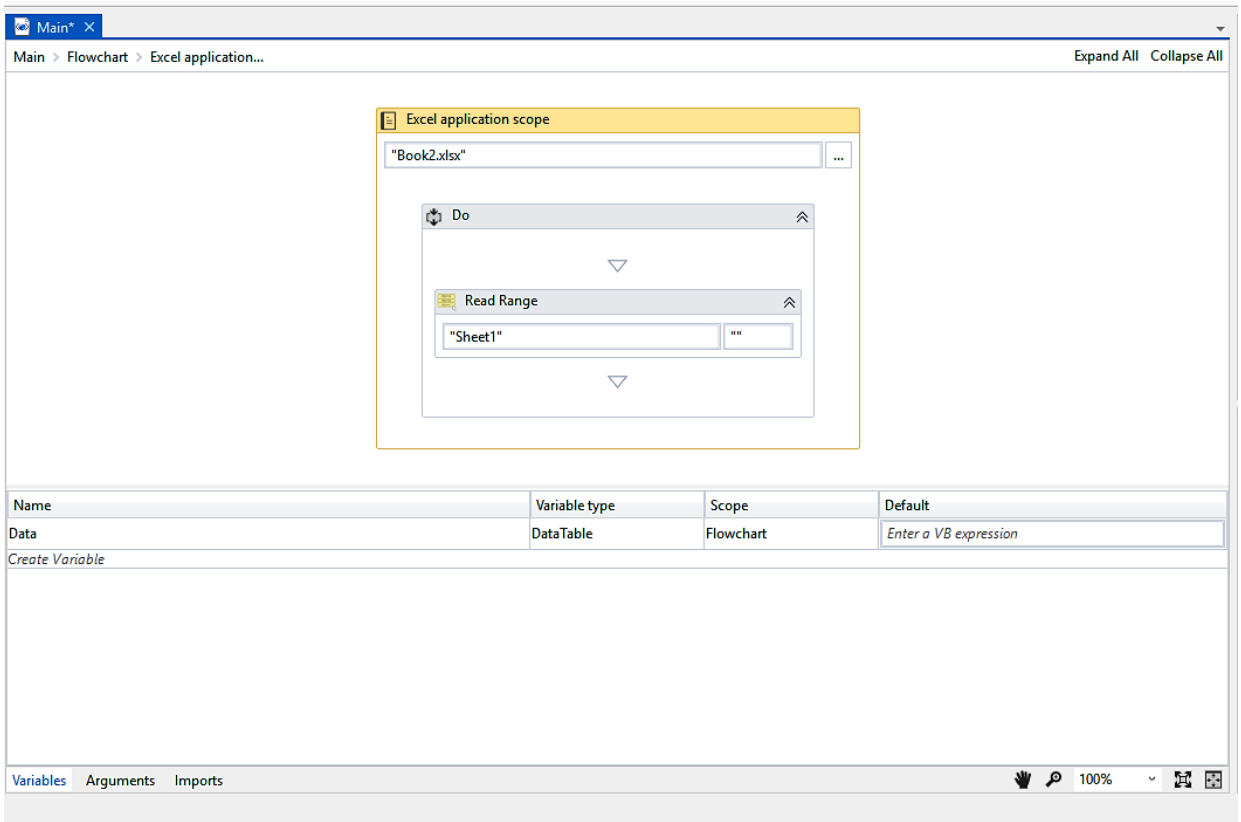

Data Scraping
User Events
Create Variable
Manage Variables
Launch UiExplorer
Wizards
Variables
Selectors
Main
Main
Flowchart
Build data table
Expand All
Collapse All
Properties
UiPath.Core.Activities
Common
DisplayName
Misc
Private
Output
Build Data Table
OK
Cancel
New Column
Column Name
Name
Data Type
String
Allow Null
Auto Increment
Default Value
Unique
MaxLength
-1
OK
Cancel
Name
Create Variable
Variables
Arguments
Imports
100%

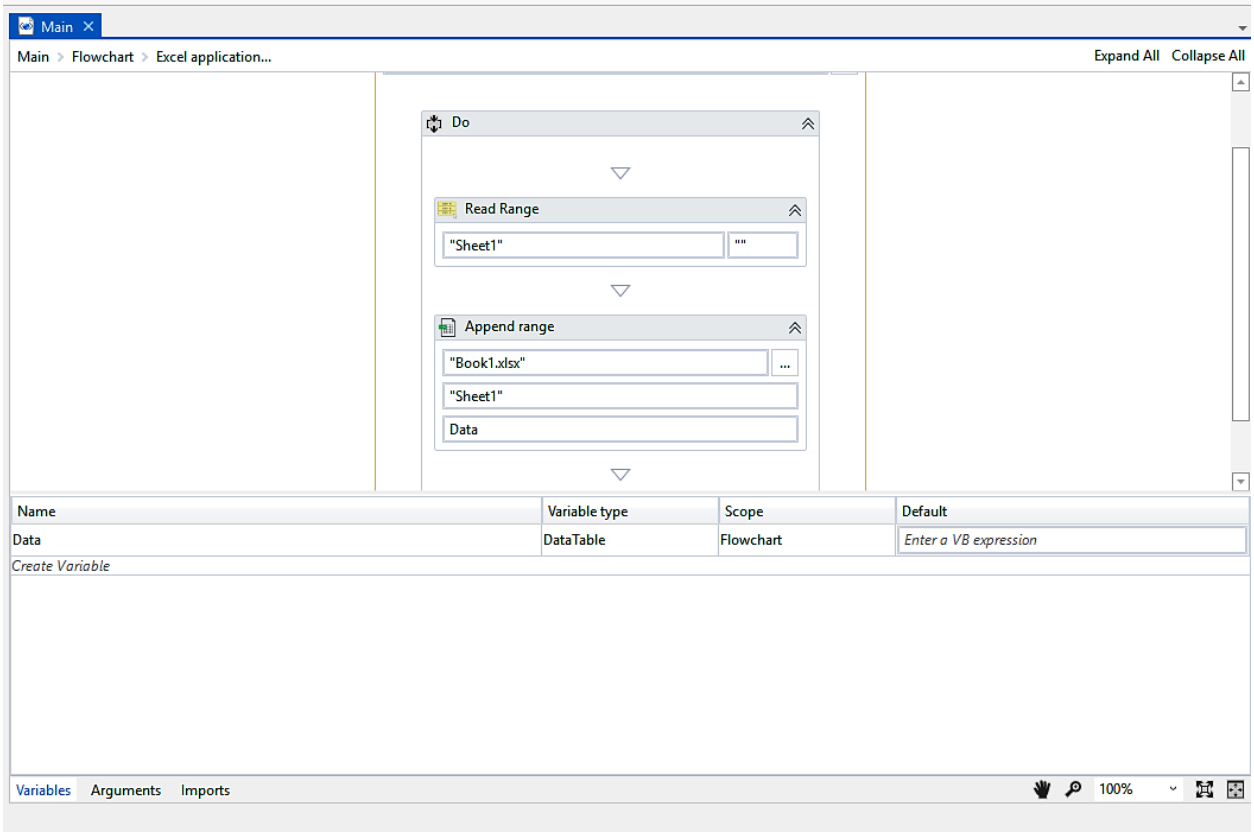

Main*
Main > Flowchart > Build data table
Expand All
Collapse All
Build Data Table
Name
(String)
Roll
(Int32)
anand
1
krishna
2
vaibhav
3
OK
Cancel
Name
Create Variable
Variables
Arguments
Imports
100%

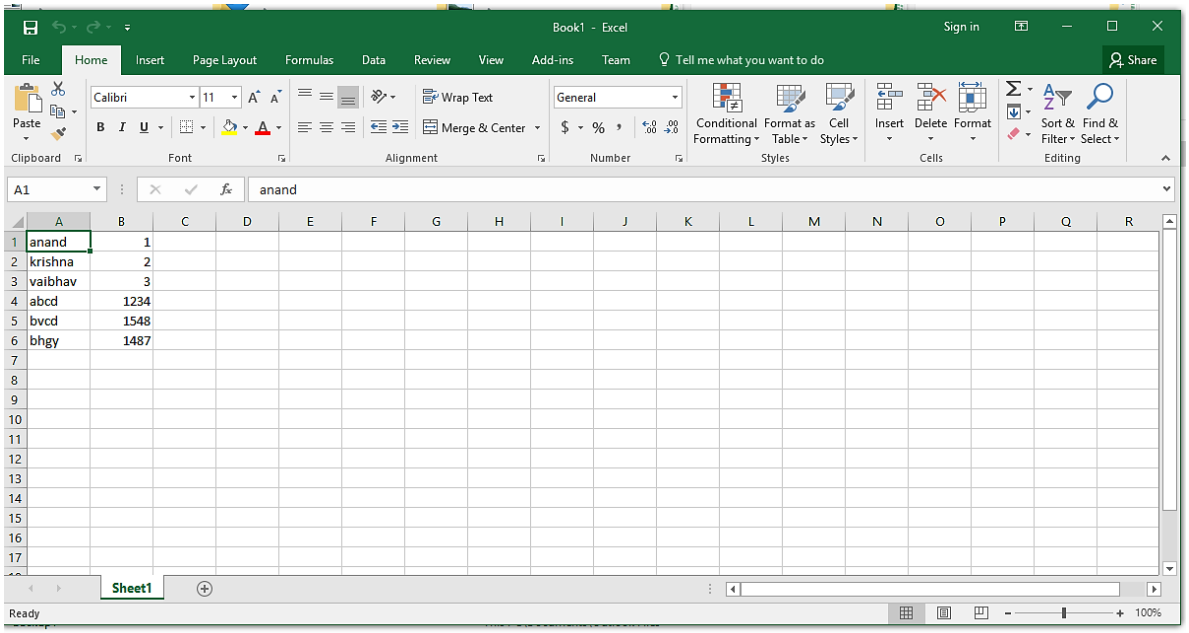

Main
Main > Flowchart > Excel application...
Expand All Collapse All
Excel application scope
"Book1.xlsx"
...
Do
Write Range
"Sheet1"
""
variable1
Name
Variable type
Scope
Default
variable1
DataTable
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

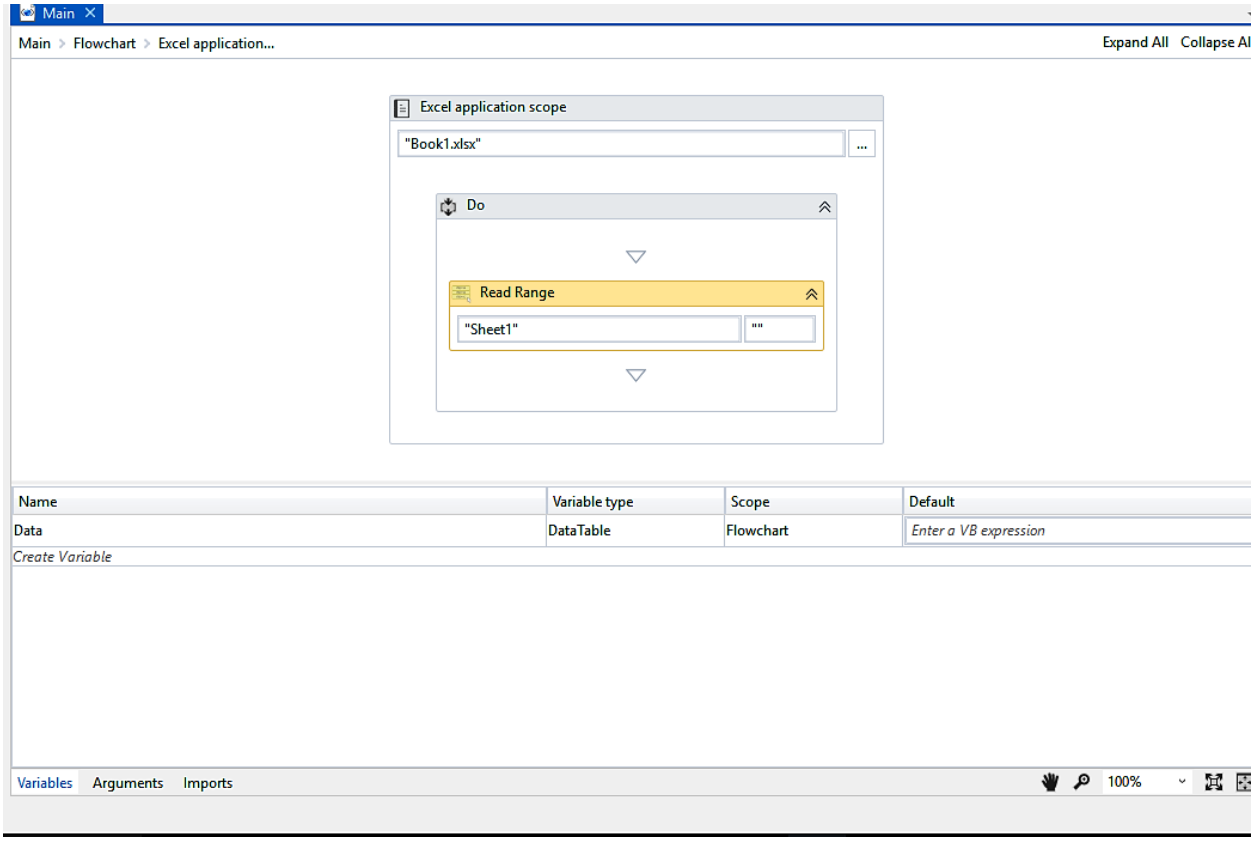

Main
Main > Flowchart
Expand All Collapse All
Flowchart
Start
Build data table
Double-click to view
Excel application scope
Double-click to view
Name
Variable type
Scope
Default
variable1
DataTable
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

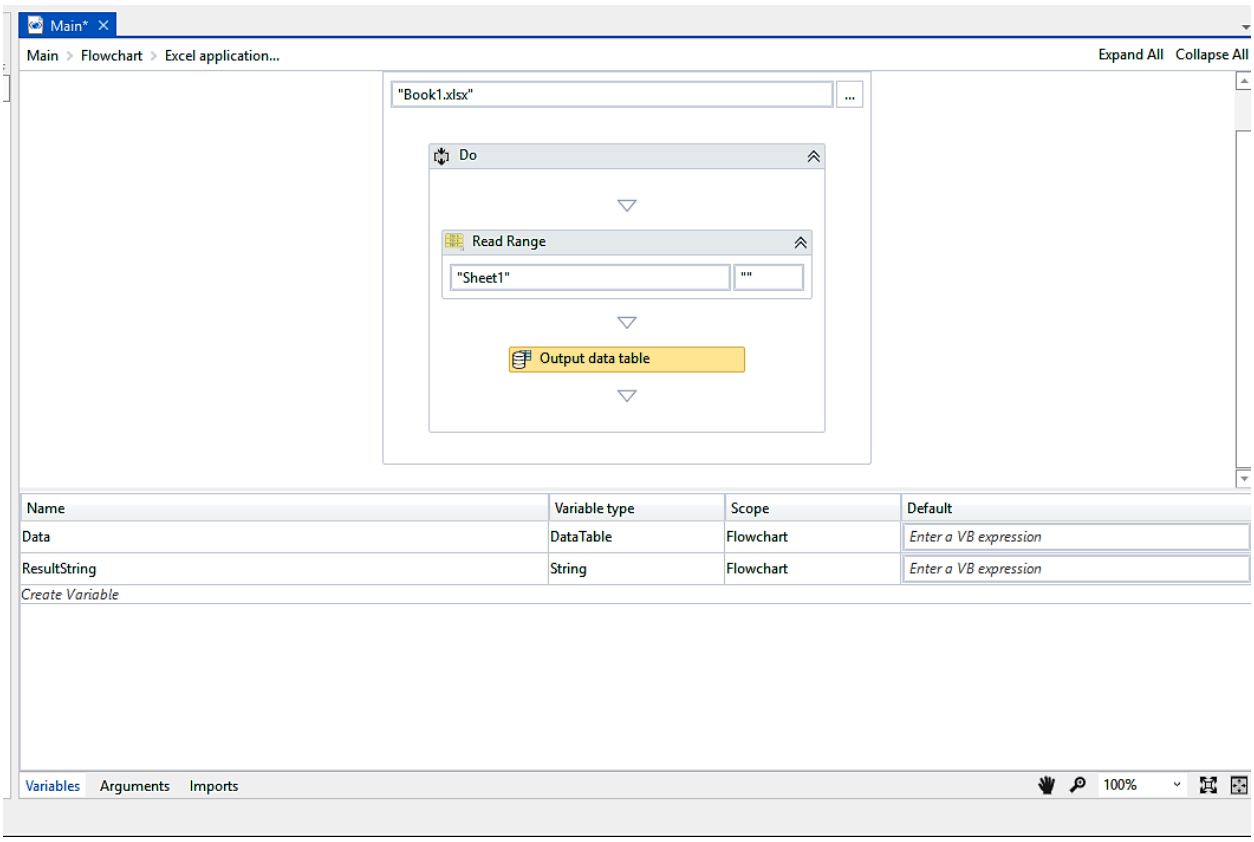

File
Home
Insert
Page Layout
Formulas
Cut
Copy
Format Painter
Paste
Clipboard
Calibri
11
Font
B3
1487
A
B
C
D
E
1 abcd 1234
2 bvcd 1548
3 bhgy 1487
4
5
6

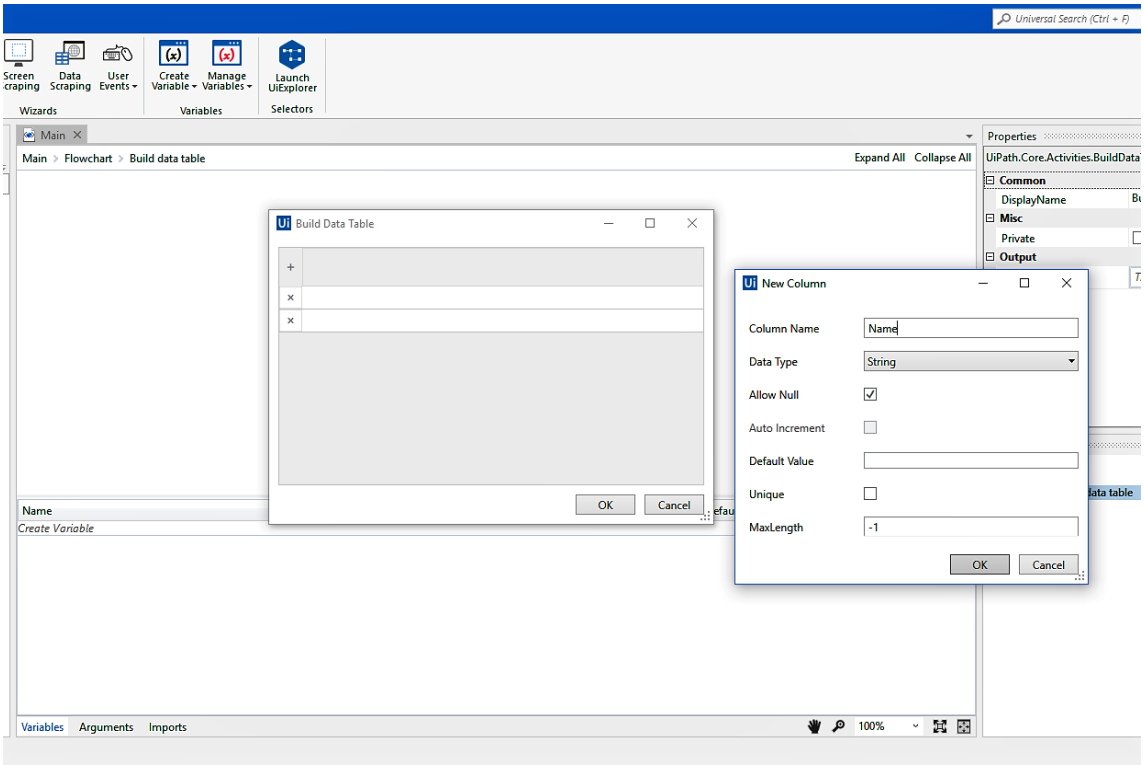

Main*
Main > Flowchart > Excel application...
Expand All
Collapse All
Excel application scope
"Book2.xlsx"
Do
Read Range
"Sheet1"
""
Name
Variable type
Scope
Default
Data
DataTable
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

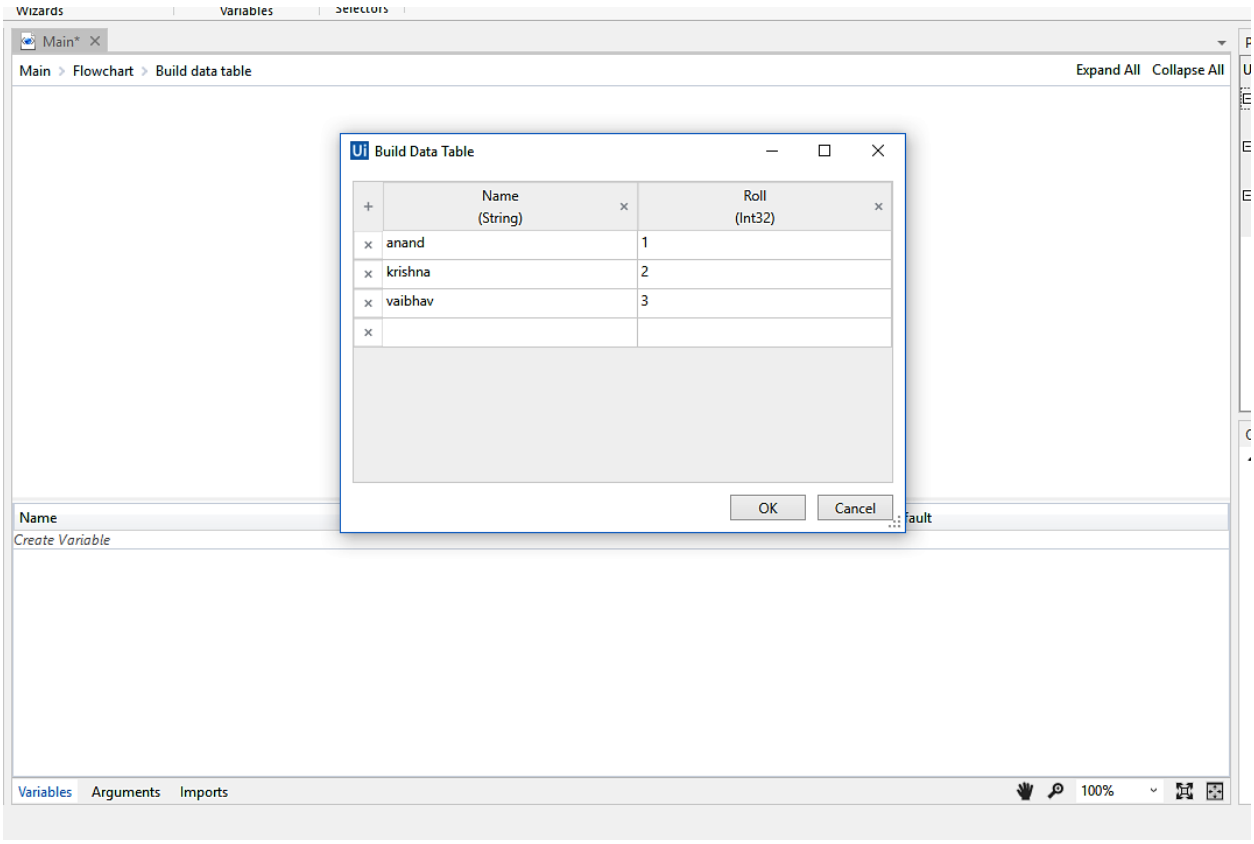

Main
Main > Flowchart > Excel application...
Expand All
Collapse All
Do
Read Range
"Sheet1"
""
Append range
"Book1.xlsx"
...
"Sheet1"
Data
Name
Variable type
Scope
Default
Data
DataTable
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

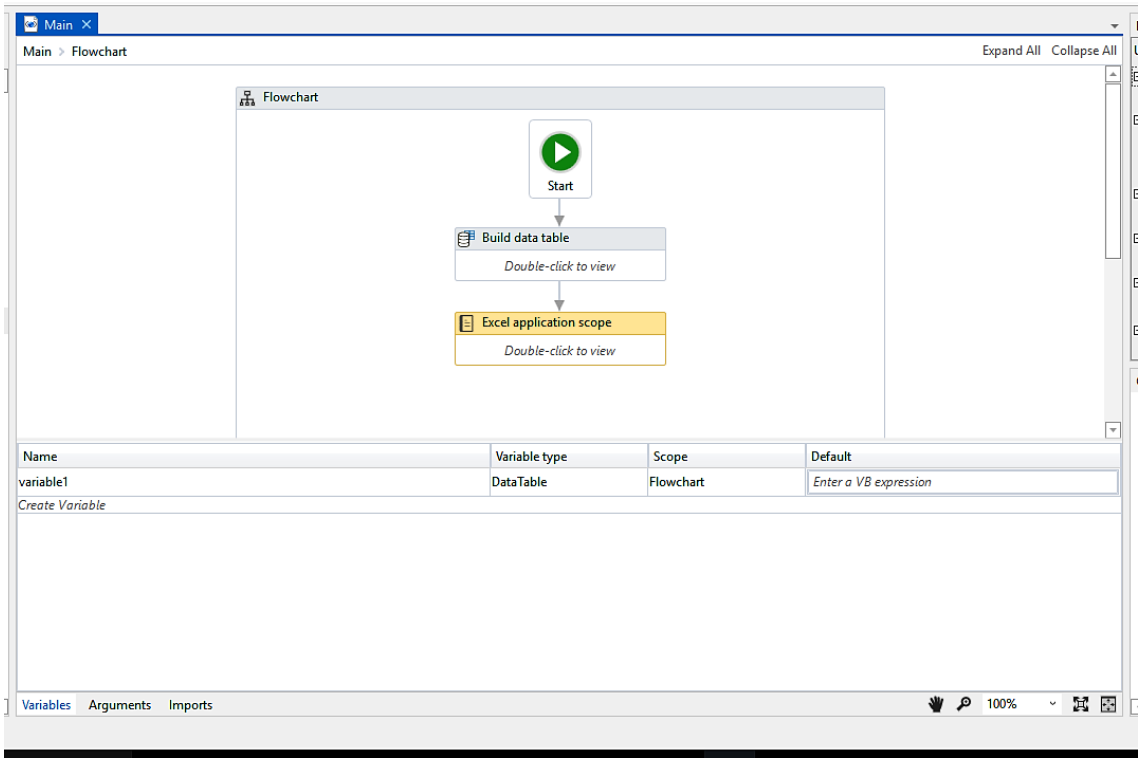

Book1 - Excel
Sign in
File
Home
Insert
Page Layout
Formulas
Data
Review
View
Add-ins
Team
Tell me what you want to do
Share
Paste
Calibri
11
Wrap Text
General
Merge & Center
Conditional Formatting
Format as Table
Cell Styles
Insert
Delete
Format
Sort & Filter
Find & Select
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
A1
anand
1 anand 1
2 krishna 2
3 vaibhav 3
4 abcd 1234
5 bvcd 1548
6 bhgy 1487
Sheet1
Ready
100%

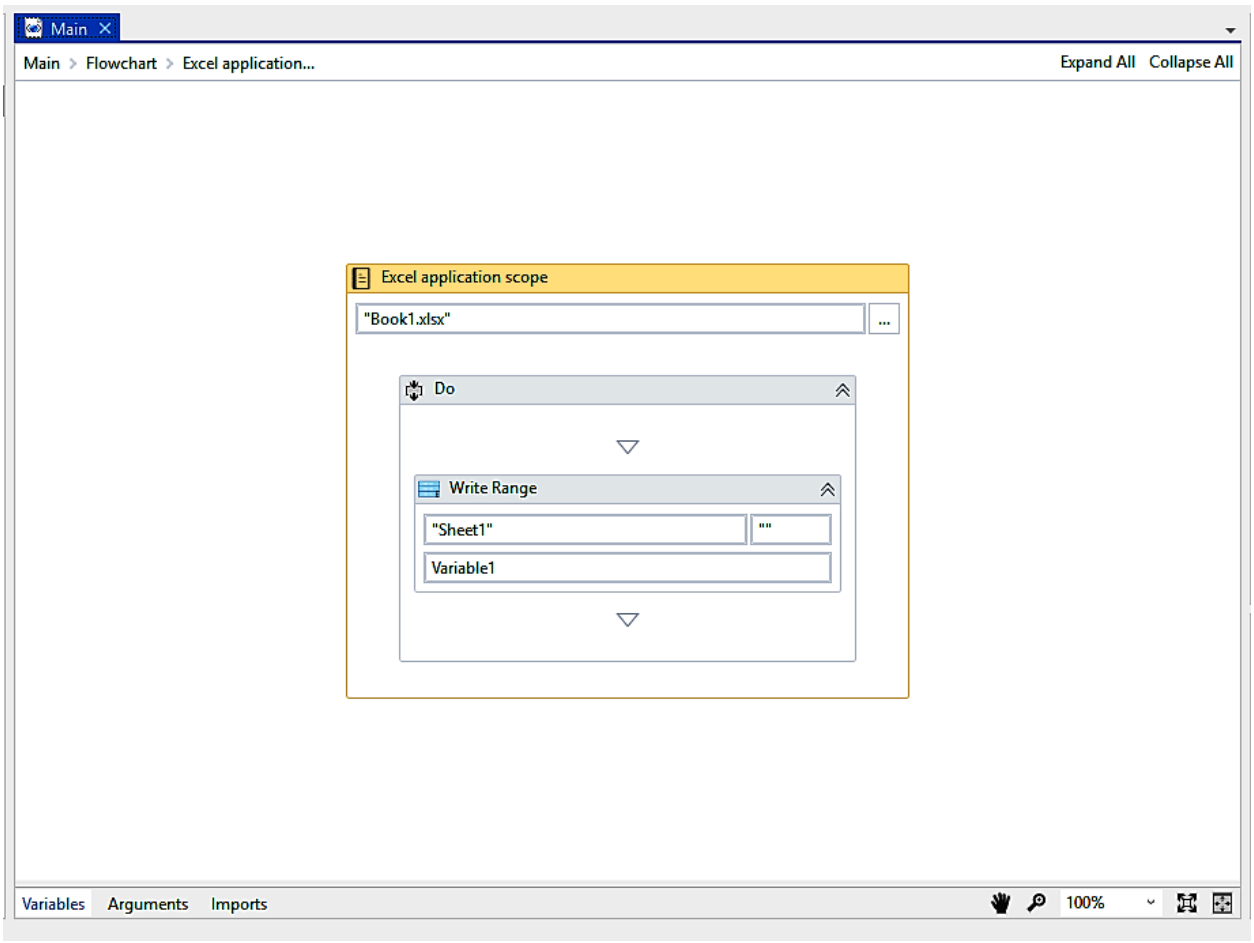

Main
Main > Flowchart > Excel application...
Expand All Collapse Al
Excel application scope
"Book1.xlsx"
...
Do
Read Range
"Sheet1"
""
Name
Variable type
Scope
Default
Data
DataTable
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%


Main*
Main
Flowchart
Excel application...
Expand All
Collapse All
"Book1.xlsx"
Do
Read Range
"Sheet1"
""
Output data table
Name
Variable type
Scope
Default
Data
DataTable
Flowchart
Enter a VB expression
ResultString
String
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

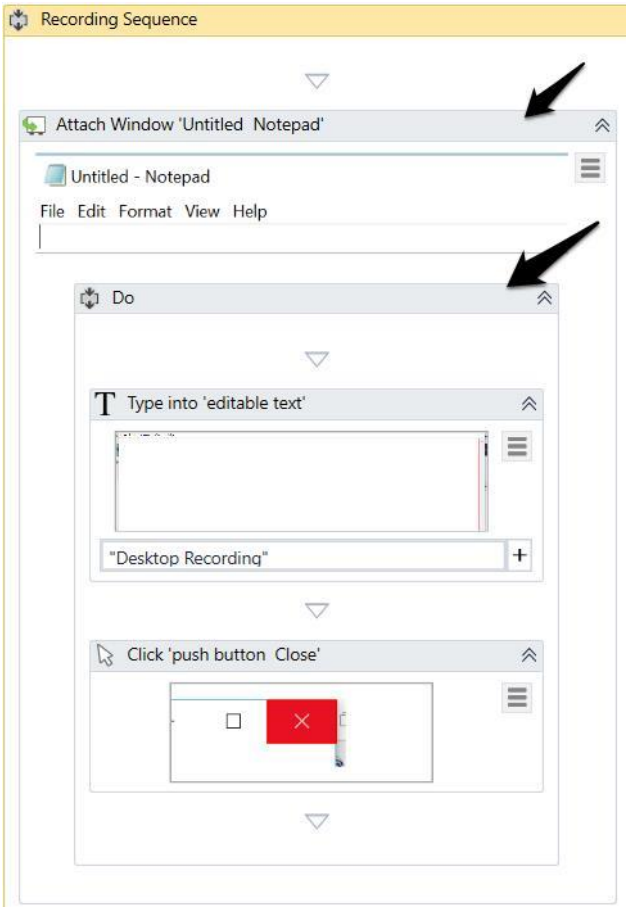

Universal Search (Ctrl + F)
Screen Scraping
Data Scraping
User Events
Create Variable
Manage Variables
Launch UiExplorer
Wizards
Variables
Selectors
Main
Main
Flowchart
Build data table
Expand All
Collapse All
Properties
UiPath.Core.Activities.BuildData
Common
DisplayName
Misc
Private
Output
Build Data Table
OK
Cancel
New Column
Column Name
Name
Data Type
String
Allow Null
Auto Increment
Default Value
Unique
MaxLength
-1
OK
Cancel
Name
Create Variable
Variables
Arguments
Imports
100%

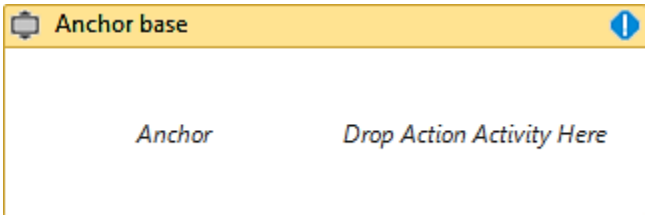

Wizards
Variables
Selectors
Main*
Main
Flowchart
Build data table
Expand All
Collapse All
Build Data Table
Name
(String)
Roll
(Int32)
anand
1
krishna
2
vaibhav
3
OK
Cancel
Name
Create Variable
Variables
Arguments
Imports
100%

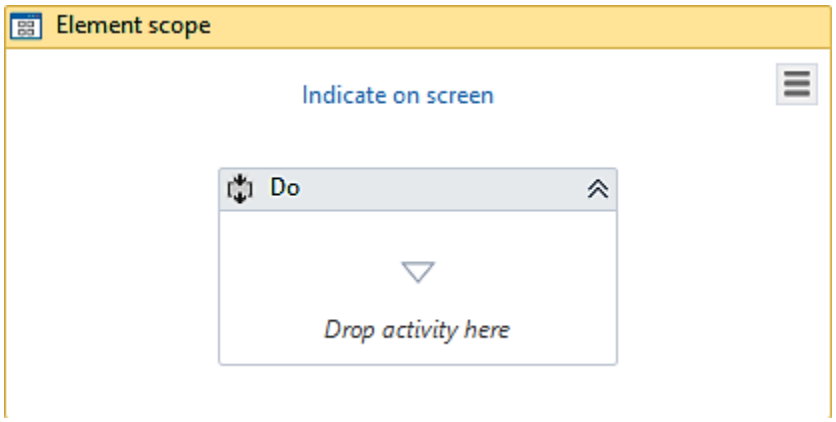

Main
Main > Flowchart
Expand All
Collapse All
Flowchart
Start
Build data table
Double-click to view
Excel application scope
Double-click to view
Name
Variable type
Scope
Default
variable1
DataTable
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

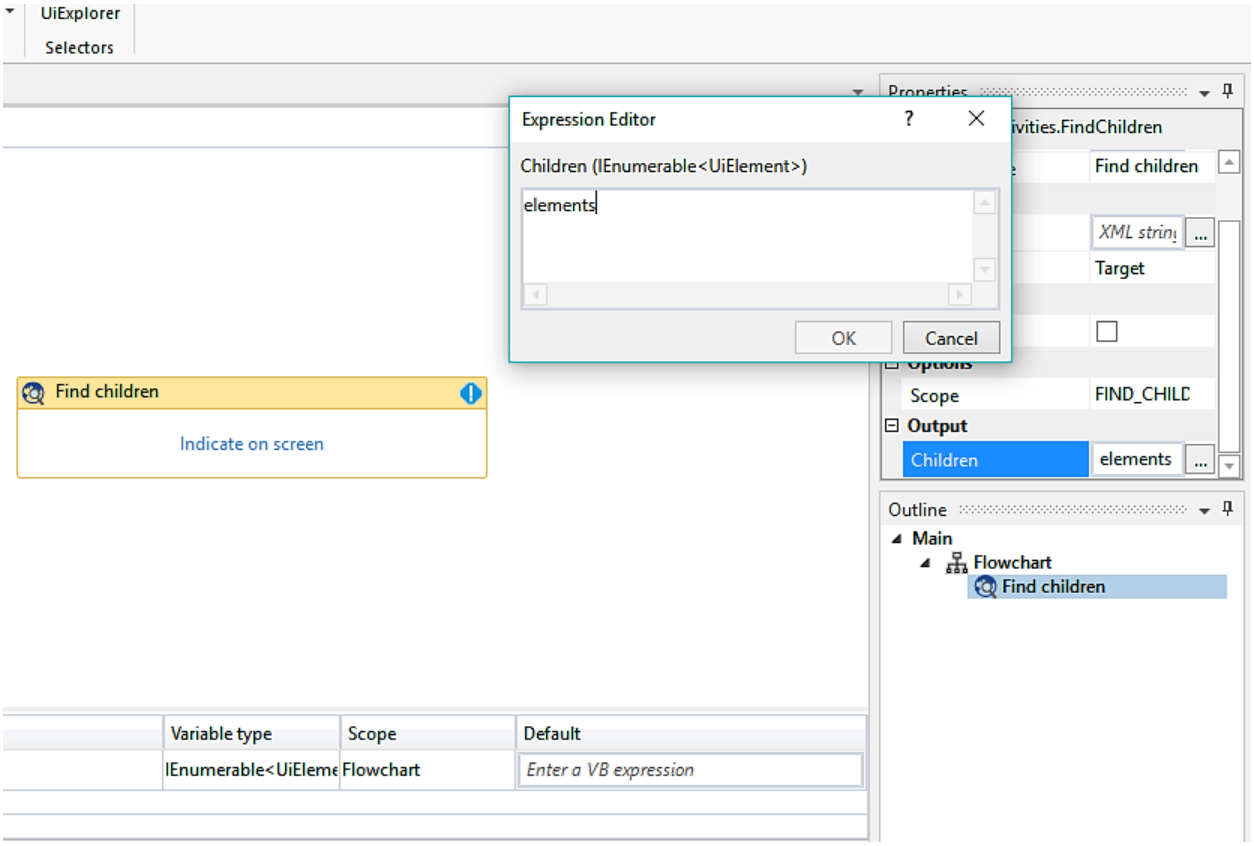

Main
Main > Flowchart > Excel application...
Expand All
Collapse All
Excel application scope
"Book1.xlsx"
...
Do
Write Range
"Sheet1"
""
Variable1
Variables
Arguments
Imports
100%

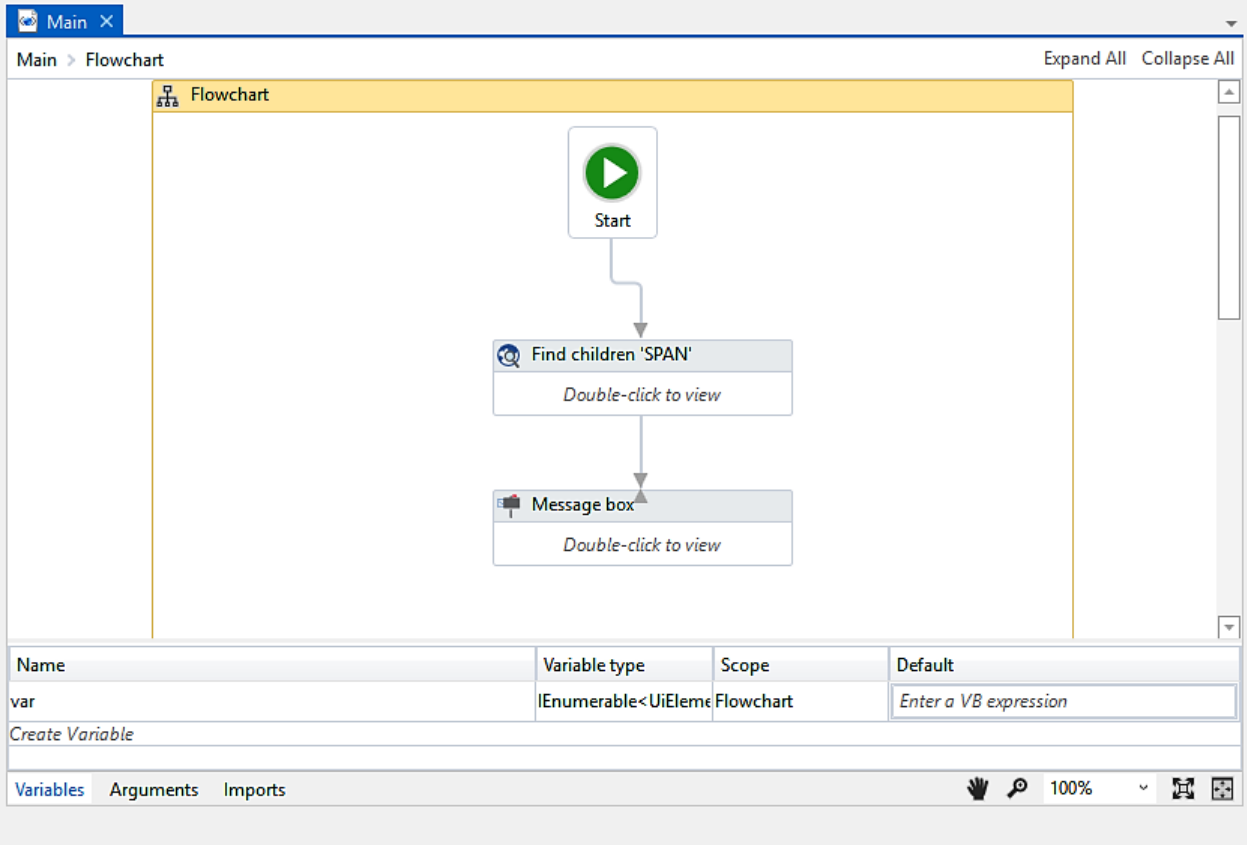
Chapter 5: Taking Control of the Controls

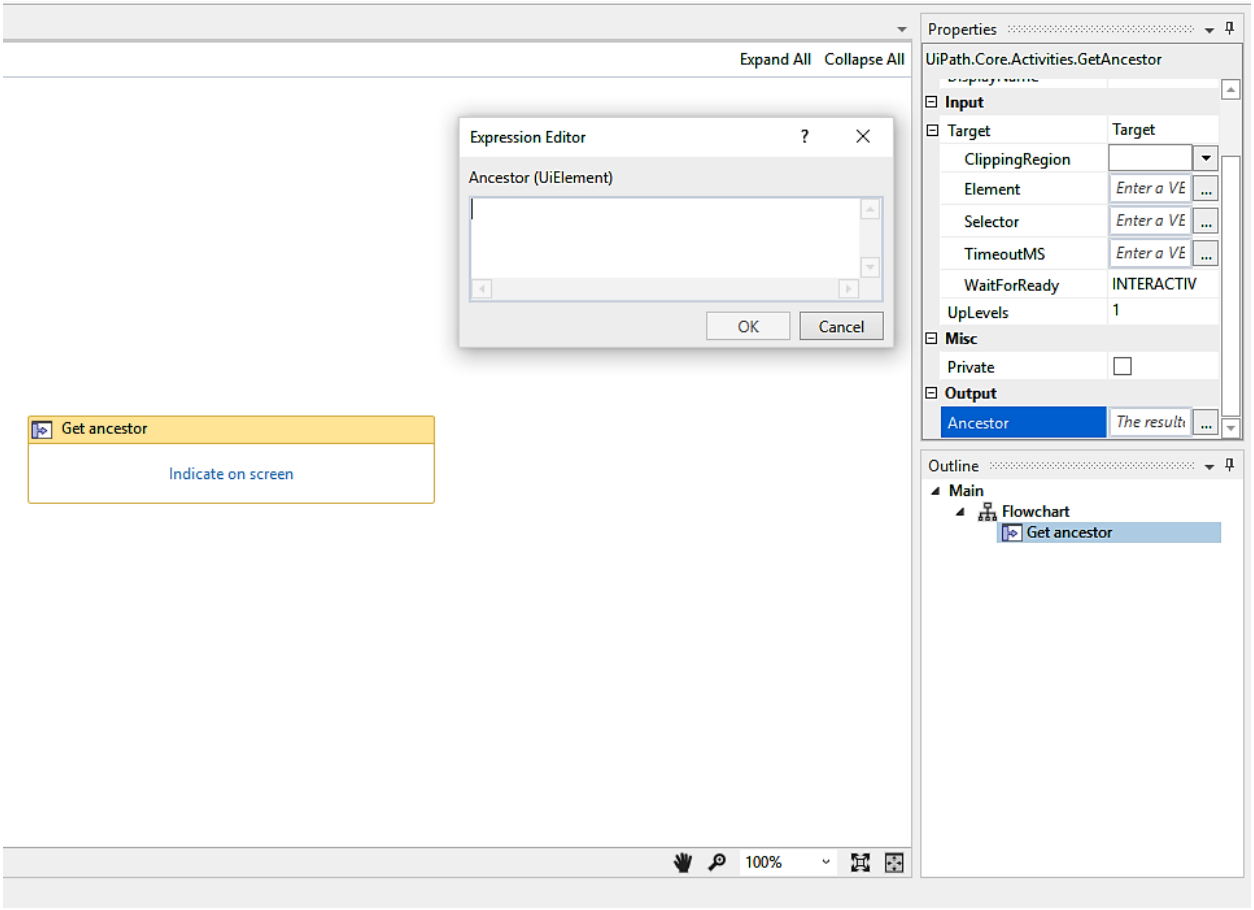


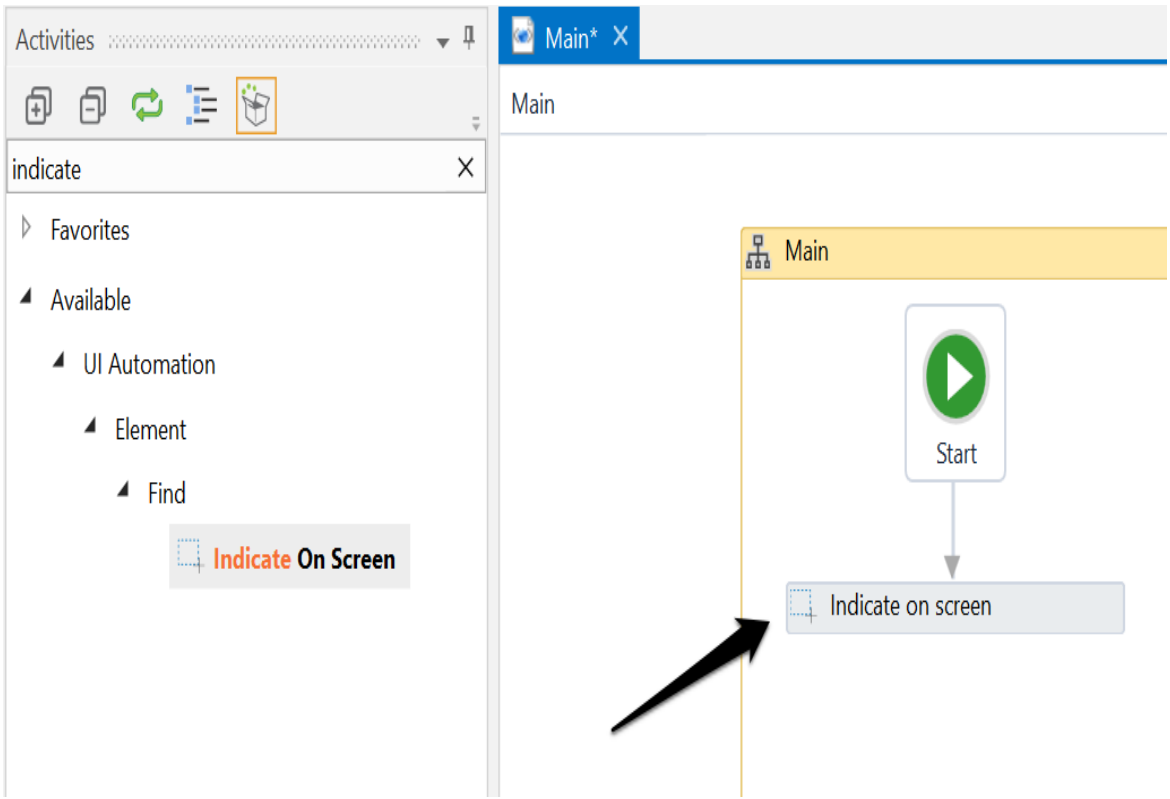


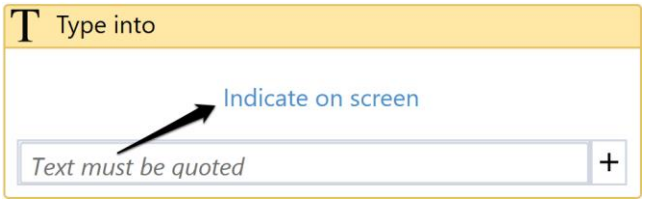

Element scope
Indicate on screen
Do
Drop activity here

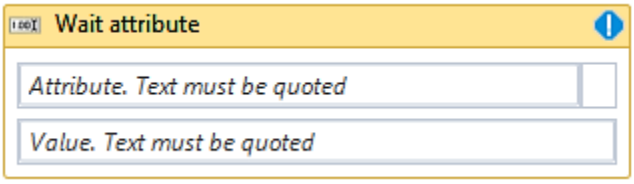

UiExplorer
Selectors
Expression Editor
Children (IEnumerable<UiElement>)
elements
OK
Cancel
Find children
Indicate on screen
Properties
Find children
Target
Scope
Output
Children
elements
Outline
Main
Flowchart
Find children
Variable type
Scope
Default
IEnumerable<UiEleme
Flowchart
Enter a VB expression

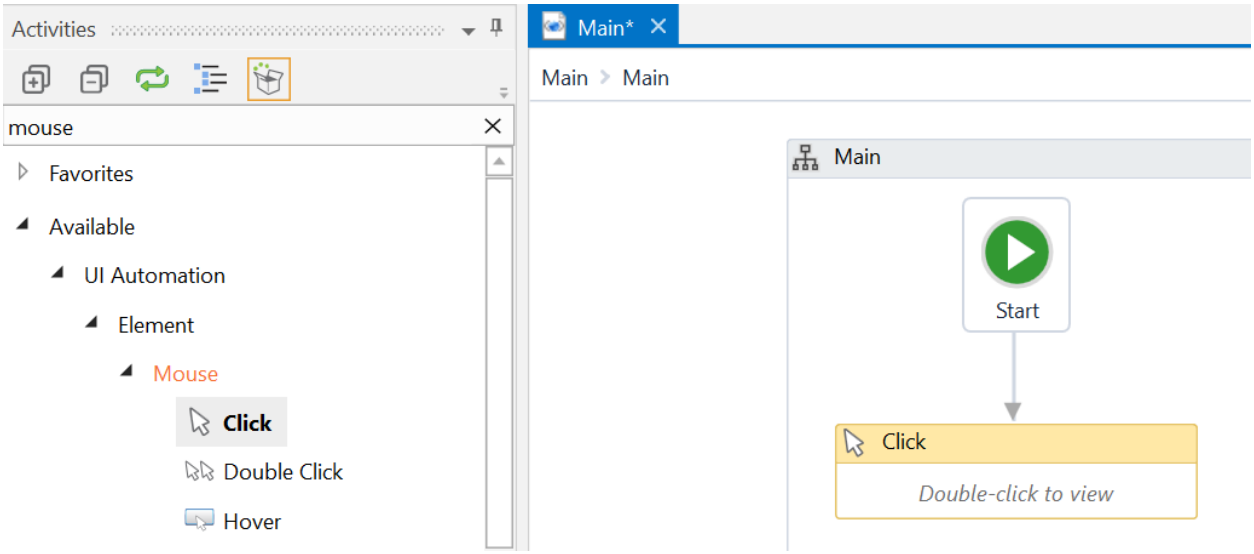

Main
Main > Flowchart
Expand All
Collapse All
Flowchart
Start
Find children 'SPAN'
Double-click to view
Message box
Double-click to view
Name
Variable type
Scope
Default
var
IEnumerable<UiEleme
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

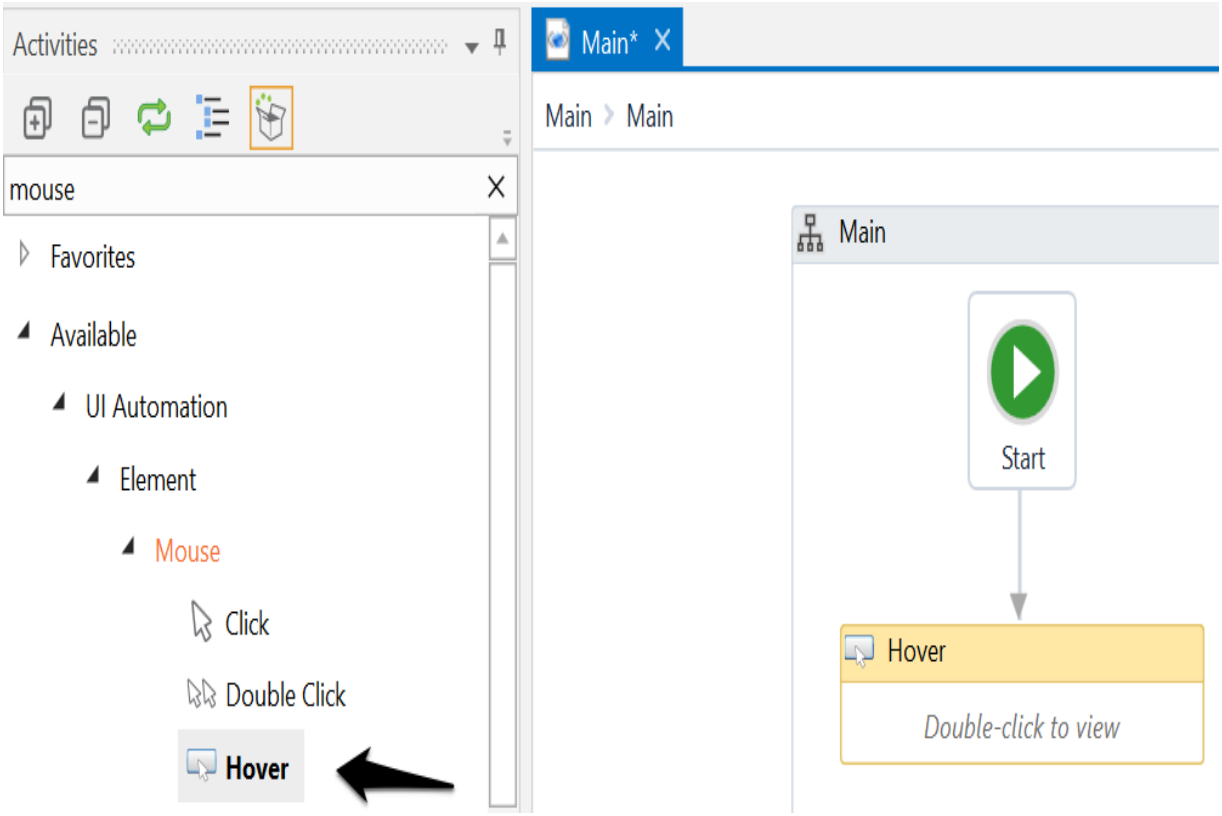

Expand All
Collapse All
Expression Editor
Ancestor (UiElement)
OK
Cancel
Get ancestor
Indicate on screen
100%
Properties
UiPath.Core.Activities.GetAncestor
Input
Target
Target
ClippingRegion
Element
Selector
TimeoutMS
WaitForReady
INTERACTIV
UpLevels
1
Misc
Private
Output
Ancestor
Outline
Main
Flowchart
Get ancestor

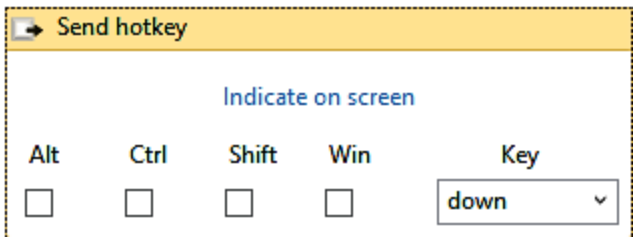

Activities
indicate
Favorites
Available
UI Automation
Element
Find
Indicate On Screen
Main*
Main
Main
Start
Indicate on screen

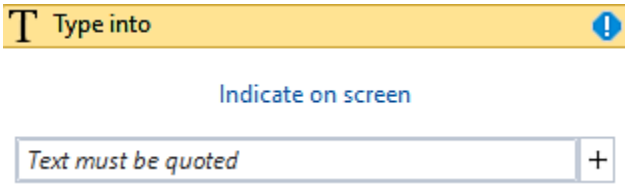

Type into
Indicate on screen
Text must be quoted

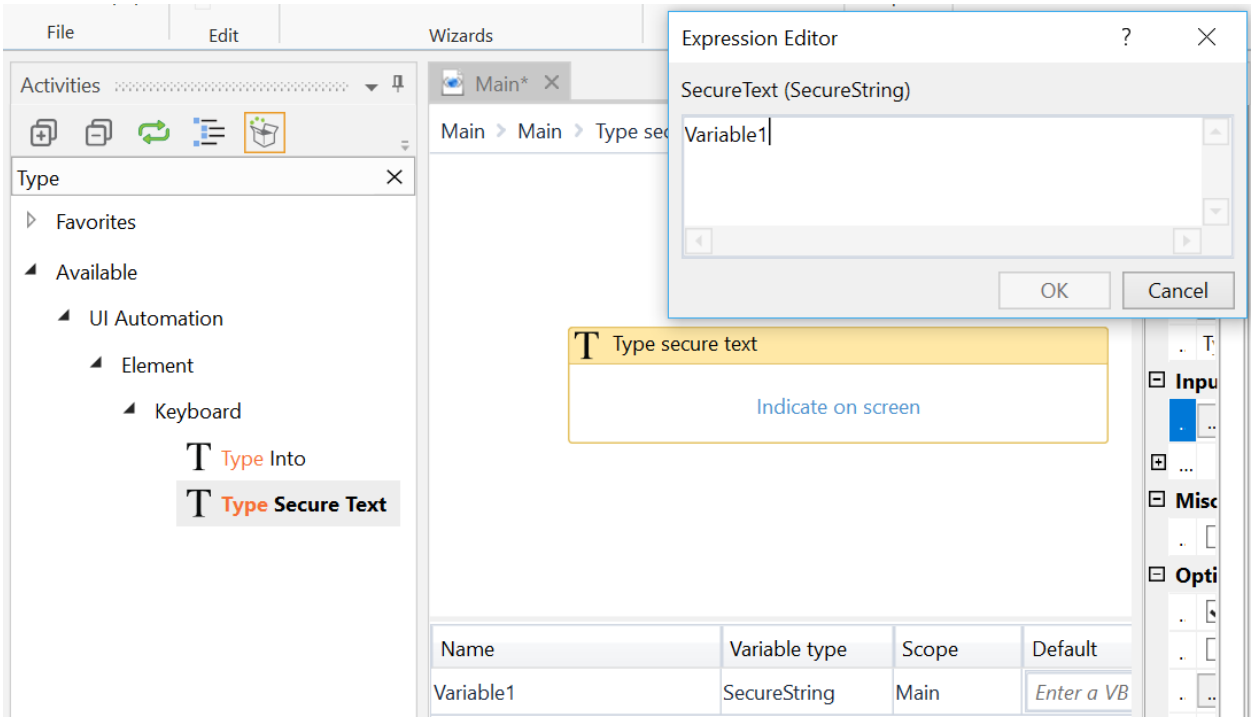

Wait attribute
Attribute. Text must be quoted
Value. Text must be quoted

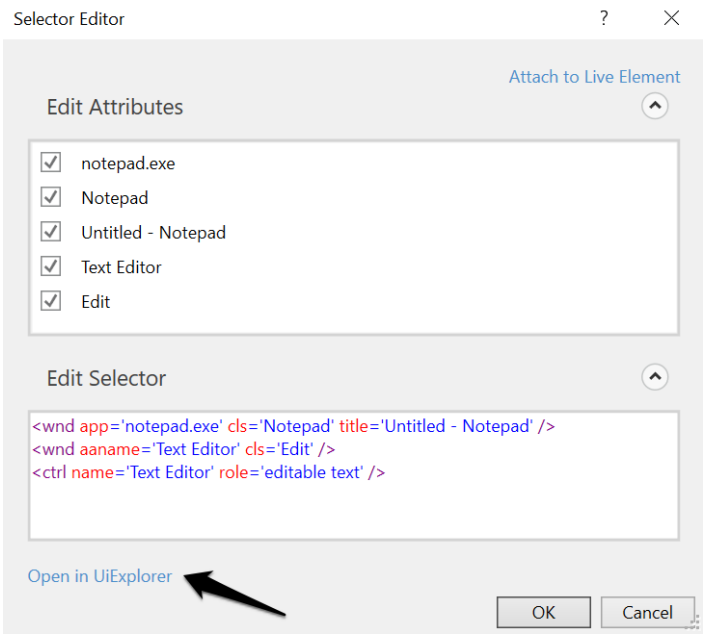

Activities
mouse
Favorites
Available
UI Automation
Element
Mouse
Click
Double Click
Hover
Main*
Main
Main
Start
Click
Double-click to view

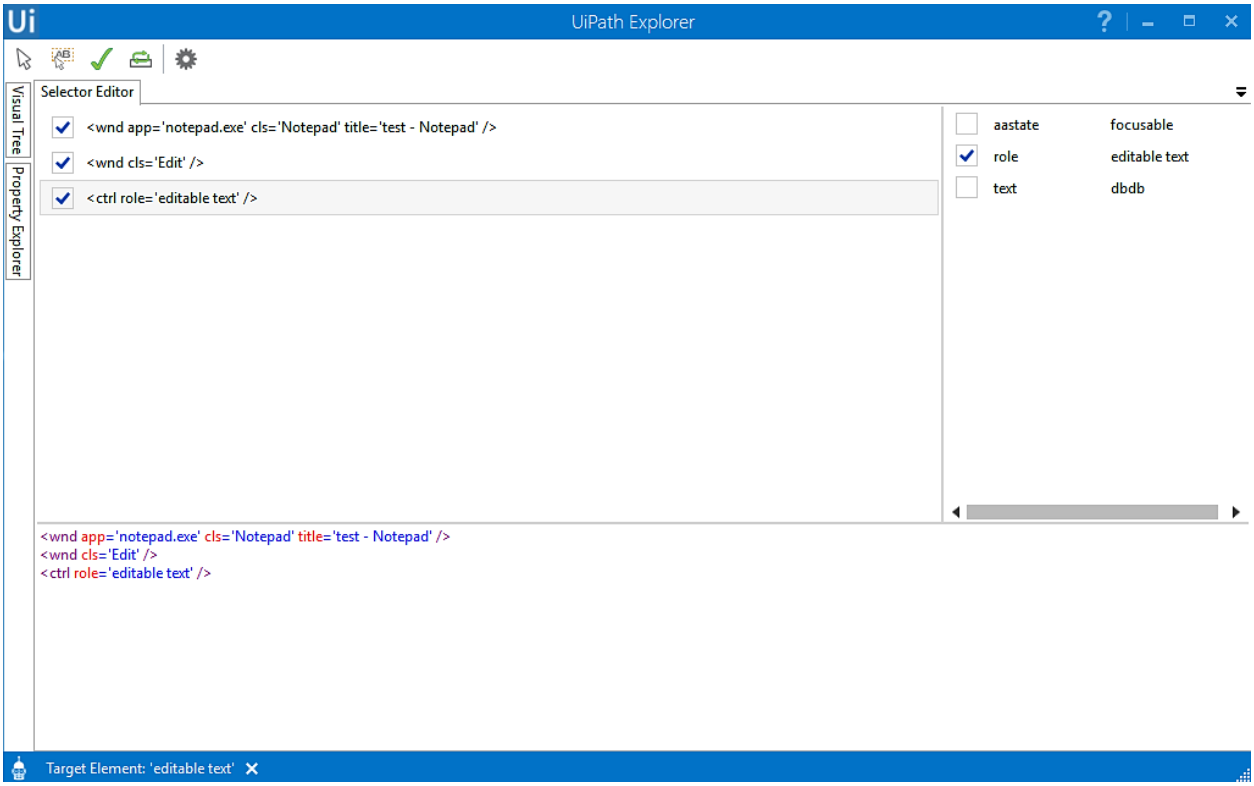

Activities
mouse
Favorites
Available
UI Automation
Element
Mouse
Click
Double Click
Hover
Main*
Main
Main
Start
Hover
Double-click to view

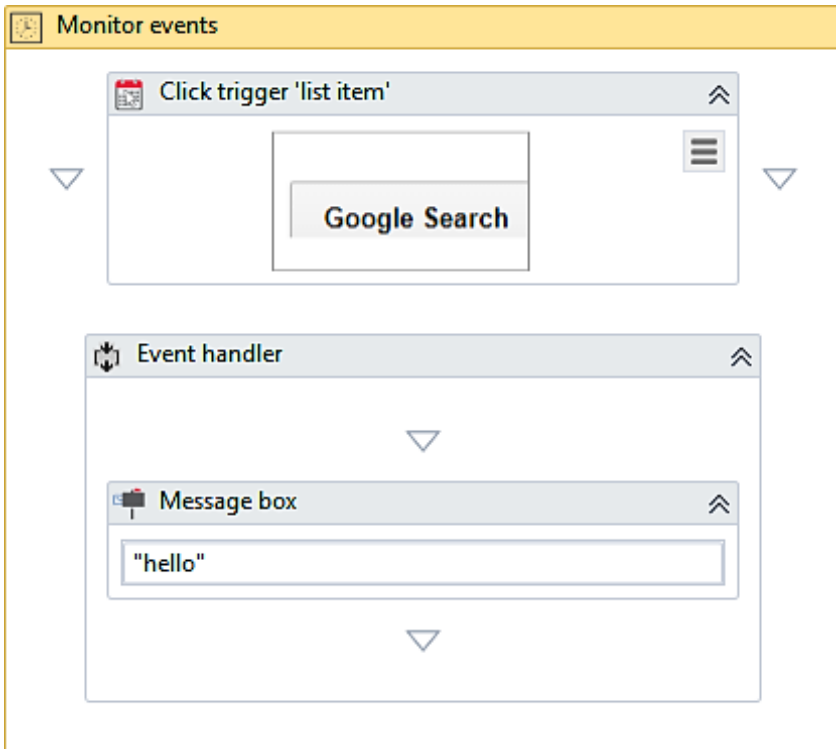

Send hotkey
Indicate on screen
Alt
Ctrl
Shift
Win
Key
down

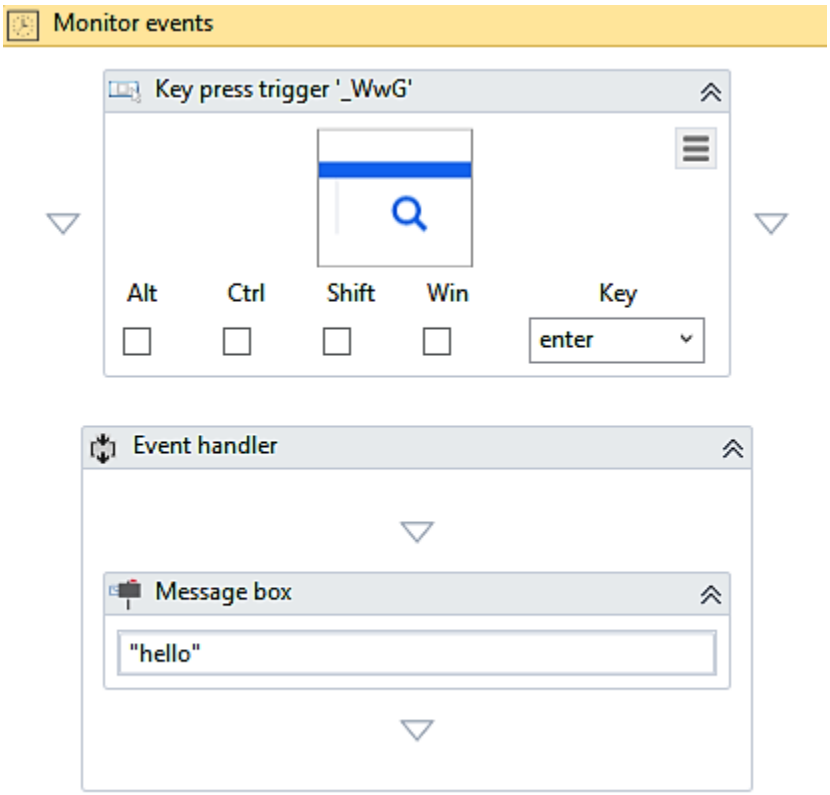

Type into
Indicate on screen
Text must be quoted

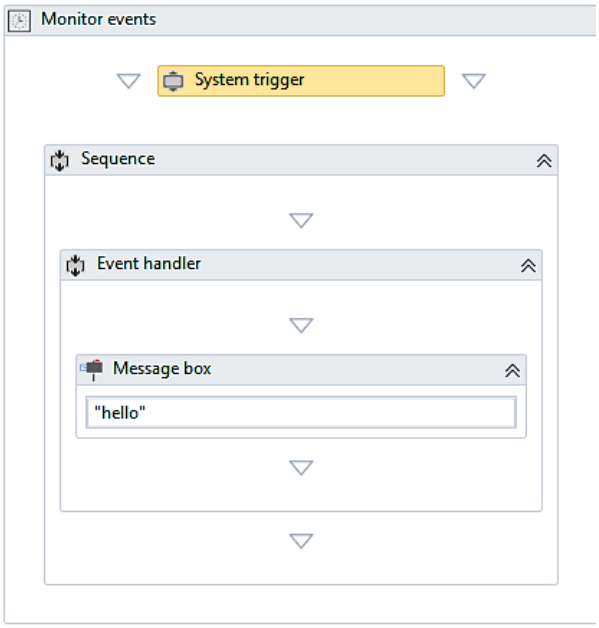

File
Edit
Wizards
Activities
Type
Favorites
Available
UI Automation
Element
Keyboard
Type Into
Type Secure Text
Main*
Main
Main
Type sec
Expression Editor
SecureText (SecureString)
Variable1
OK
Cancel
Type secure text
Indicate on screen
Name
Variable type
Scope
Default
Variable1
SecureString
Main
Enter a VB

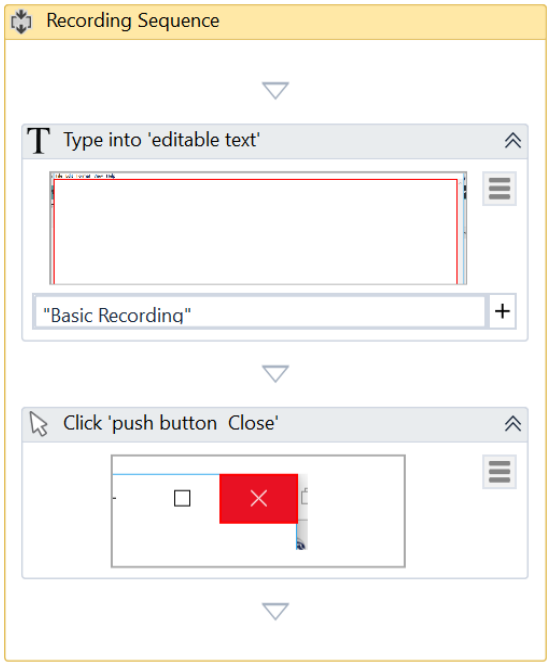

Selector Editor
Attach to Live Element
Edit Attributes
notepad.exe
Notepad
Untitled - Notepad
Text Editor
Edit
Edit Selector
<wnd app='notepad.exe' cls='Notepad' title='Untitled - Notepad' />
<wnd aaname='Text Editor' cls='Edit' />
<ctrl name='Text Editor' role='editable text' />
Open in UiExplorer
OK
Cancel

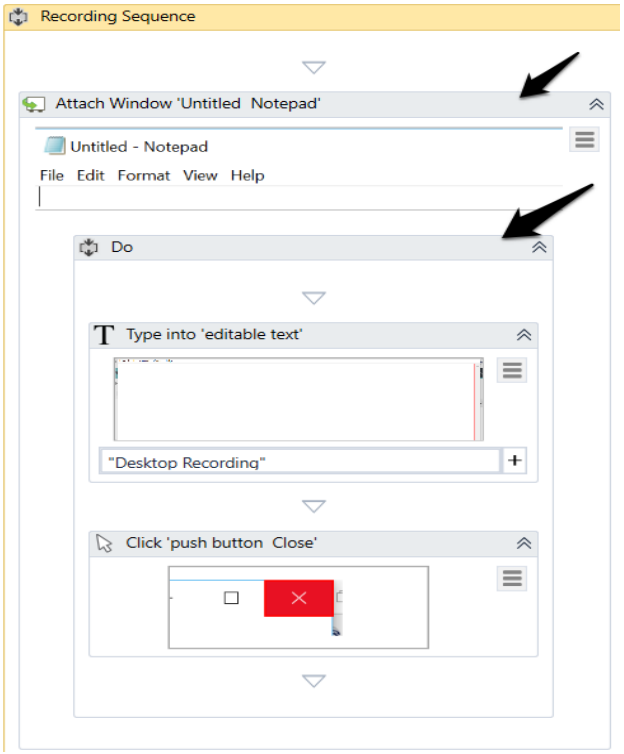

UiPath Explorer
Selector Editor
Visual Tree
Property Explorer
<wnd app='notepad.exe' cls='Notepad' title='test - Notepad' />
<wnd cls='Edit' />
<ctrl role='editable text' />
aastate
focusable
role
editable text
text
dbdb
<wnd app='notepad.exe' cls='Notepad' title='test - Notepad' />
<wnd cls='Edit' />
<ctrl role='editable text' />
Target Element: 'editable text'

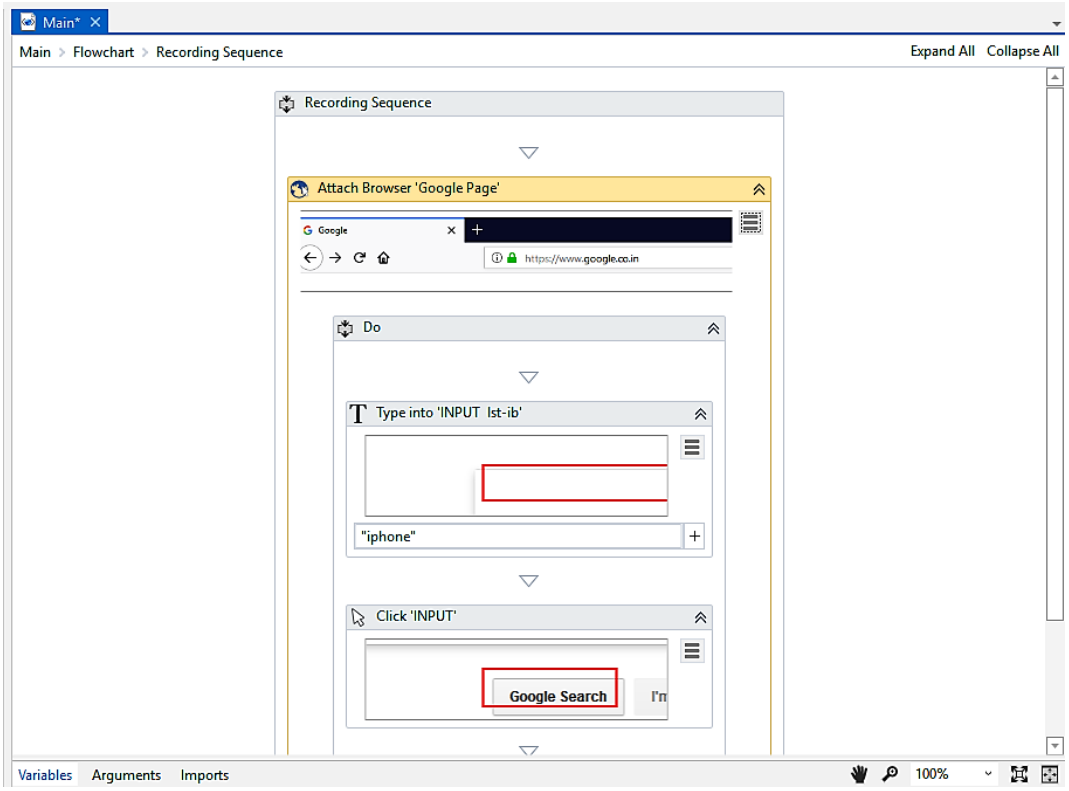

Monitor events
Click trigger 'list item'
Google Search
Event handler
Message box
"hello"

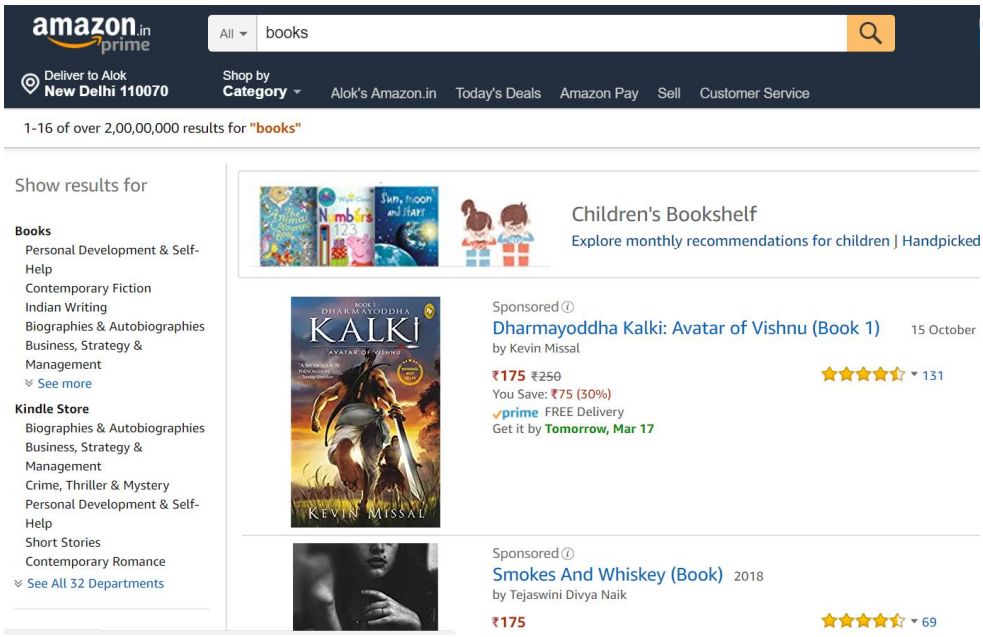

Monitor events
Key press trigger '_WwG'
Alt
Ctrl
Shift
Win
Key
enter
Event handler
Message box
"hello"

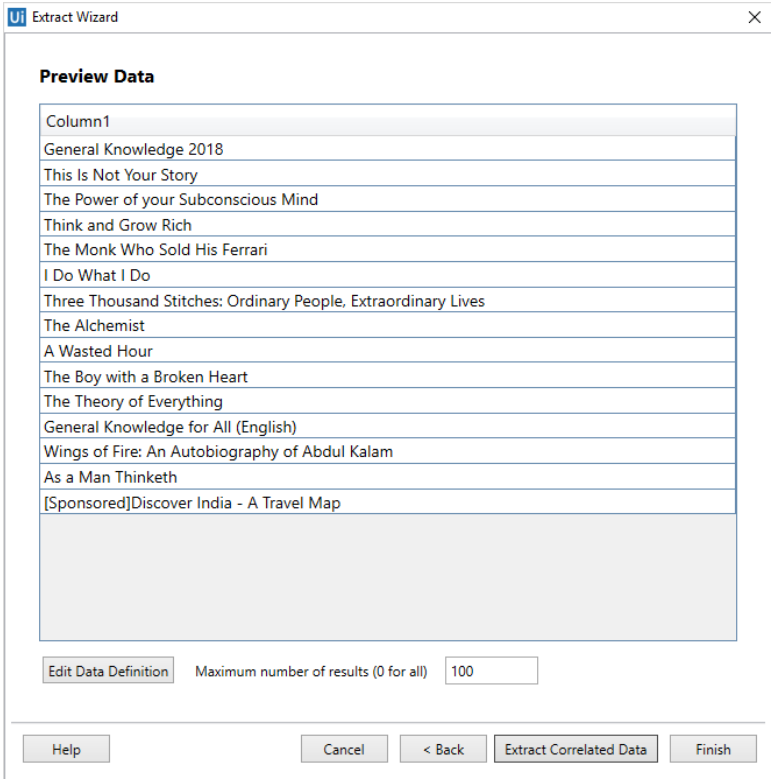

Monitor events
System trigger
Sequence
Event handler
Message box
"hello"


Recording Sequence
Type into 'editable text'
"Basic Recording"
Click 'push button Close'

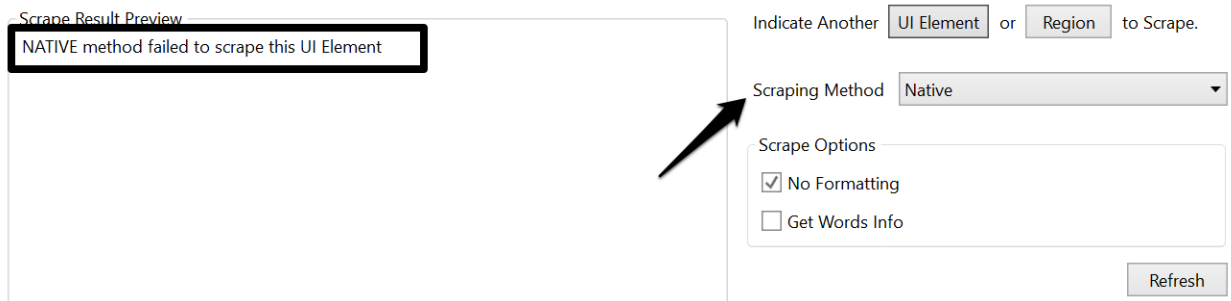

Recording Sequence
Attach Window 'Untitled Notepad'
Untitled - Notepad
File Edit Format View Help
Do
Type into 'editable text'
"Desktop Recording"
Click 'push button Close'

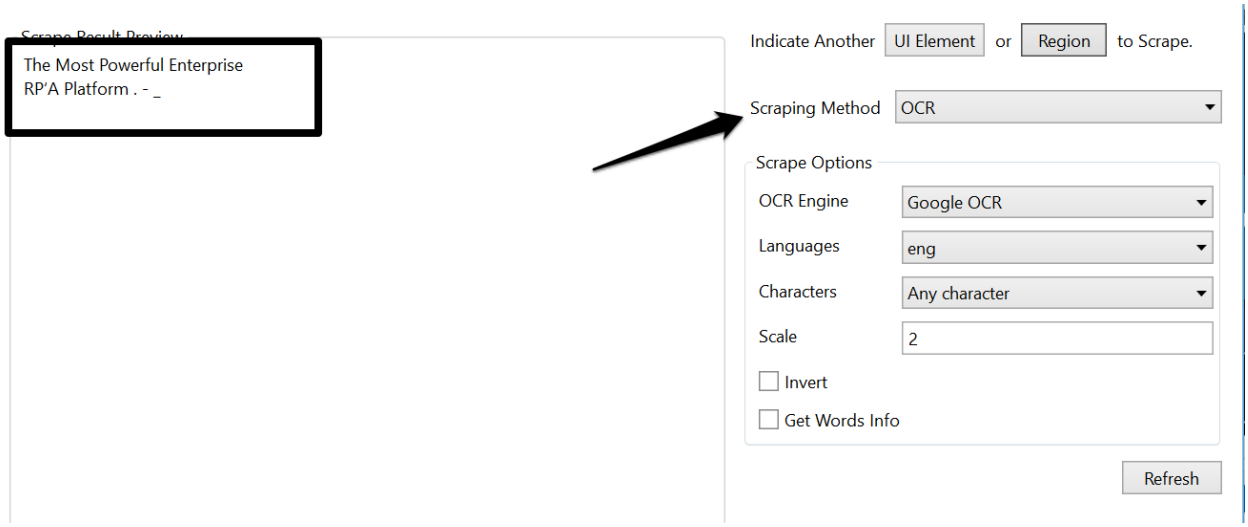

Main*
Main > Flowchart > Recording Sequence
Expand All Collapse All
Recording Sequence
Attach Browser 'Google Page'
Google
https://www.google.co.in
Do
Type into 'INPUT lst-ib'
"iphone"
Click 'INPUT'
Google Search
I'm
Variables Arguments Imports
100%

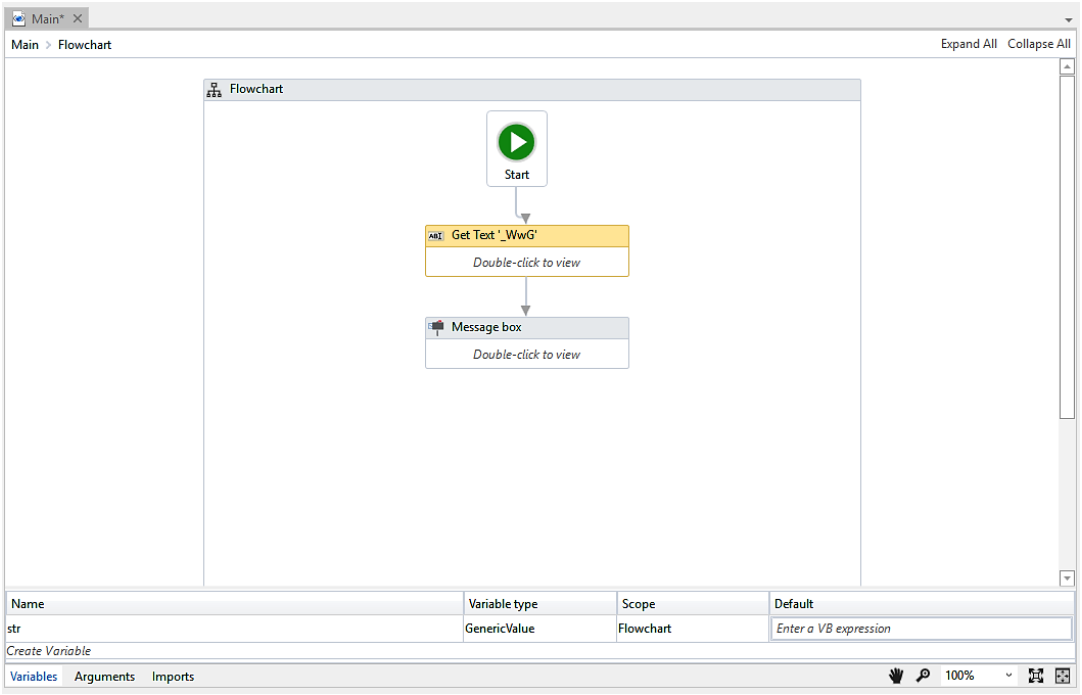

amazon.in prime
All
books
Deliver to Alok
New Delhi 110070
Shop by Category
Alok's Amazon.in
Today's Deals
Amazon Pay
Sell
Customer Service
1-16 of over 2,00,00,000 results for "books"
Show results for
Books
Personal Development & Self-Help
Contemporary Fiction
Indian Writing
Biographies & Autobiographies
Business, Strategy & Management
See more
Kindle Store
Biographies & Autobiographies
Business, Strategy & Management
Crime, Thriller & Mystery
Personal Development & Self-Help
Short Stories
Contemporary Romance
See All 32 Departments
Children's Bookshelf
Explore monthly recommendations for children | Handpicked
Sponsored
Dharmayoddha Kalki: Avatar of Vishnu (Book 1)
15 October
by Kevin Missal
₹175 ₹250
You Save: ₹75 (30%)
prime FREE Delivery
Get it by Tomorrow, Mar 17
131
Sponsored
Smokes And Whiskey (Book) 2018
by Tejaswini Divya Naik
₹175
69

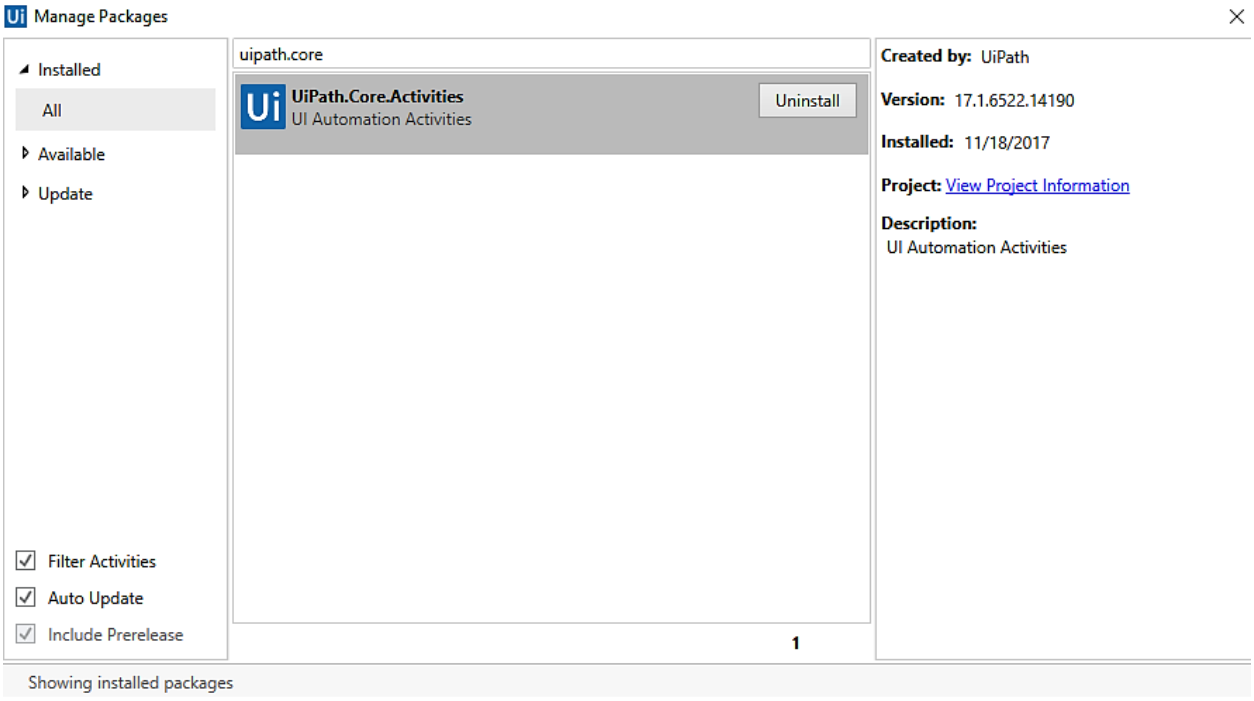

Extract Wizard
Preview Data
Column1
General Knowledge 2018
This Is Not Your Story
The Power of your Subconscious Mind
Think and Grow Rich
The Monk Who Sold His Ferrari
I Do What I Do
Three Thousand Stitches: Ordinary People, Extraordinary Lives
The Alchemist
A Wasted Hour
The Boy with a Broken Heart
The Theory of Everything
General Knowledge for All (English)
Wings of Fire: An Autobiography of Abdul Kalam
As a Man Thinketh
[Sponsored]Discover India - A Travel Map
Edit Data Definition
Maximum number of results (0 for all)
100
Help
Cancel
< Back
Extract Correlated Data
Finish

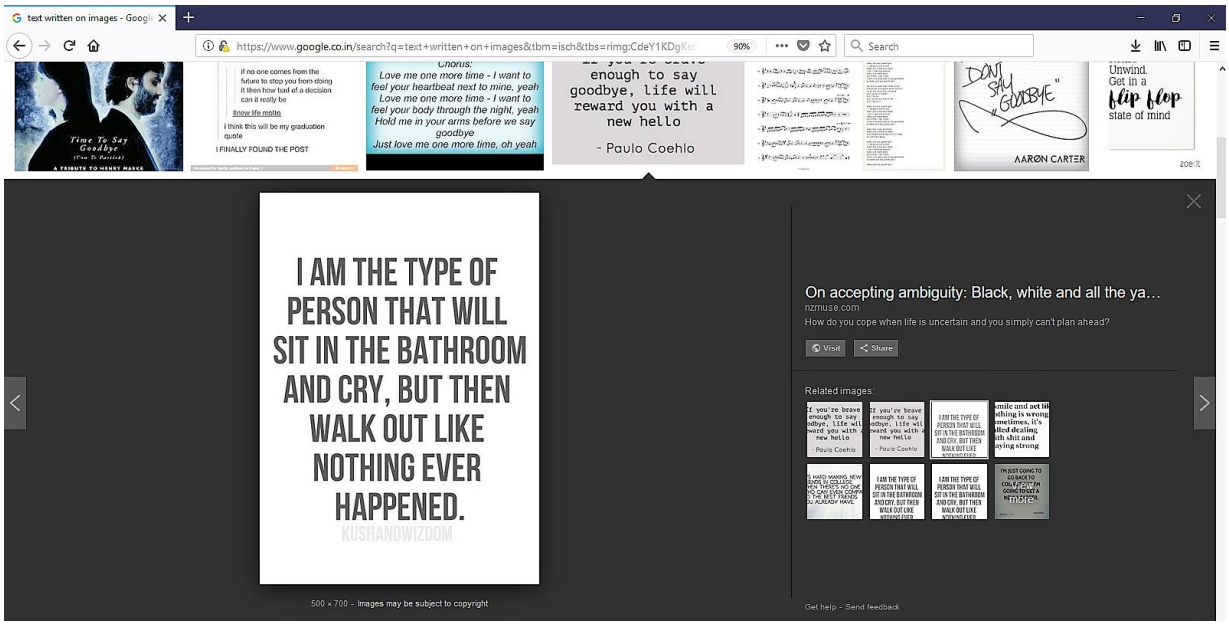
Scrape Result Preview
AUTOMATIC method failed to scrape this UI Element
Indicate Another
UI Element
or
Region
to Scrape.
Scraping Method
Refresh


Scrape Result Preview
NATIVE method failed to scrape this UI Element
Indicate Another
UI Element
or
Region
to Scrape.
Scraping Method
Native
Scrape Options
No Formatting
Get Words Info
Refresh


The Most Powerful Enterprise
RP'A Platform . - _
Indicate Another
UI Element
or
Region
to Scrape.
Scraping Method
OCR
Scrape Options
OCR Engine
Google OCR
Languages
eng
Characters
Any character
Scale
2
Invert
Get Words Info
Refresh


Main*
Main > Flowchart
Expand All
Collapse All
Flowchart
Start
Get Text '_WwG'
Double-click to view
Message box
Double-click to view
Name
Variable type
Scope
Default
str
GenericValue
Flowchart
Enter a VB expression
Create Variable
Variables
Arguments
Imports
100%

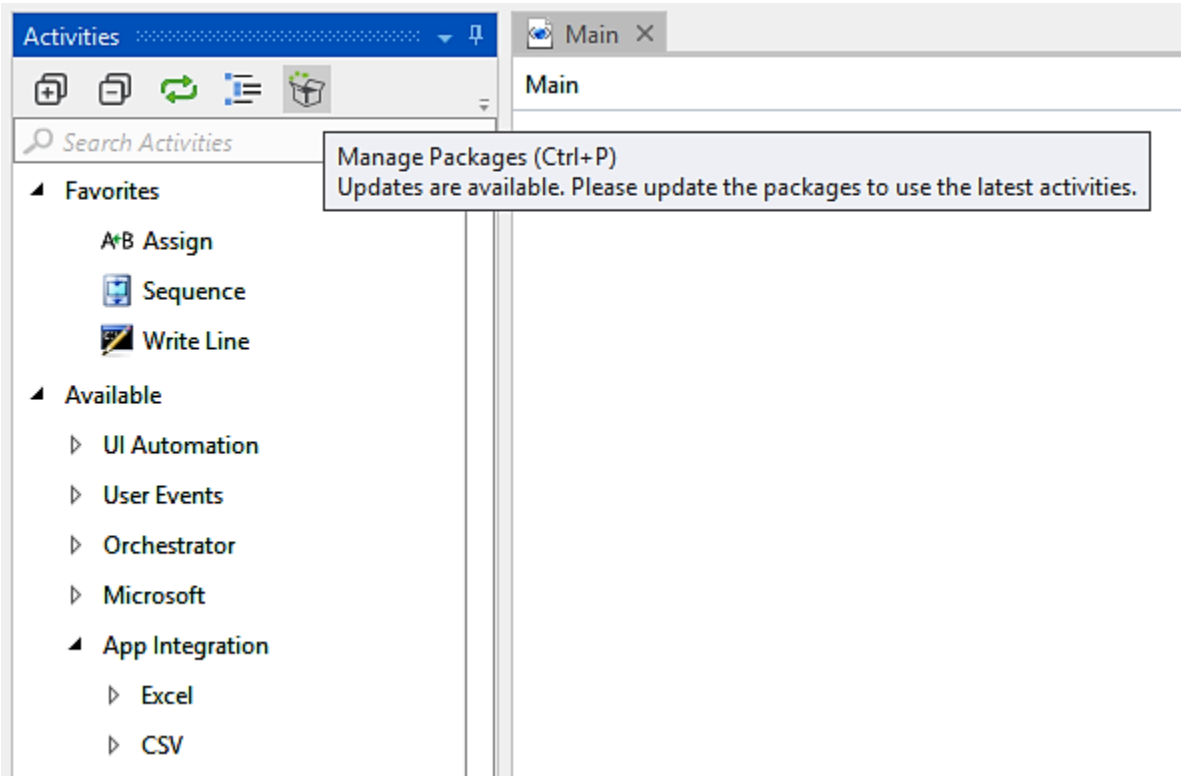

Manage Packages
Installed
All
Available
Update
Filter Activities
Auto Update
Include Prerelease
uipath.core
UiPath.Core.Activities
UI Automation Activities
Uninstall
1
Created by: UiPath
Version: 17.1.6522.14190
Installed: 11/18/2017
Project: View Project Information
Description:
UI Automation Activities
Showing installed packages

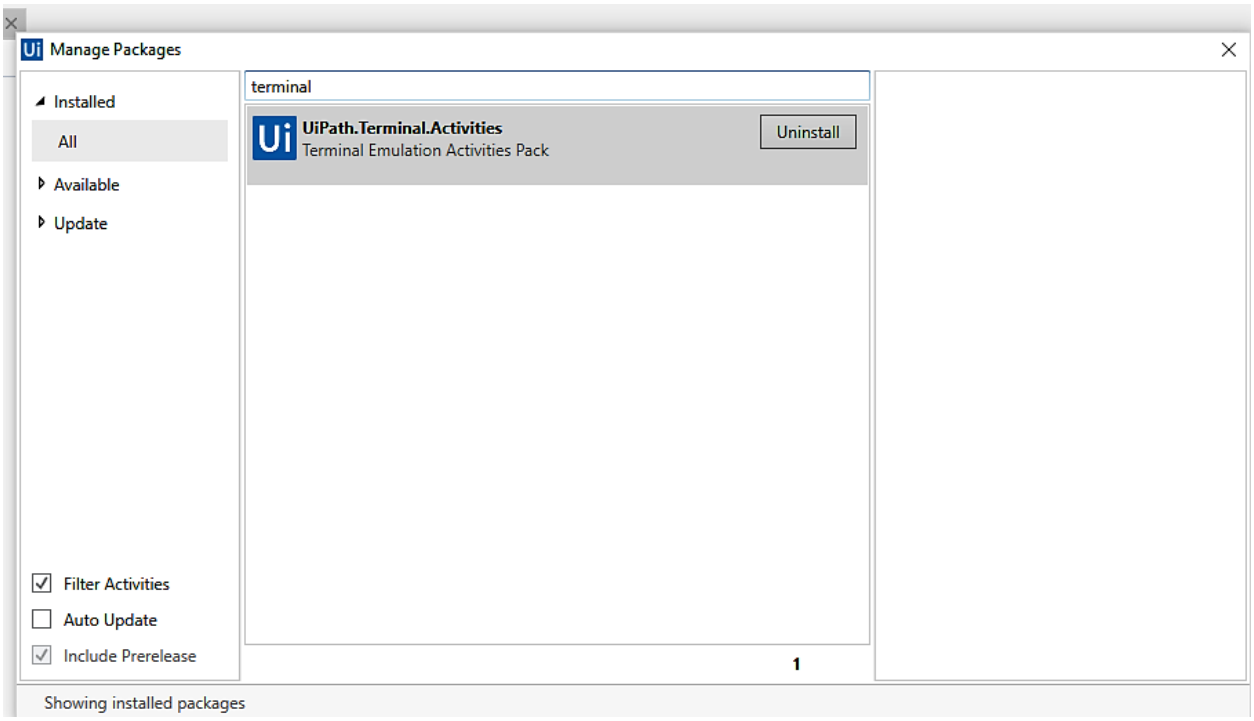

text written on images - Google
https://www.google.co.in/search?q=text+written+on+images&tbm=isch&tbs=rimg:CdeY1KDgK
Search
Time To Say Goodbye
A TRIBUTE TO HENRY MASCE
if no one comes from the future to stop you from doing it then how bad of a decision can it really be
I FINALLY FOUND THE POST
Chorus:
Love me one more time - I want to feel your heartbeat next to mine, yeah
Love me one more time - I want to feel your body through the night, yeah
Hold me in your arms before we say goodbye
Just love me one more time, oh yeah
enough to say goodbye, life will reward you with a new hello
- Paulo Coehlo
DON'T SAY "GOODBYE"
AARØN CARTER
Unwind.
Get in a
flip flop
state of mind
I AM THE TYPE OF PERSON THAT WILL SIT IN THE BATHROOM AND CRY, BUT THEN WALK OUT LIKE NOTHING EVER HAPPENED.
KUSHANDWIZDOM
500 × 700 - Images may be subject to copyright
On accepting ambiguity: Black, white and all the ya…
nzmuse.com
How do you cope when life is uncertain and you simply can't plan ahead?
Visit
Share
Related images:
Get help - Send feedback

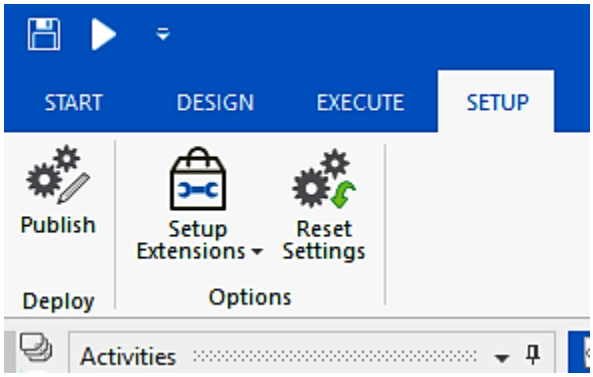
Get OCR text IMG
I AM THE TYPE OF
PERSON THAT WILL

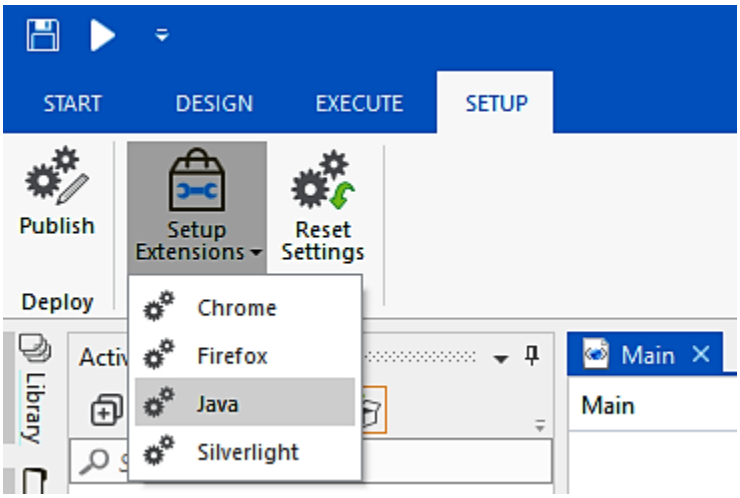
OCR
GoogleOCR

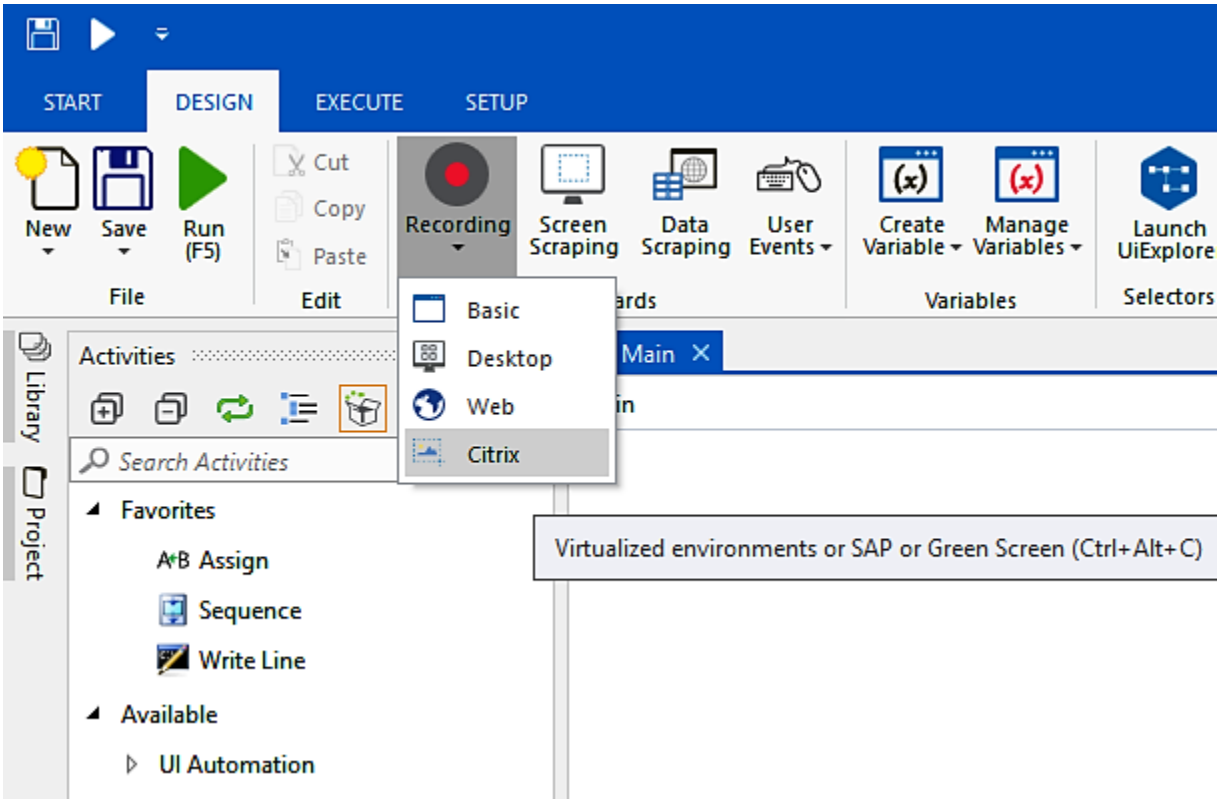
Chapter 6: Tame that Application with Plugins and Extensions

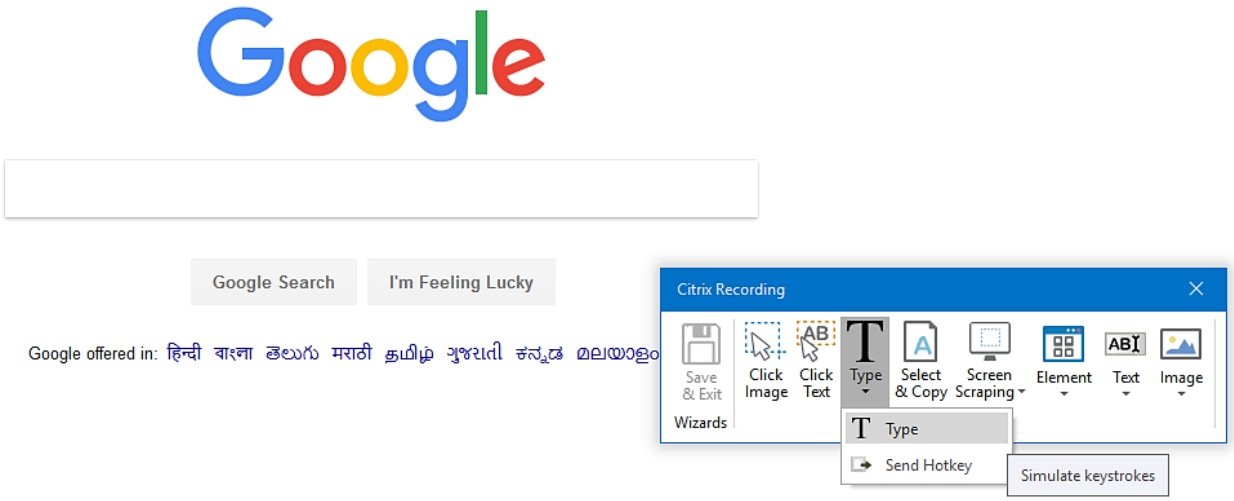


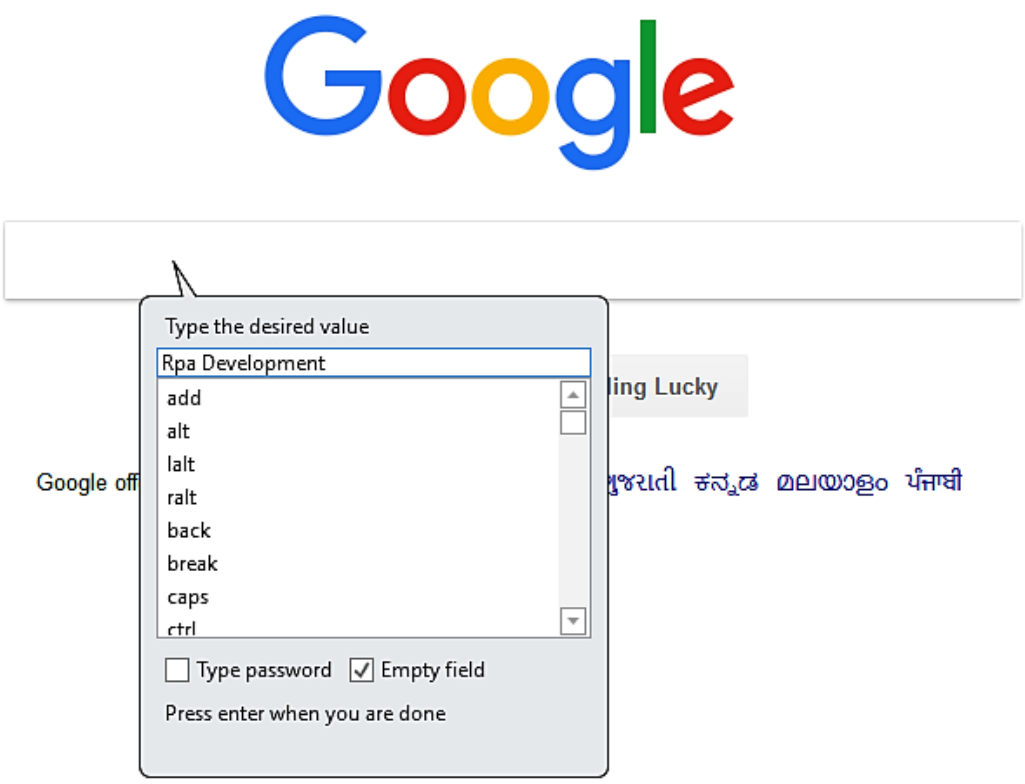

Manage Packages
Installed
All
Available
Update
terminal
UiPath.Terminal.Activities
Terminal Emulation Activities Pack
Uninstall
Filter Activities
Auto Update
Include Prerelease
1
Showing installed packages

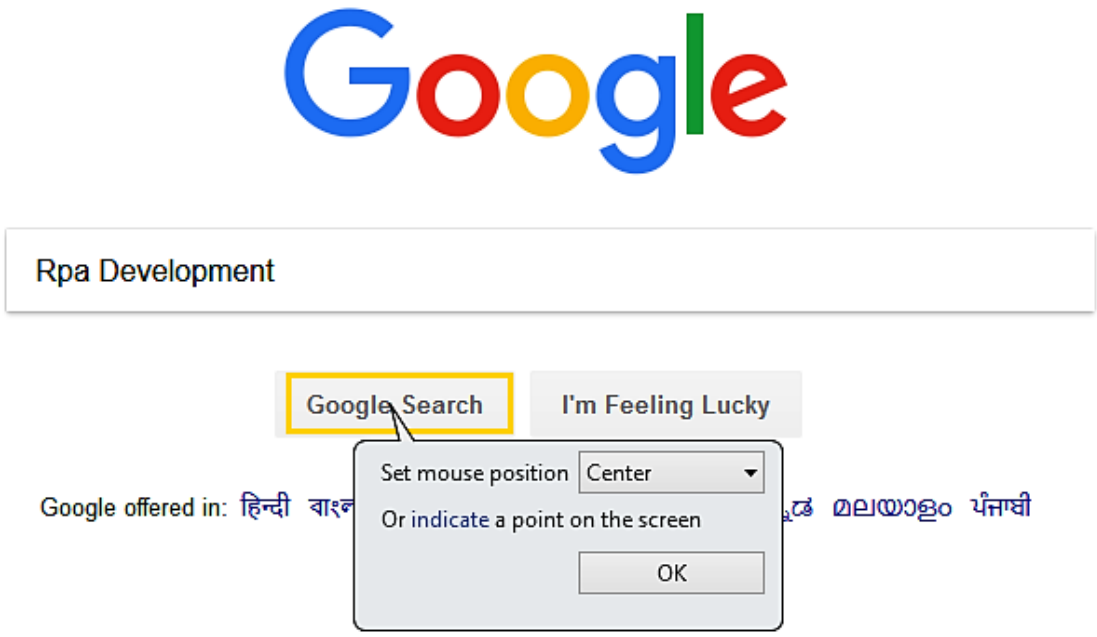

START
DESIGN
EXECUTE
SETUP
Publish
Deploy
Setup Extensions
Reset Settings
Options
Activities

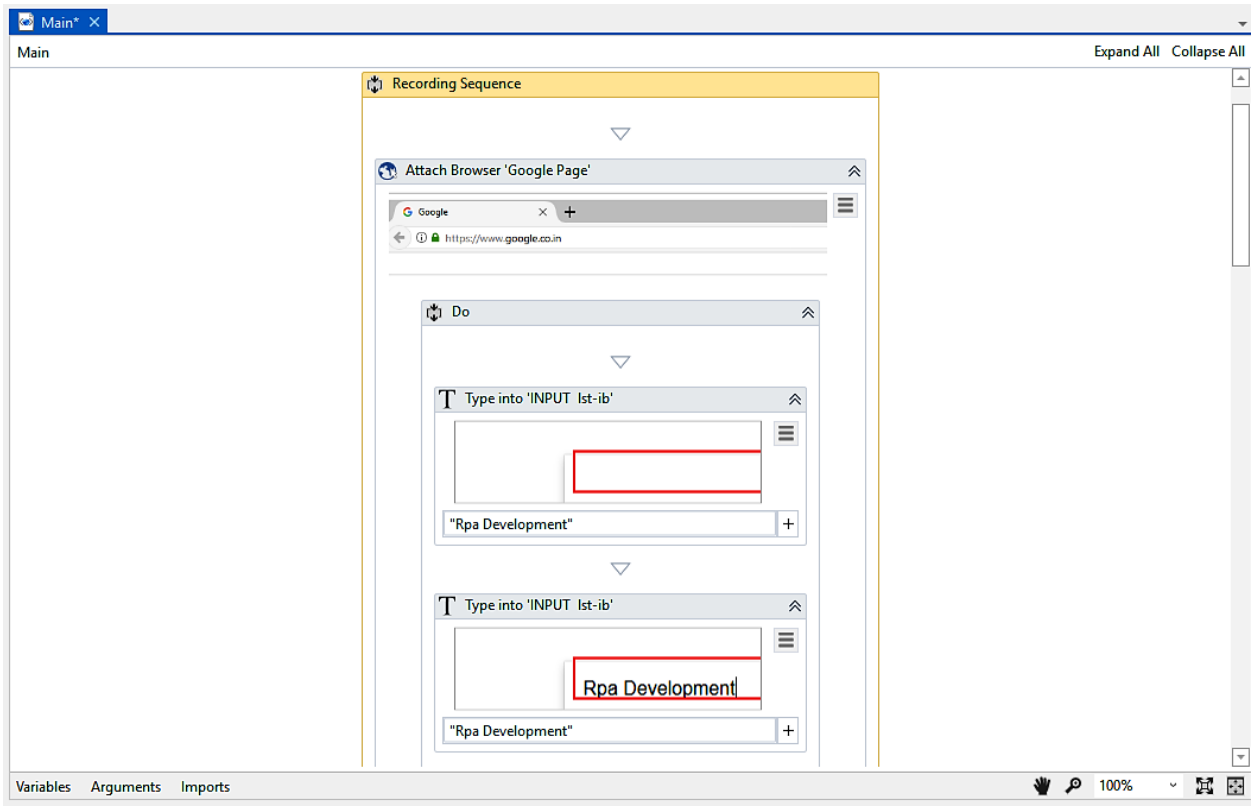

START
DESIGN
EXECUTE
SETUP
Publish
Deploy
Setup Extensions
Reset Settings
Chrome
Firefox
Java
Silverlight
Library
Main
Main

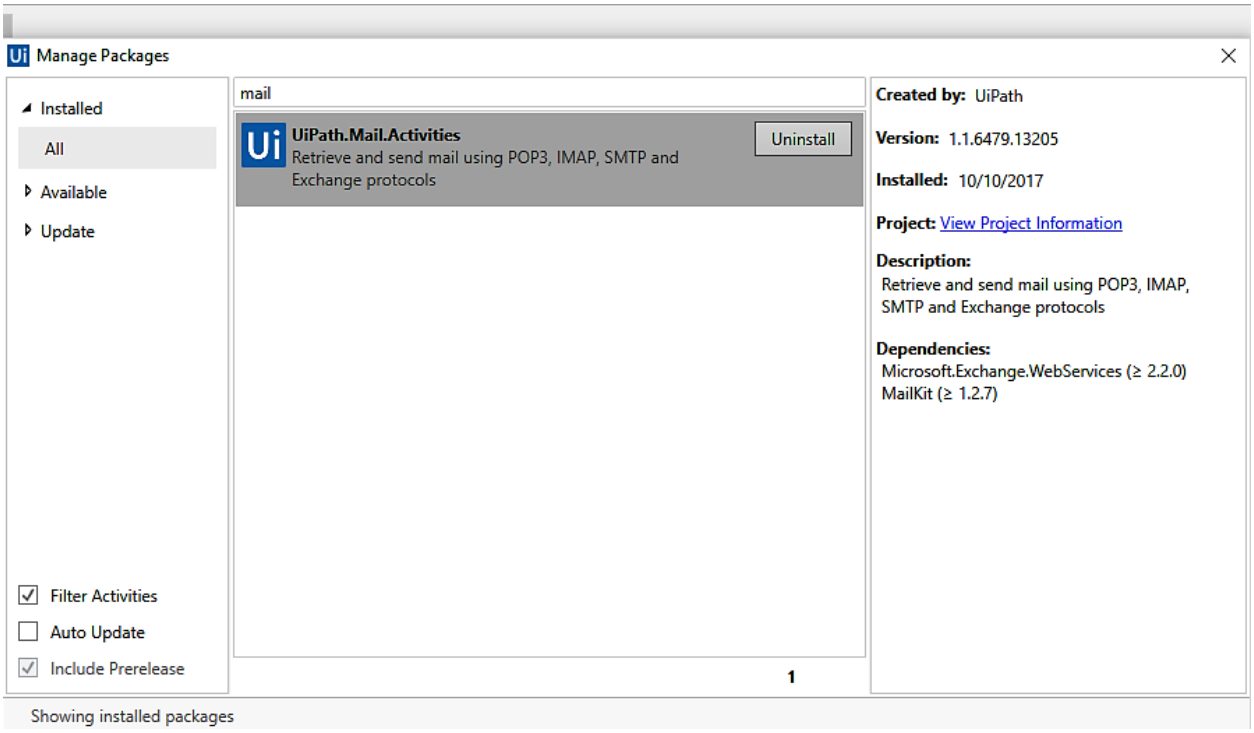

START
DESIGN
EXECUTE
SETUP
New
Save
Run (F5)
File
Cut
Copy
Paste
Edit
Recording
Screen Scraping
Data Scraping
User Events
Create Variable
Manage Variables
Variables
Launch UiExplore
Selectors
Basic
Desktop
Web
Citrix
Activities
Search Activities
Favorites
Assign
Sequence
Write Line
Available
UI Automation
Main
Virtualized environments or SAP or Green Screen (Ctrl+Alt+C)
Library
Project

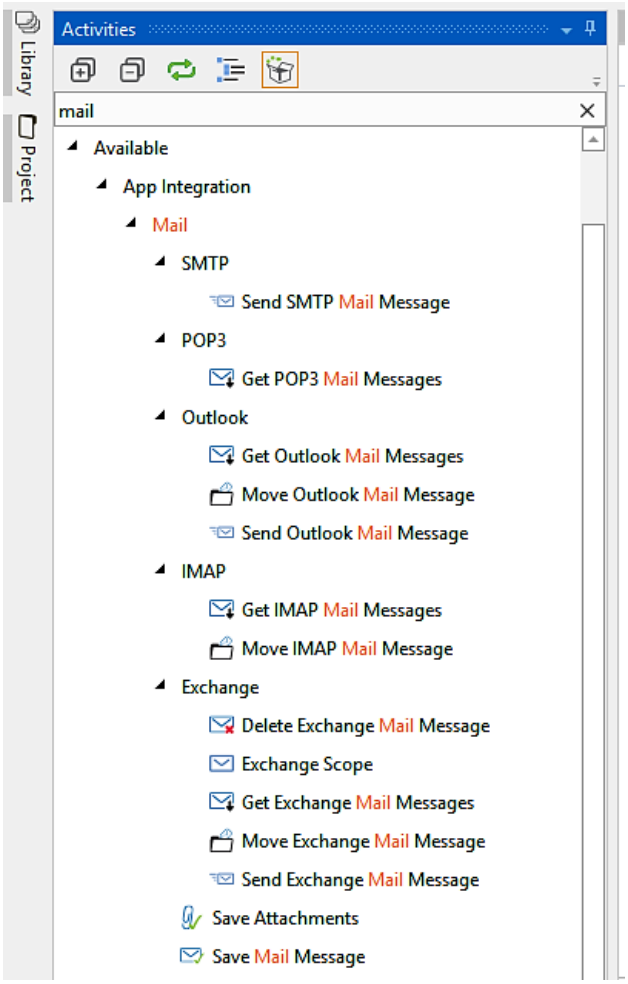

Google
Google Search
I'm Feeling Lucky
Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം
Citrix Recording
Save & Exit
Wizards
Click Image
Click Text
Type
Select & Copy
Screen Scraping
Element
Text
Image
Type
Send Hotkey
Simulate keystrokes

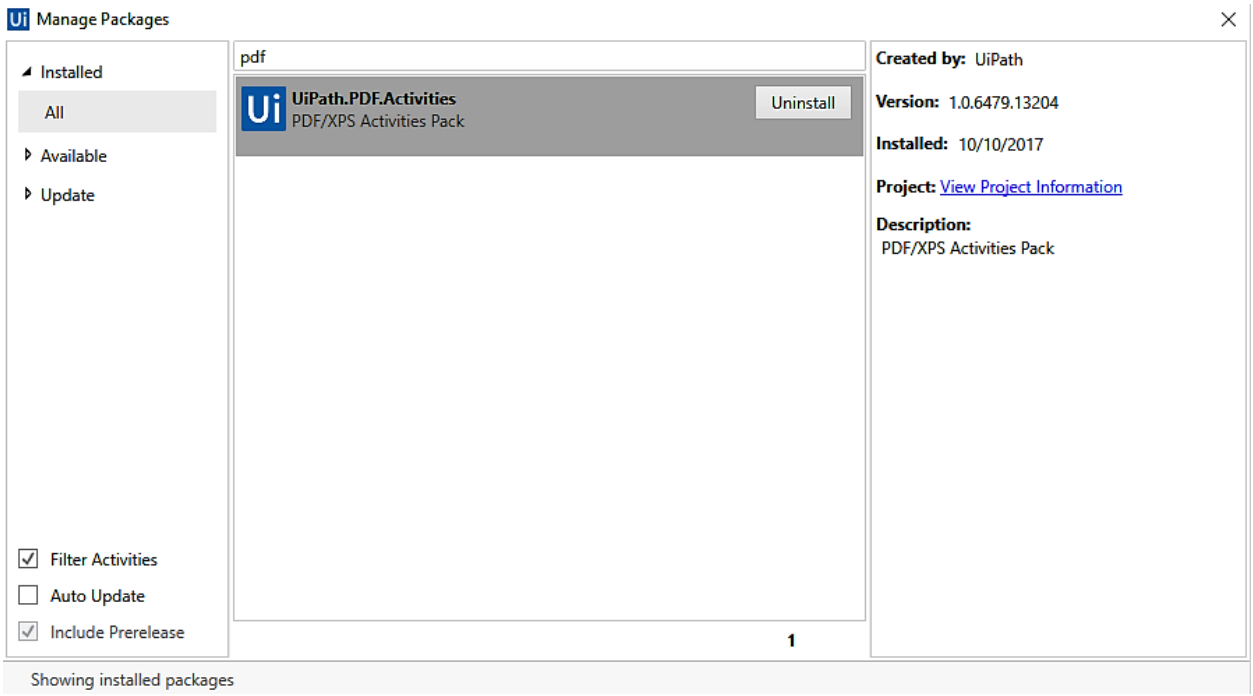

Google
Type the desired value
Rpa Development
add
alt
lalt
ralt
back
break
caps
ctrl
Type password
Empty field
Press enter when you are done
ling Lucky
Google off
ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ

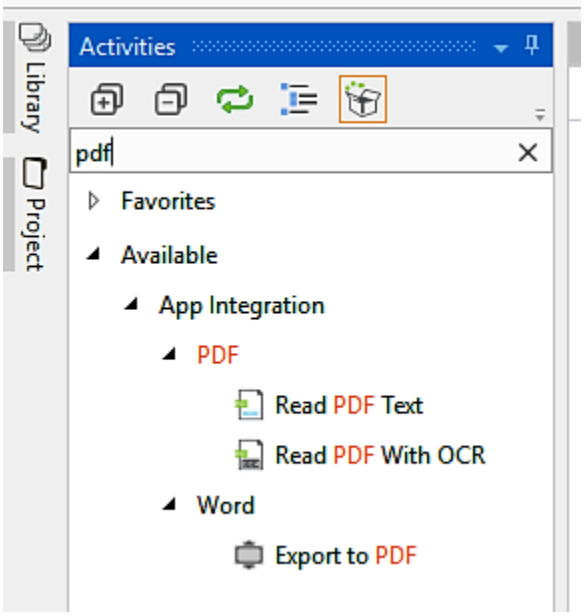

Google
Rpa Development
Google Search
I'm Feeling Lucky
Set mouse position
Center
Or indicate a point on the screen
OK
Google offered in:
മലയാളം
ਪੰਜਾਬੀ

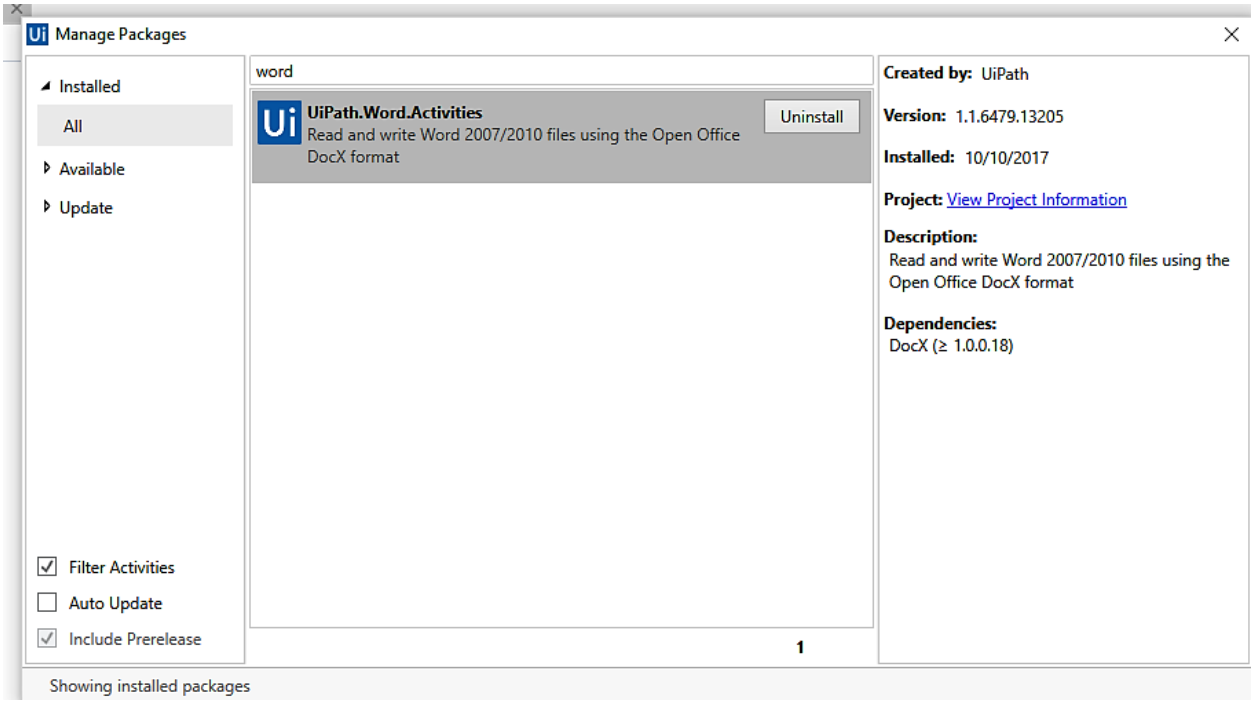

Main*
Main
Expand All
Collapse All
Recording Sequence
Attach Browser 'Google Page'
Google
https://www.google.co.in
Do
Type into 'INPUT lst-ib'
"Rpa Development"
Type into 'INPUT lst-ib'
Rpa Development
"Rpa Development"
Variables
Arguments
Imports
100%

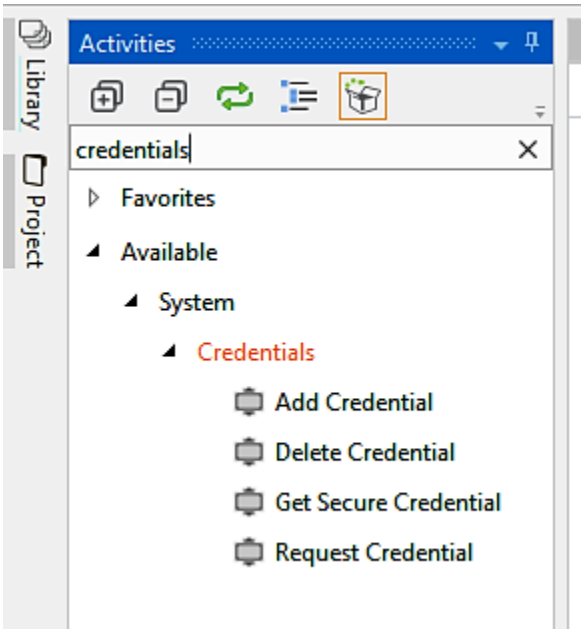

Manage Packages
Installed
All
Available
Update
mail
UiPath.Mail.Activities
Retrieve and send mail using POP3, IMAP, SMTP and Exchange protocols
Uninstall
Created by: UiPath
Version: 1.1.6479.13205
Installed: 10/10/2017
Project: View Project Information
Description:
Retrieve and send mail using POP3, IMAP, SMTP and Exchange protocols
Dependencies:
Microsoft.Exchange.WebServices (≥ 2.2.0)
MailKit (≥ 1.2.7)
Filter Activities
Auto Update
Include Prerelease
1
Showing installed packages

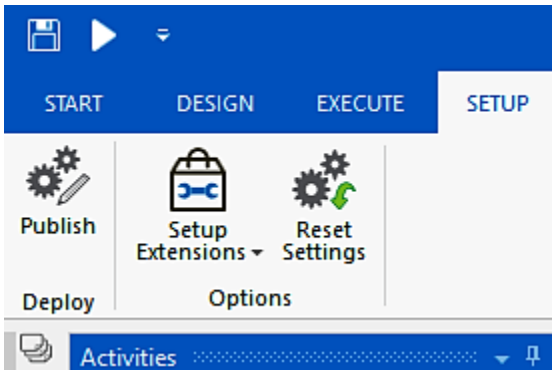

Activities
Library
Project
mail
Available
App Integration
Mail
SMTP
Send SMTP Mail Message
POP3
Get POP3 Mail Messages
Outlook
Get Outlook Mail Messages
Move Outlook Mail Message
Send Outlook Mail Message
IMAP
Get IMAP Mail Messages
Move IMAP Mail Message
Exchange
Delete Exchange Mail Message
Exchange Scope
Get Exchange Mail Messages
Move Exchange Mail Message
Send Exchange Mail Message
Save Attachments
Save Mail Message

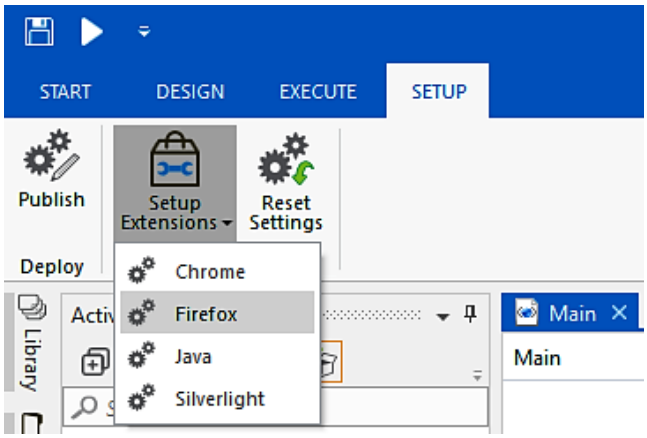

Manage Packages
Installed
All
Available
Update
pdf
UiPath.PDF.Activities
PDF/XPS Activities Pack
Uninstall
Created by: UiPath
Version: 1.0.6479.13204
Installed: 10/10/2017
Project: View Project Information
Description:
PDF/XPS Activities Pack
Filter Activities
Auto Update
Include Prerelease
1
Showing installed packages

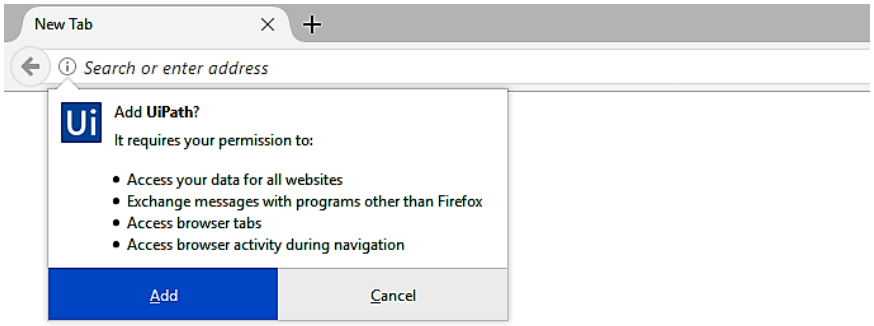

Library
Project
Activities
pdf
Favorites
Available
App Integration
PDF
Read PDF Text
Read PDF With OCR
Word
Export to PDF


Manage Packages
Installed
All
Available
Update
word
UiPath.Word.Activities
Read and write Word 2007/2010 files using the Open Office DocX format
Uninstall
Created by: UiPath
Version: 1.1.6479.13205
Installed: 10/10/2017
Project: View Project Information
Description:
Read and write Word 2007/2010 files using the Open Office DocX format
Dependencies:
DocX (≥ 1.0.0.18)
Filter Activities
Auto Update
Include Prerelease
1
Showing installed packages

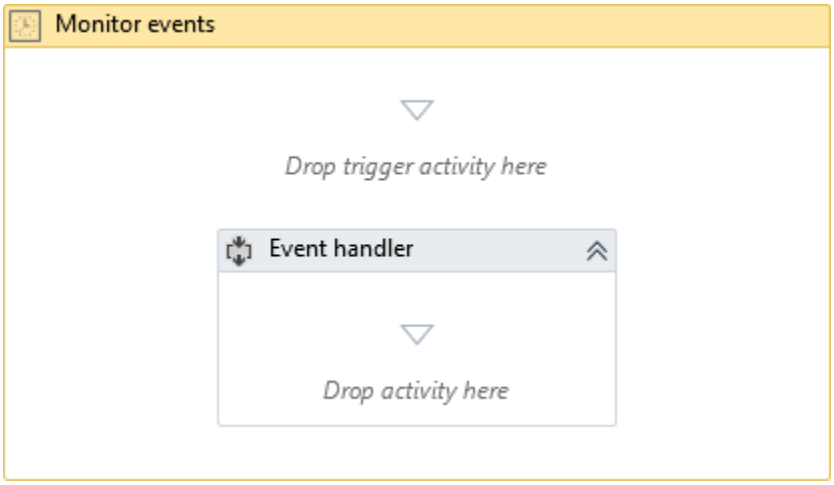

Library
Project
Activities
credentials
Favorites
Available
System
Credentials
Add Credential
Delete Credential
Get Secure Credential
Request Credential

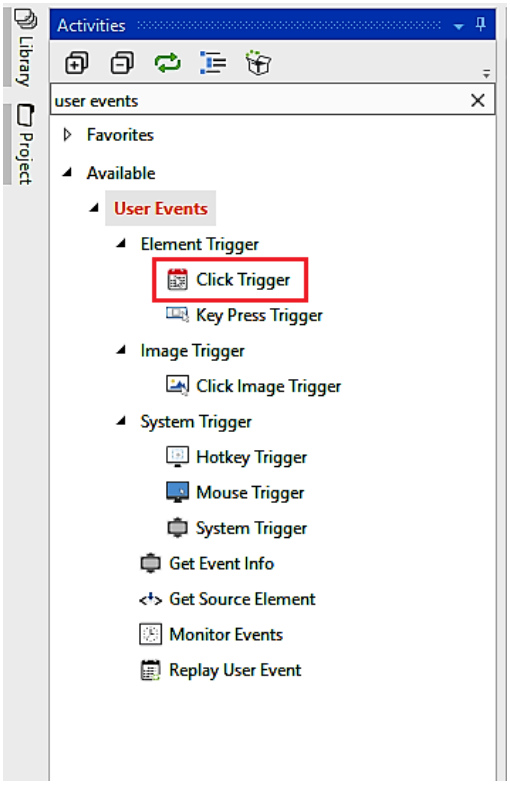

START
DESIGN
EXECUTE
SETUP
Publish
Deploy
Setup Extensions
Reset Settings
Options
Activities

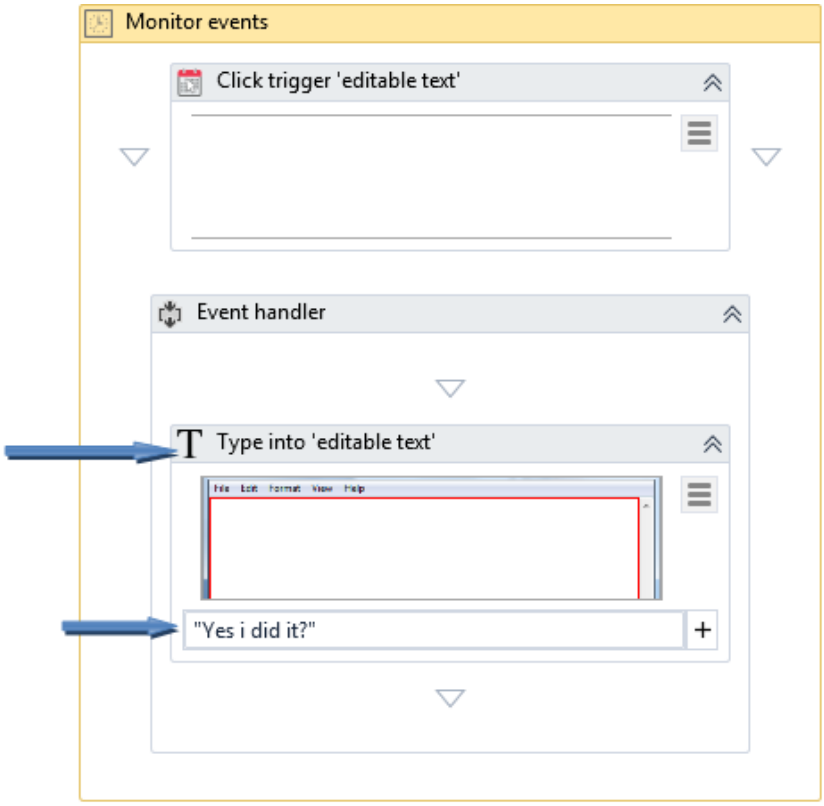

START
DESIGN
EXECUTE
SETUP
Publish
Deploy
Setup Extensions
Reset Settings
Chrome
Firefox
Java
Silverlight
Library
Main
Main

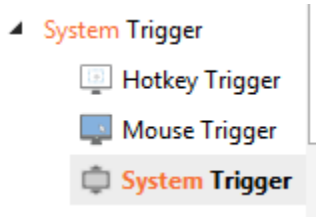

New Tab
Search or enter address
Add UiPath?
It requires your permission to:
Access your data for all websites
Exchange messages with programs other than Firefox
Access browser tabs
Access browser activity during navigation
Add
Cancel

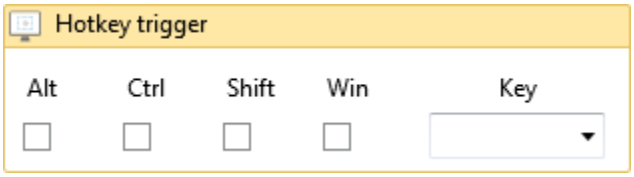
Chapter 7: Handling User Events and Assistant Bots

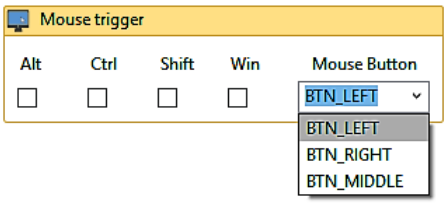


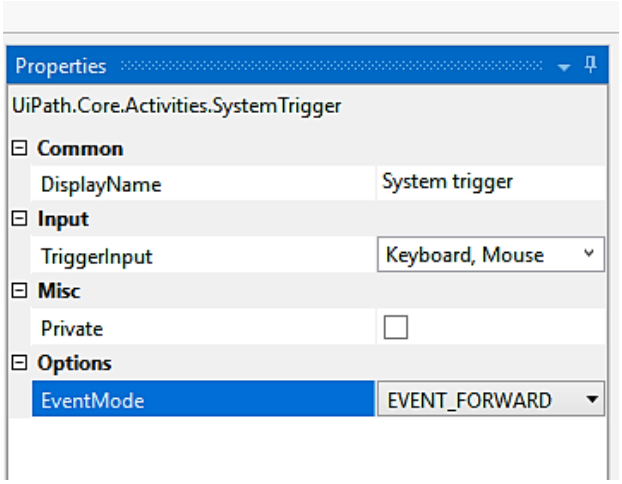



Monitor events
Click trigger 'editable text'
Event handler
Type into 'editable text'
"Yes i did it?"

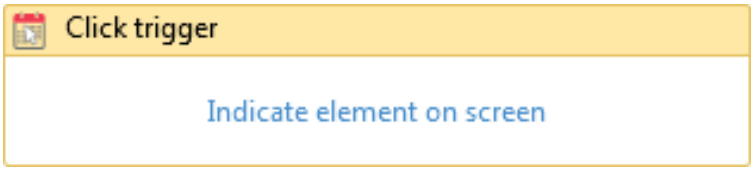

System Trigger
Hotkey Trigger
Mouse Trigger
System Trigger

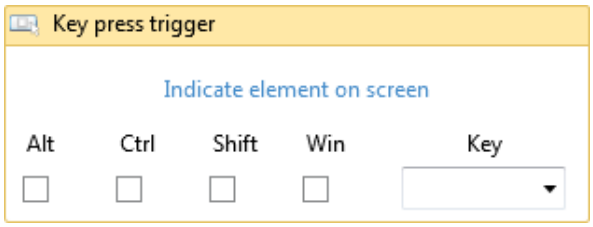

Hotkey trigger
Alt
Ctrl
Shift
Win
Key

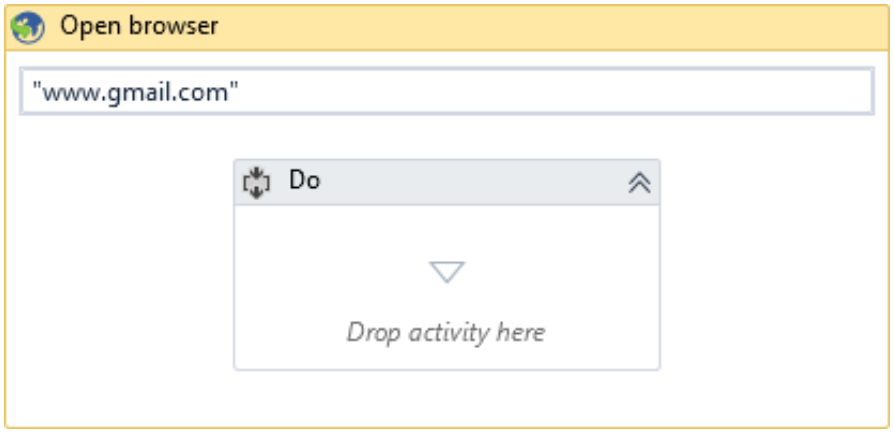

Mouse trigger
Alt
Ctrl
Shift
Win
Mouse Button
BTN_LEFT
BTN_LEFT
BTN_RIGHT
BTN_MIDDLE

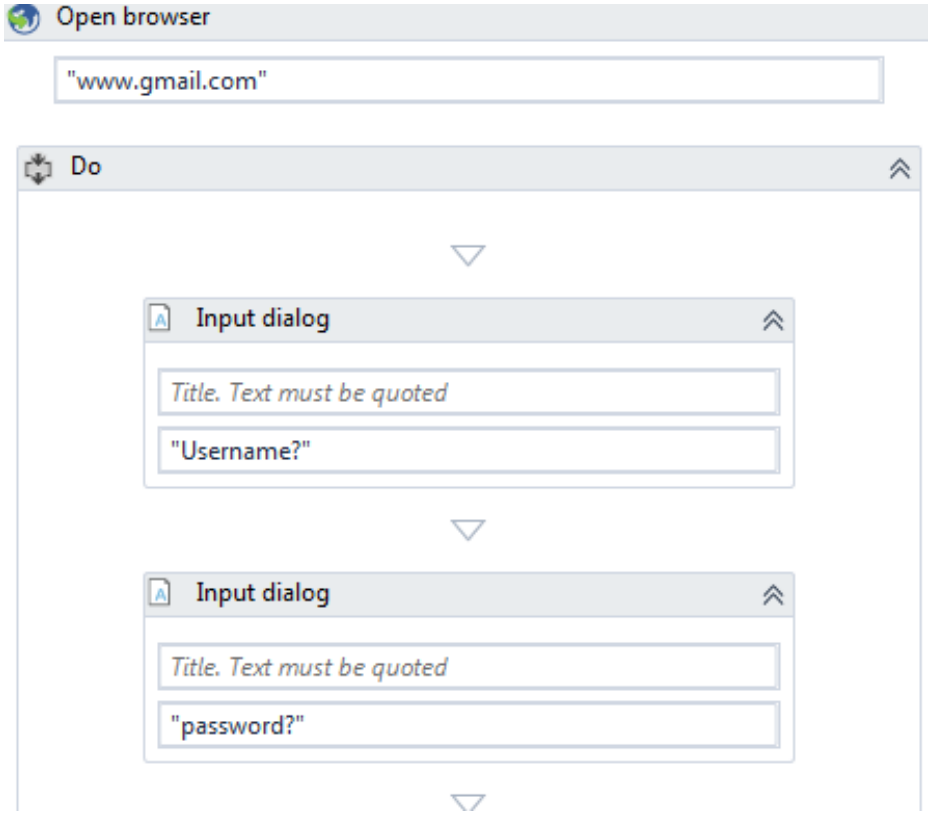

Properties
UiPath.Core.Activities.SystemTrigger
Common
DisplayName
System trigger
Input
TriggerInput
Keyboard, Mouse
Misc
Private
Options
EventMode
EVENT_FORWARD

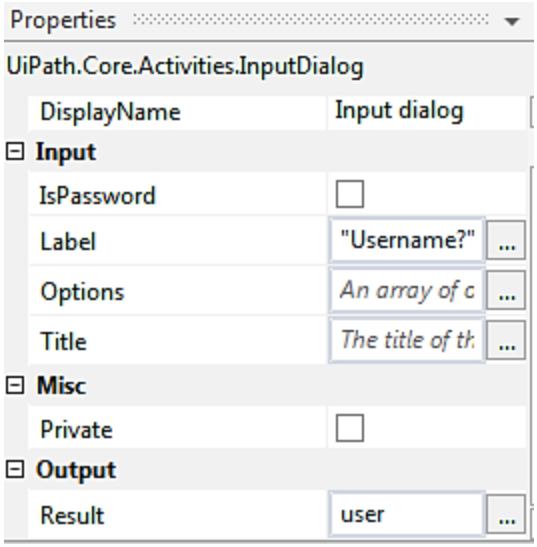
Available
User Events
Element Trigger
Click Trigger
Key Press Trigger
Image Trigger
Click Image Trigger

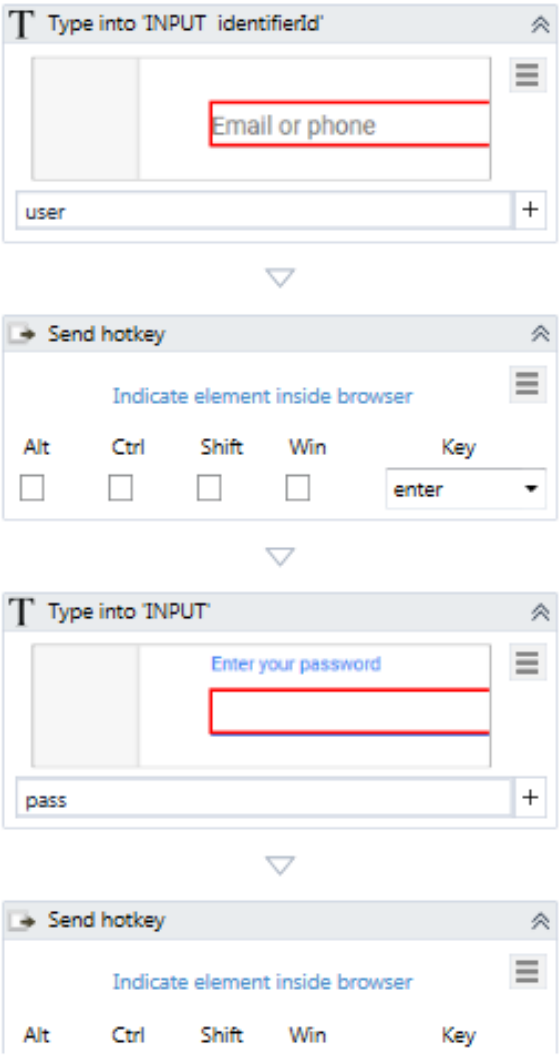

Click trigger
Indicate element on screen

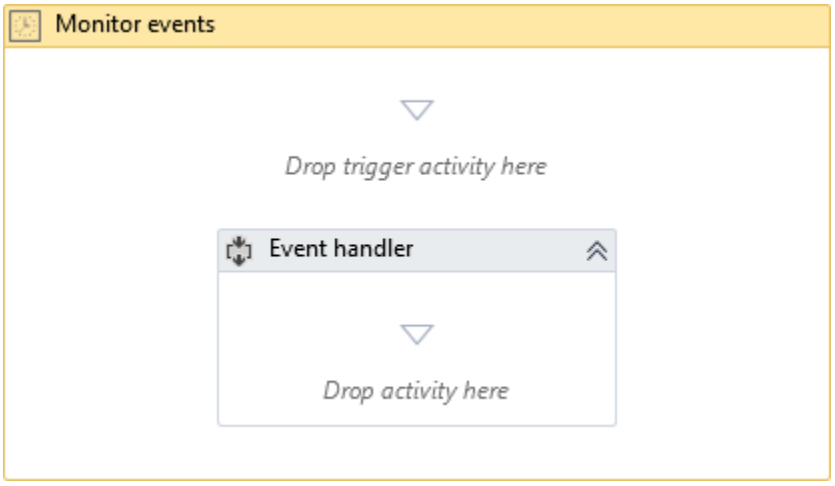

Key press trigger
Indicate element on screen
Alt
Ctrl
Shift
Win
Key

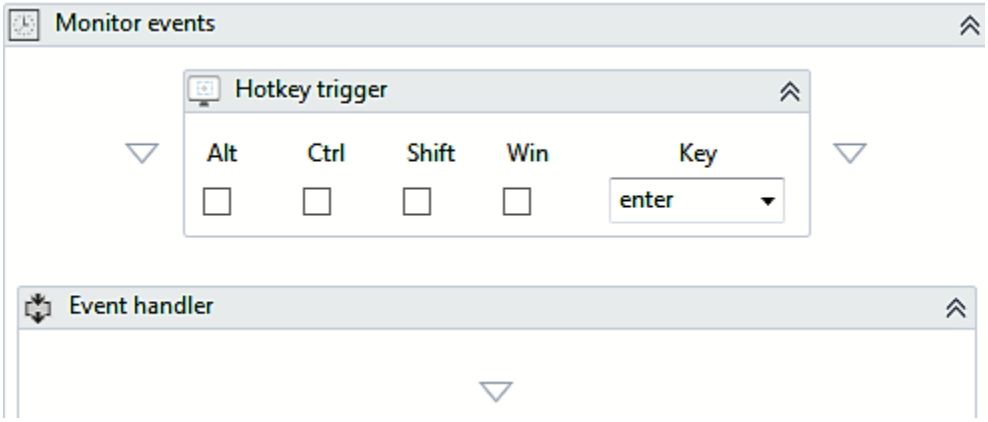

Open browser
"www.gmail.com"
Do
Drop activity here

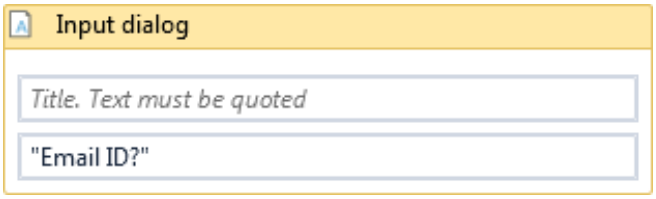

Open browser
"www.gmail.com"
Do
Input dialog
Title. Text must be quoted
"Username?"
Input dialog
Title. Text must be quoted
"password?"

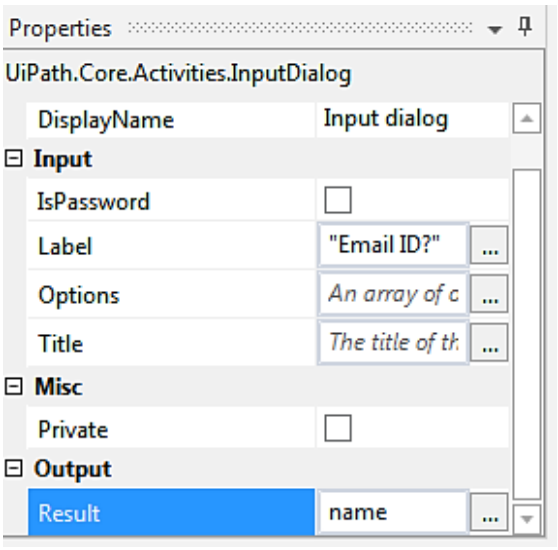

Properties
UiPath.Core.Activities.InputDialog
DisplayName
Input dialog
Input
IsPassword
Label
"Username?"
Options
An array of c
Title
The title of th
Misc
Private
Output
Result
user

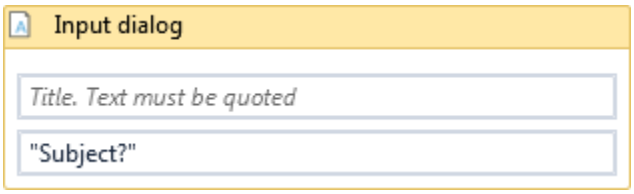

Type into 'INPUT identifierId'
Email or phone
user
Send hotkey
Indicate element inside browser
Alt
Ctrl
Shift
Win
Key
enter
Type into 'INPUT'
Enter your password
pass
Send hotkey
Indicate element inside browser
Alt
Ctrl
Shift
Win
Key

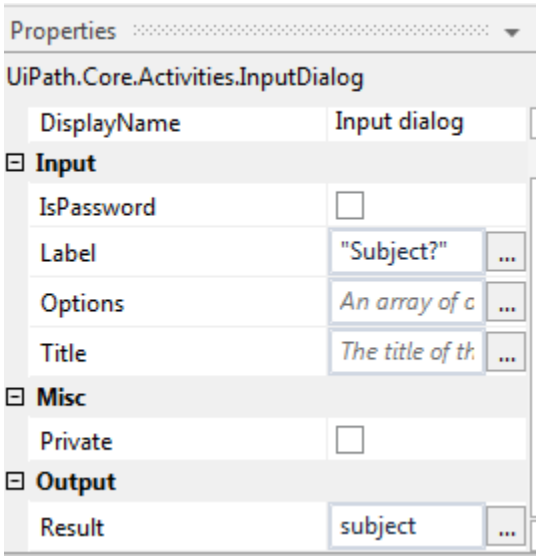

Monitor events
Drop trigger activity here
Event handler
Drop activity here

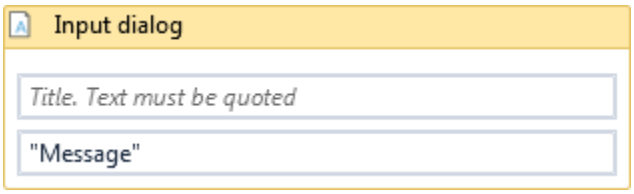

Monitor events
Hotkey trigger
Alt
Ctrl
Shift
Win
Key
enter
Event handler

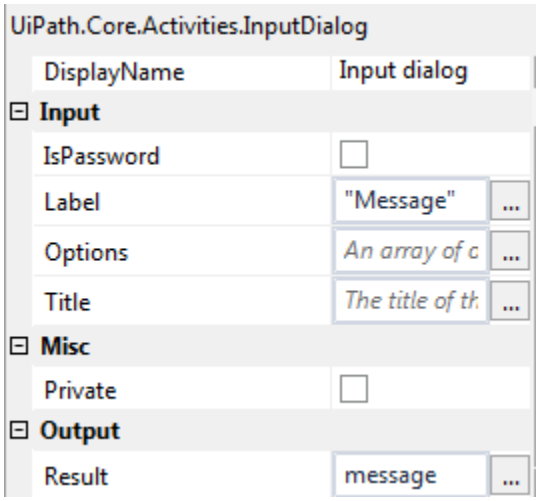

Input dialog
Title. Text must be quoted
"Email ID?"

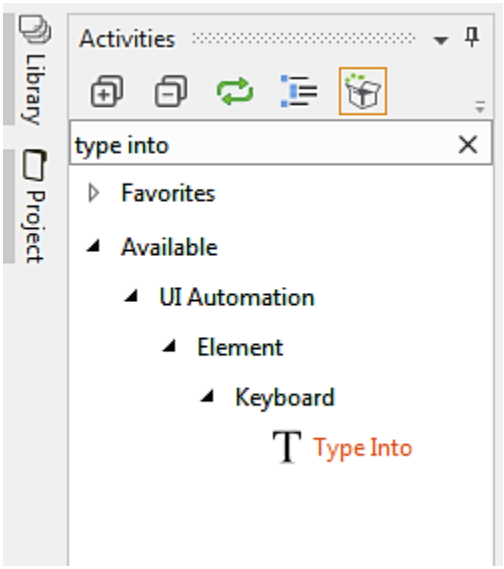

Properties
UiPath.Core.Activities.InputDialog
DisplayName
Input dialog
Input
IsPassword
Label
"Email ID?"
Options
An array of c
Title
The title of th
Misc
Private
Output
Result
name

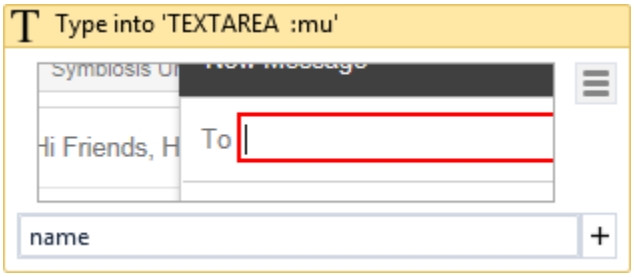

Input dialog
Title. Text must be quoted
"Subject?"

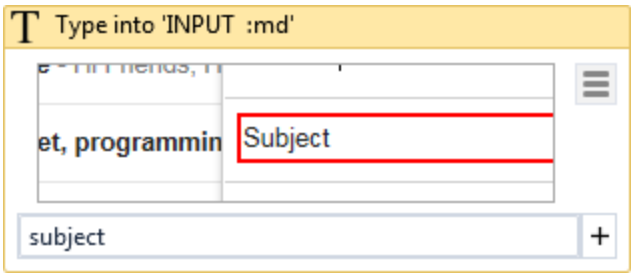

Properties
UiPath.Core.Activities.InputDialog
DisplayName
Input dialog
Input
IsPassword
Label
"Subject?"
Options
An array of c
Title
The title of th
Misc
Private
Output
Result
subject

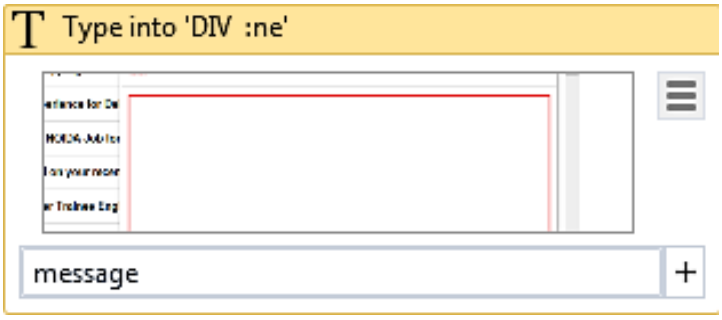

Input dialog
Title. Text must be quoted
"Message"

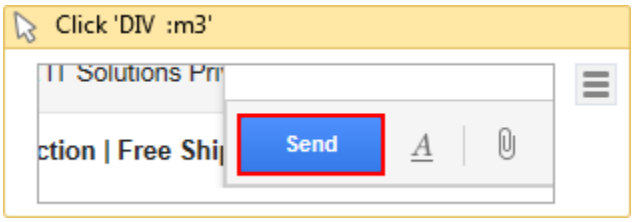

UiPath.Core.Activities.InputDialog
DisplayName
Input dialog
Input
IsPassword
Label
"Message"
Options
An array of c
Title
The title of th
Misc
Private
Output
Result
message

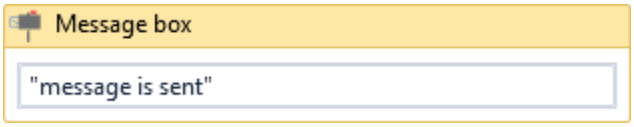

Activities
Library
Project
type into
Favorites
Available
UI Automation
Element
Keyboard
Type Into

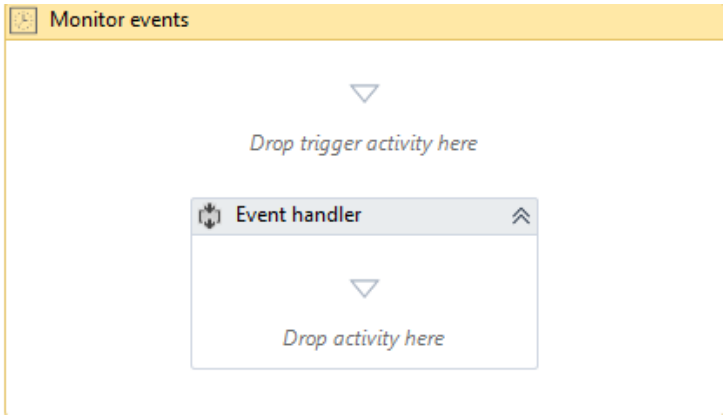

Type into 'TEXTAREA :mu'
To
name

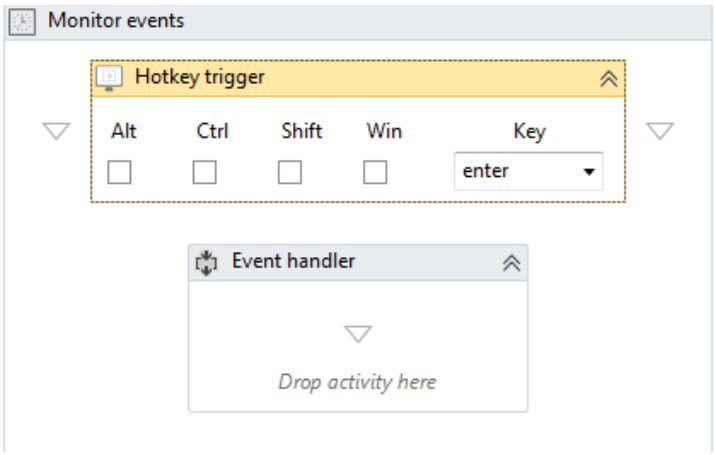

Type into 'INPUT :md'
et, programmin
Subject
subject

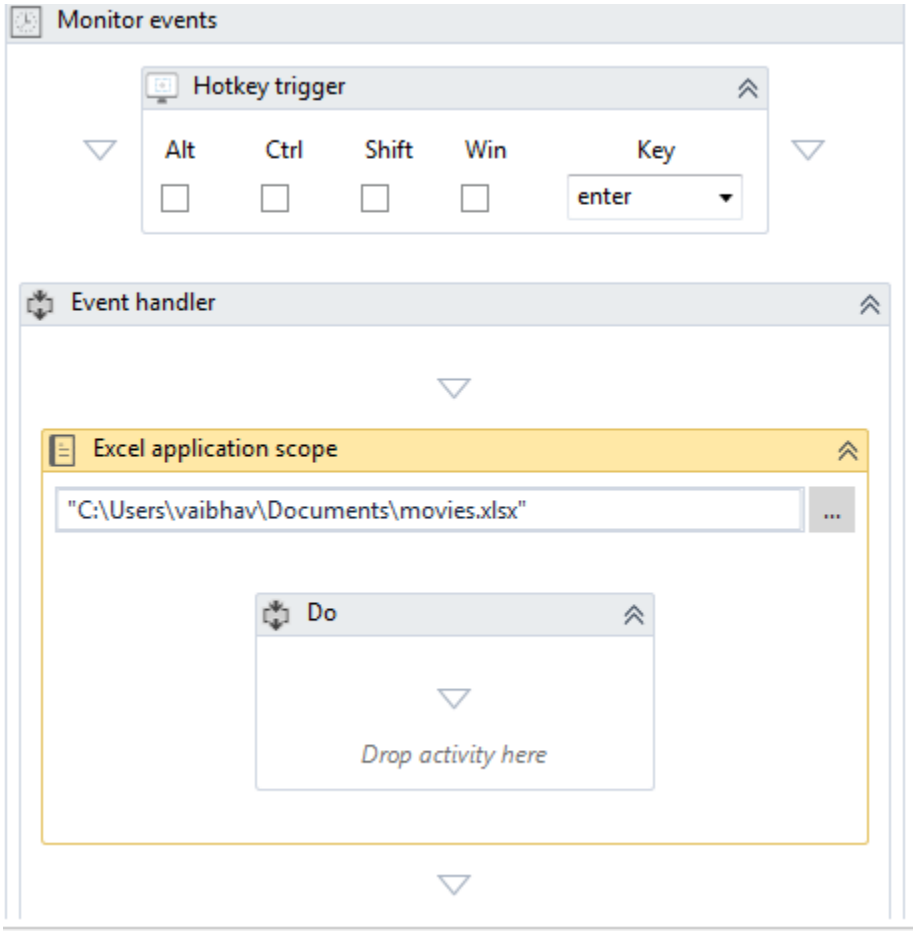

Type into 'DIV :ne'
message

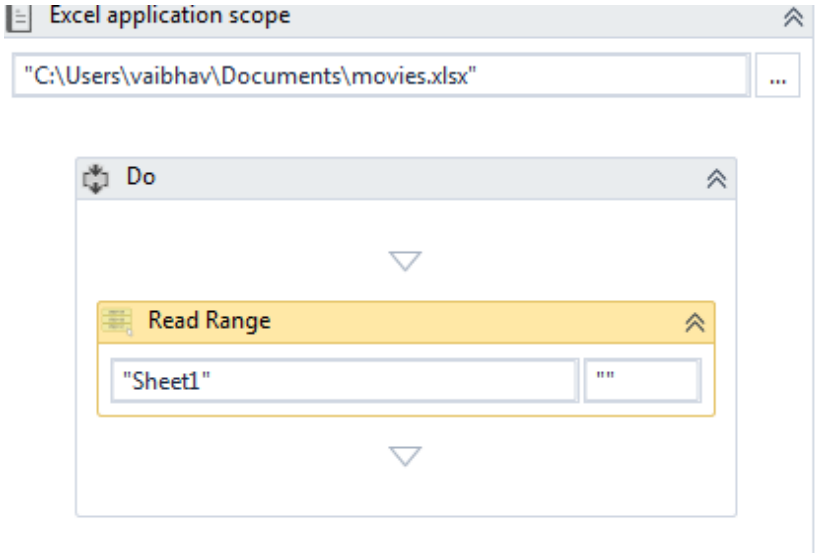

Click 'DIV :m3'
Send

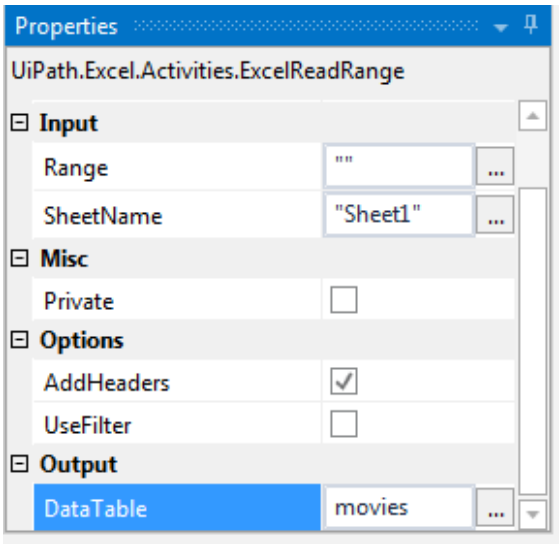

Message box
"message is sent"

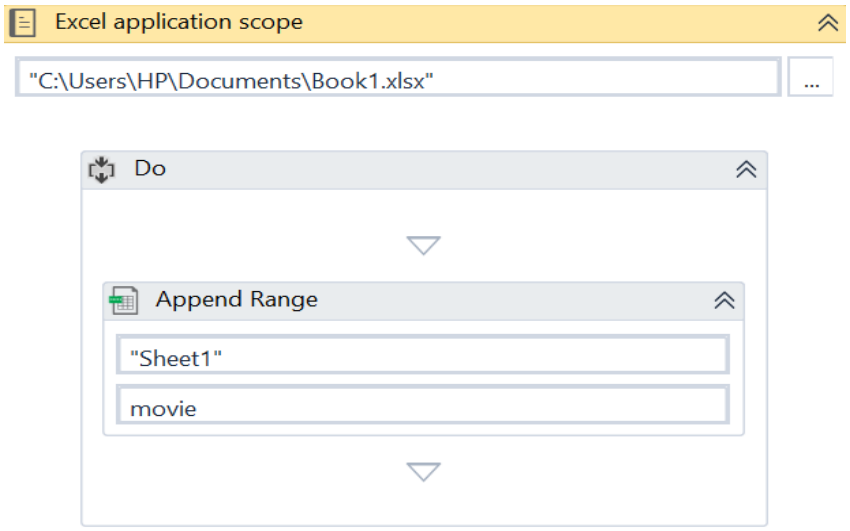

Monitor events
Drop trigger activity here
Event handler
Drop activity here

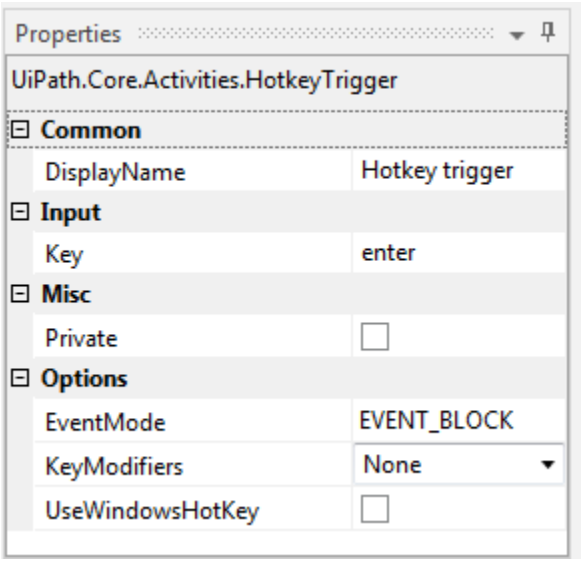

Monitor events
Hotkey trigger
Alt
Ctrl
Shift
Win
Key
enter
Event handler
Drop activity here

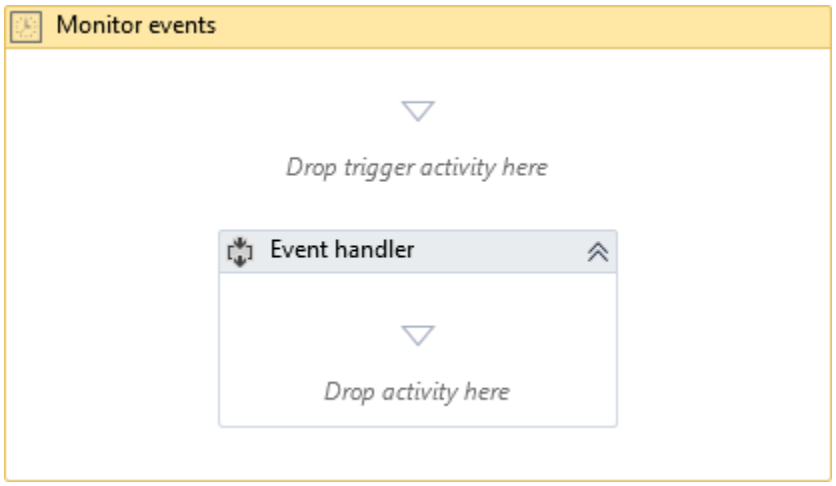

Monitor events
Hotkey trigger
Alt
Ctrl
Shift
Win
Key
enter
Event handler
Excel application scope
"C:\Users\vaibhav\Documents\movies.xlsx"
...
Do
Drop activity here

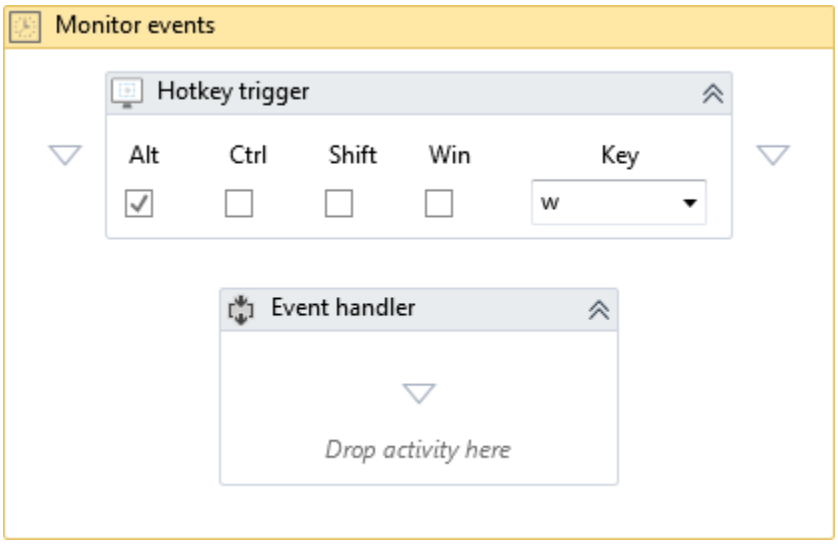

Excel application scope
"C:\Users\vaibhav\Documents\movies.xlsx"
...
Do
Read Range
"Sheet1"
""

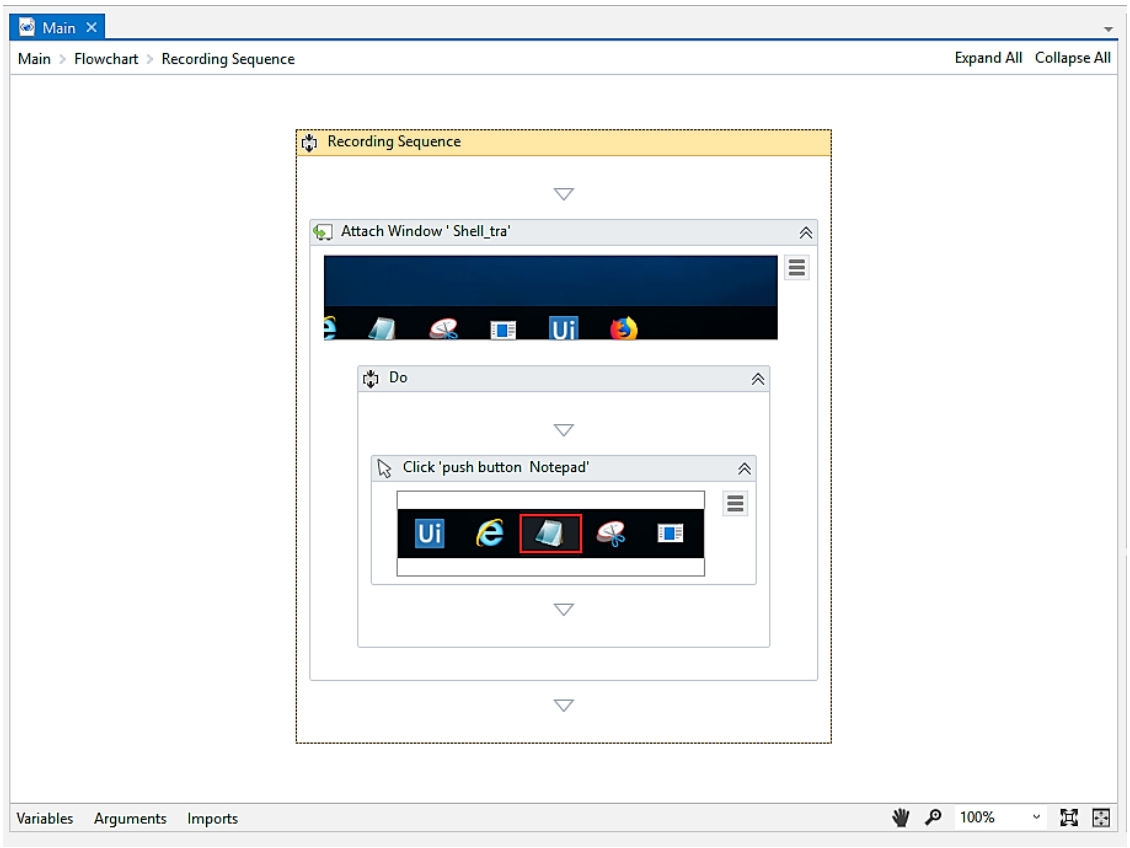

Properties
UiPath.Excel.Activities.ExcelReadRange
Input
Range
""
...
SheetName
"Sheet1"
...
Misc
Private
Options
AddHeaders
UseFilter
Output
DataTable
movies
...

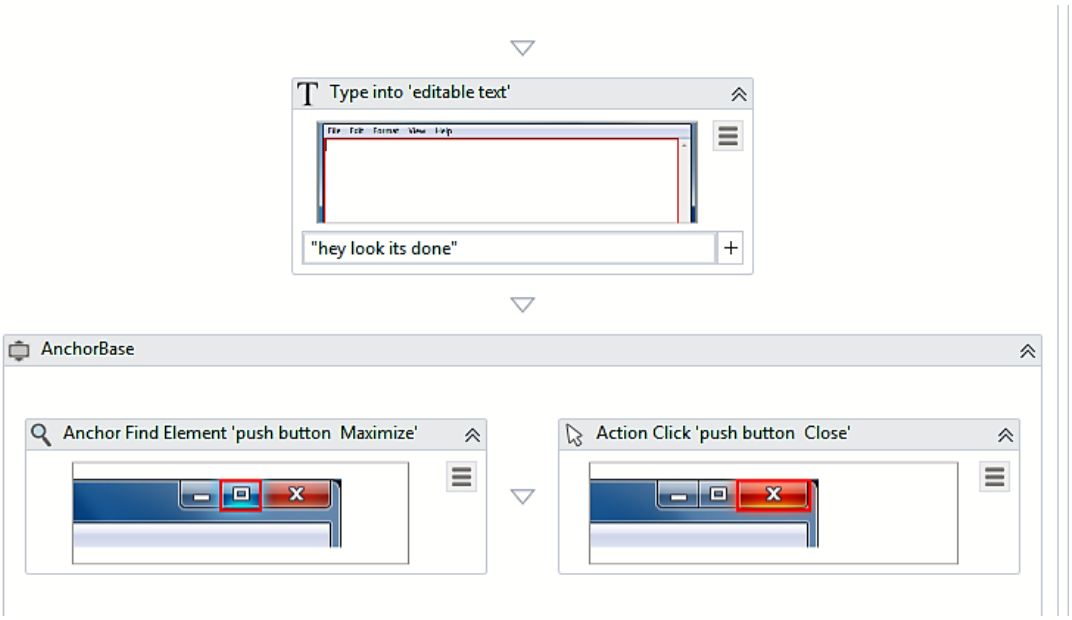

Excel application scope
"C:\Users\HP\Documents\Book1.xlsx"
...
Do
Append Range
"Sheet1"
movie


Properties
UiPath.Core.Activities.HotkeyTrigger
Common
DisplayName
Hotkey trigger
Input
Key
enter
Misc
Private
Options
EventMode
EVENT_BLOCK
KeyModifiers
None
UseWindowsHotKey

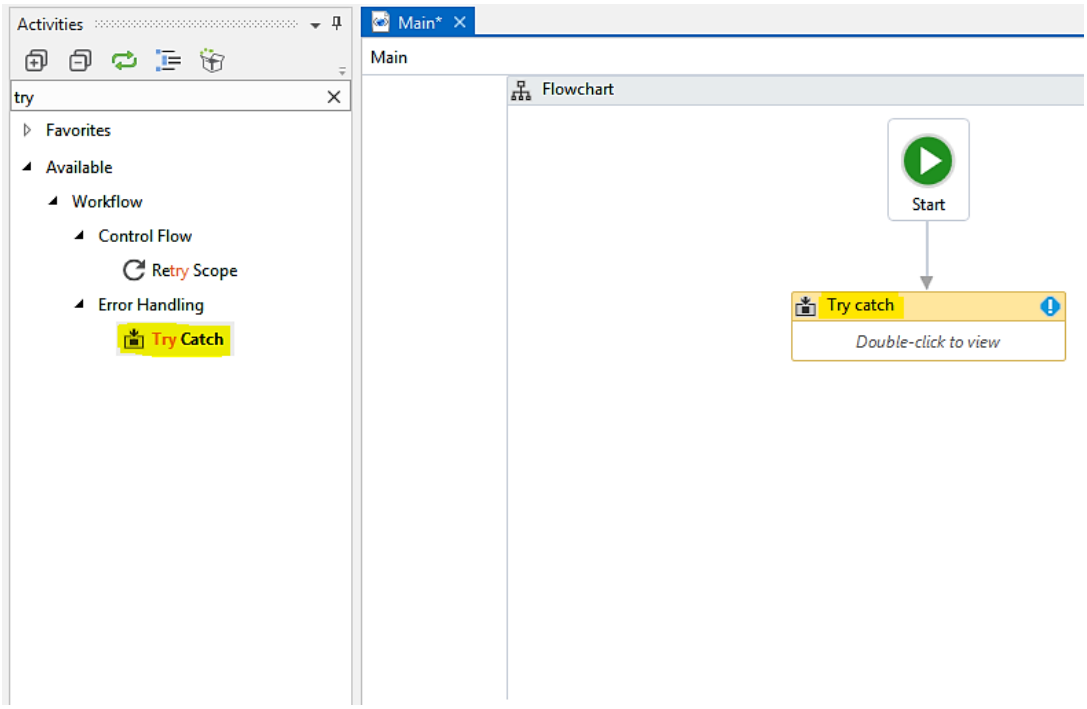

Monitor events
Drop trigger activity here
Event handler
Drop activity here

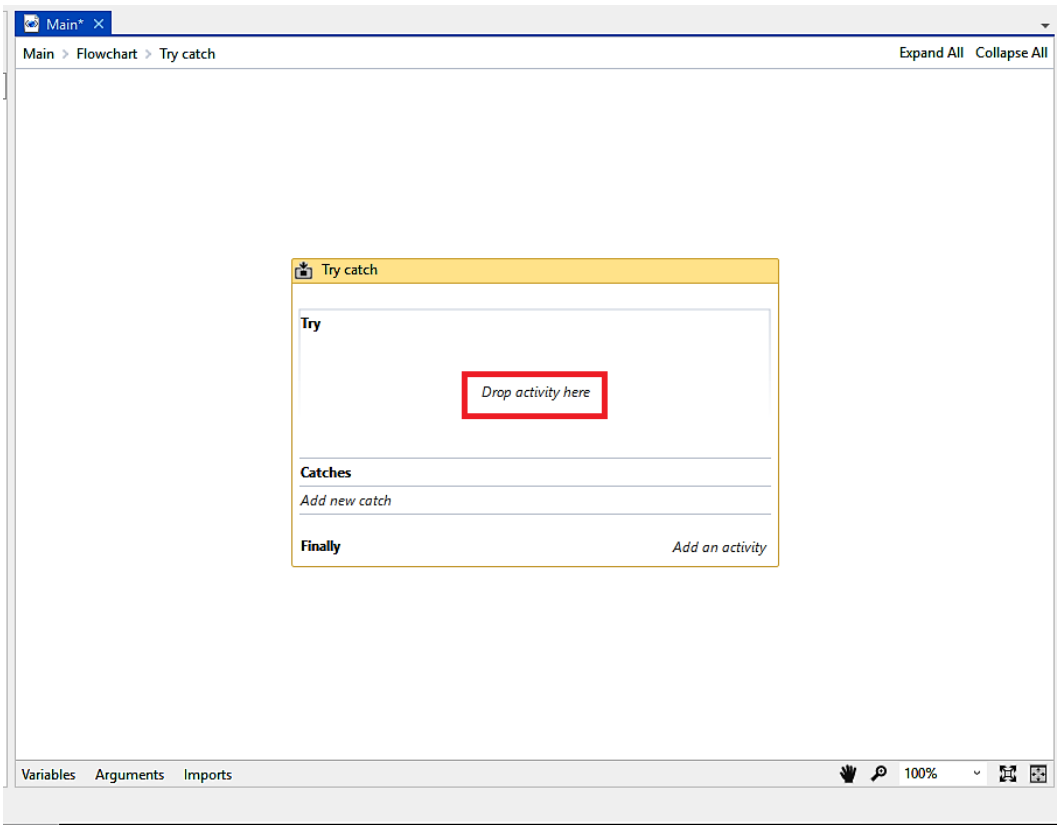

Monitor events
Hotkey trigger
Alt
Ctrl
Shift
Win
Key
w
Event handler
Drop activity here

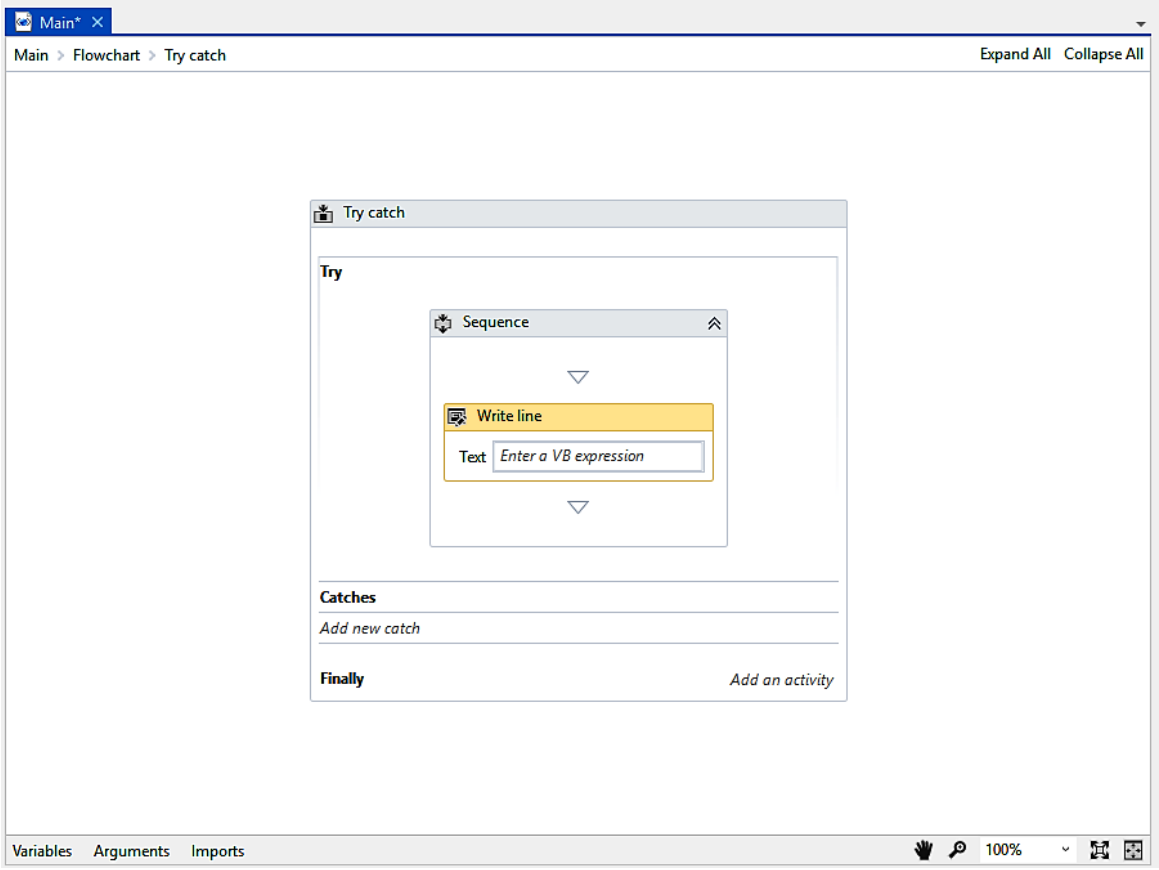

Main
Main > Flowchart > Recording Sequence
Expand All Collapse All
Recording Sequence
Attach Window ' Shell_tra'
Do
Click 'push button Notepad'
Variables Arguments Imports
100%

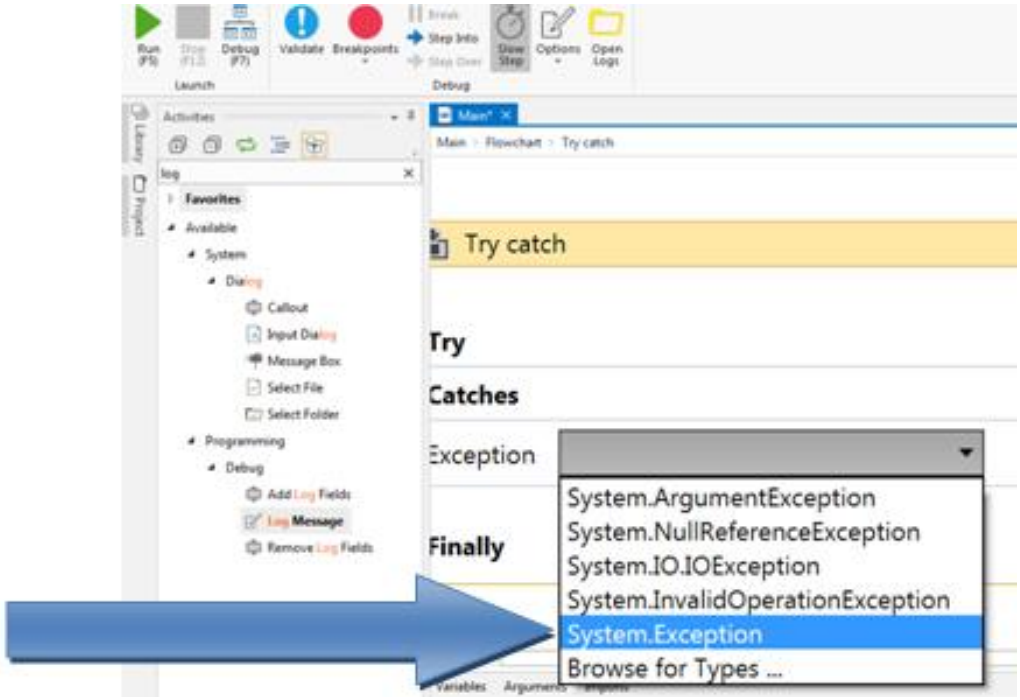

Type into 'editable text'
"hey look its done"
AnchorBase
Anchor Find Element 'push button Maximize'
Action Click 'push button Close'

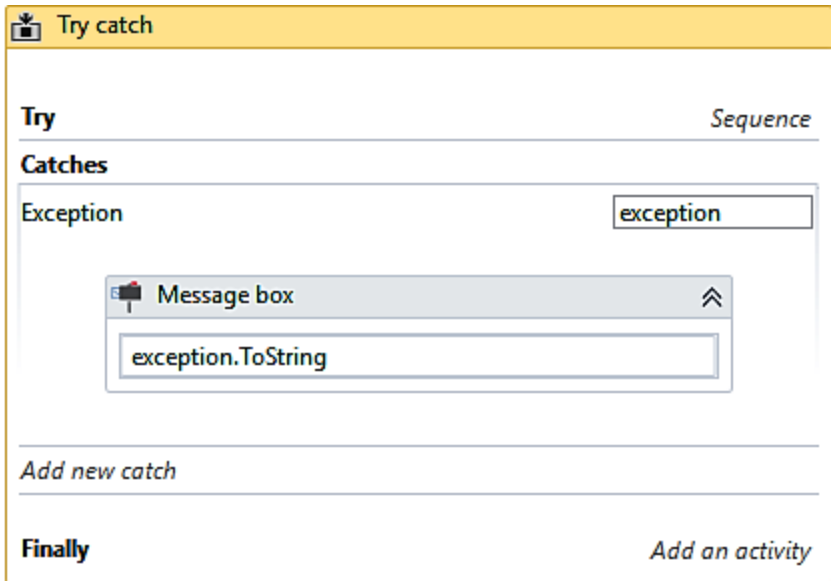
Chapter 8: Exception Handling, Debugging, and Logging

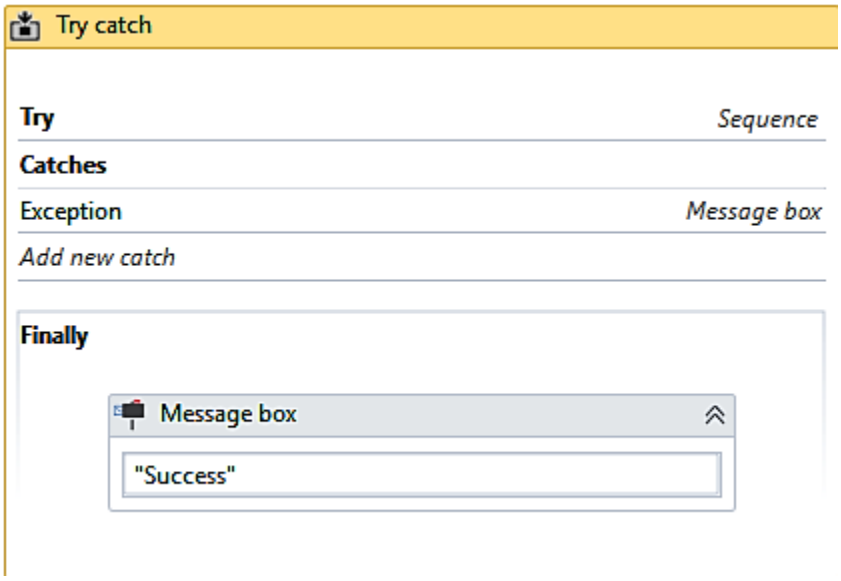


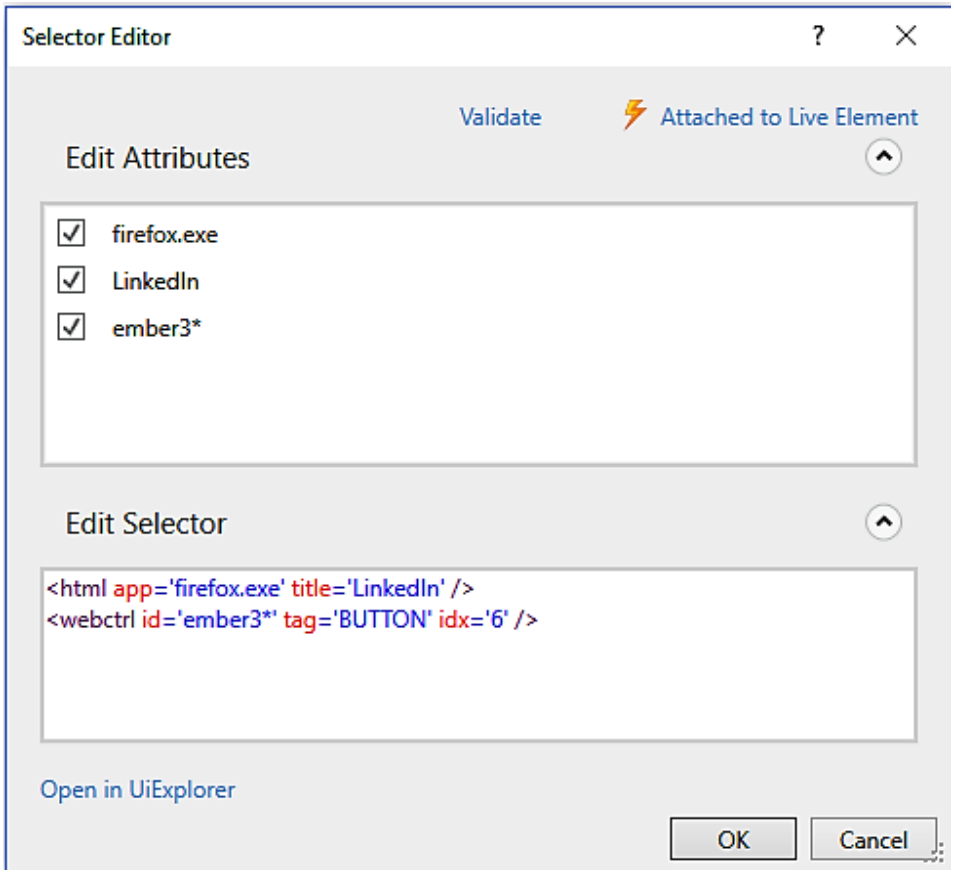

Main*
Main > Flowchart > Try catch
Expand All
Collapse All
Try catch
Try
Drop activity here
Catches
Add new catch
Finally
Add an activity
Variables
Arguments
Imports
100%

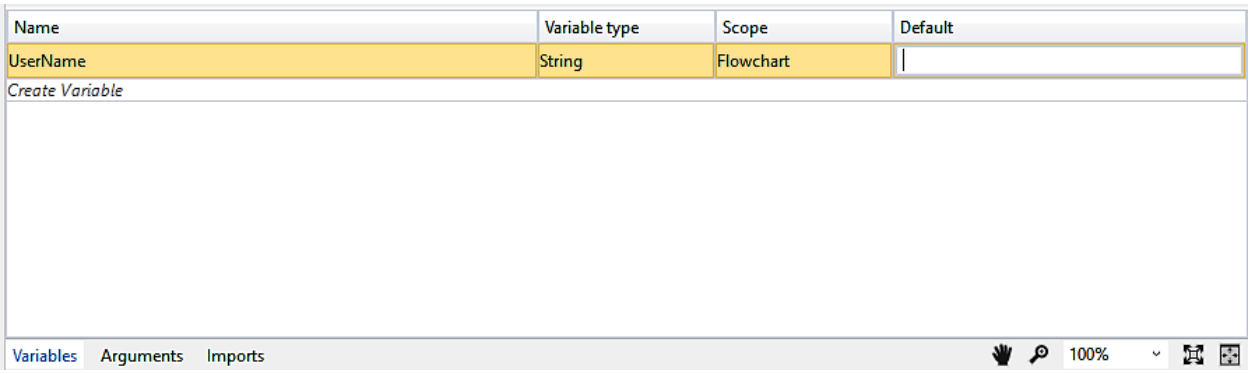

Main*
Main
Flowchart
Try catch
Expand All
Collapse All
Try catch
Try
Sequence
Write line
Text
Enter a VB expression
Catches
Add new catch
Finally
Add an activity
Variables
Arguments
Imports
100%

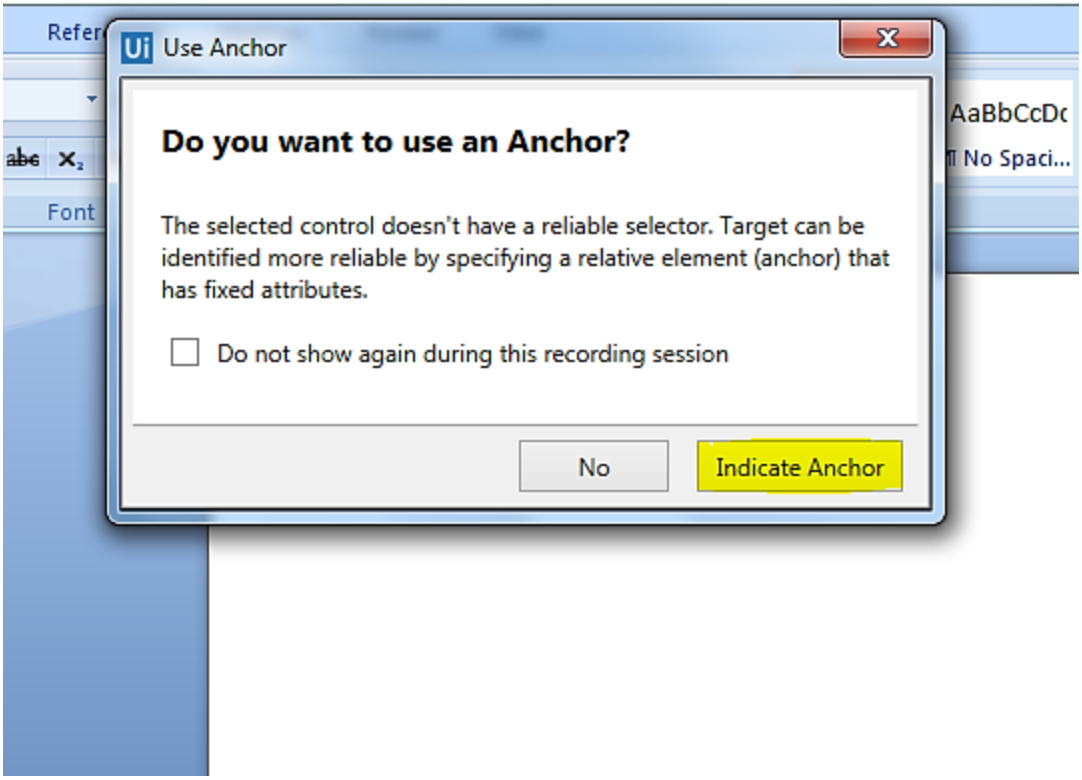

Try catch
Try
Catches
Exception
Finally
System.ArgumentException
System.NullReferenceException
System.IO.IOException
System.InvalidOperationException
System.Exception
Browse for Types ...

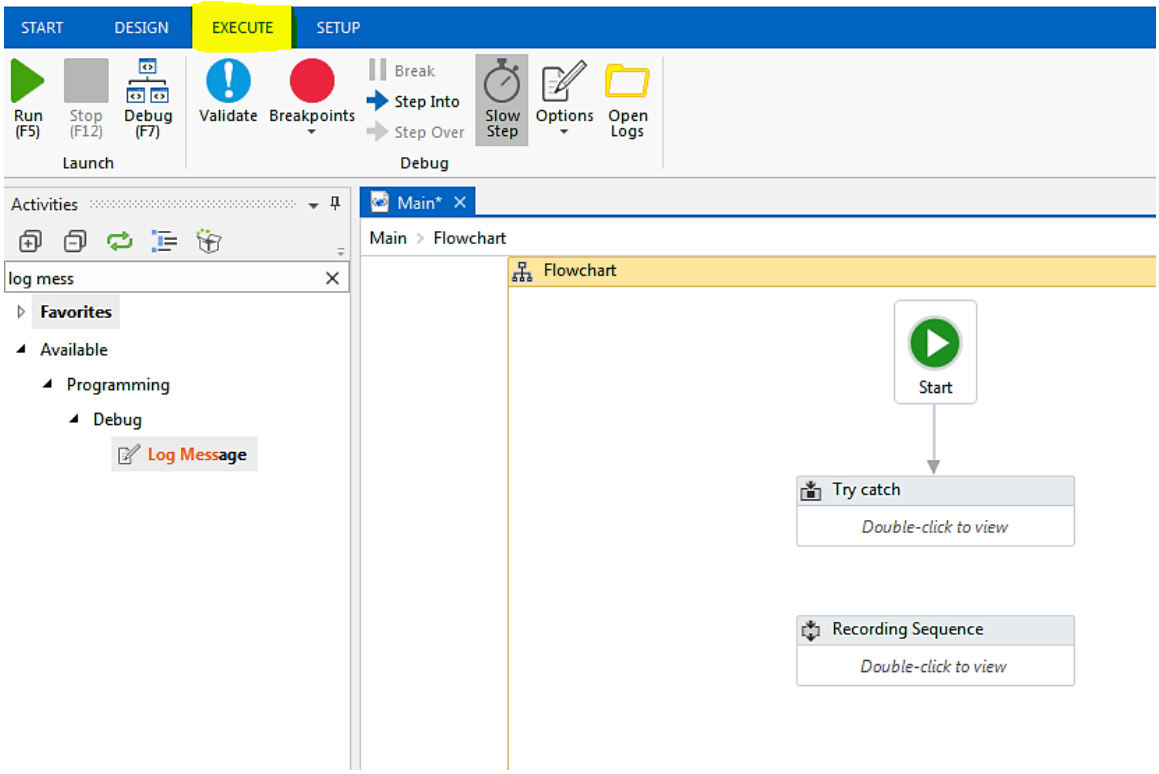

Try catch
Try
Sequence
Catches
Exception
exception
Message box
exception.ToString
Add new catch
Finally
Add an activity

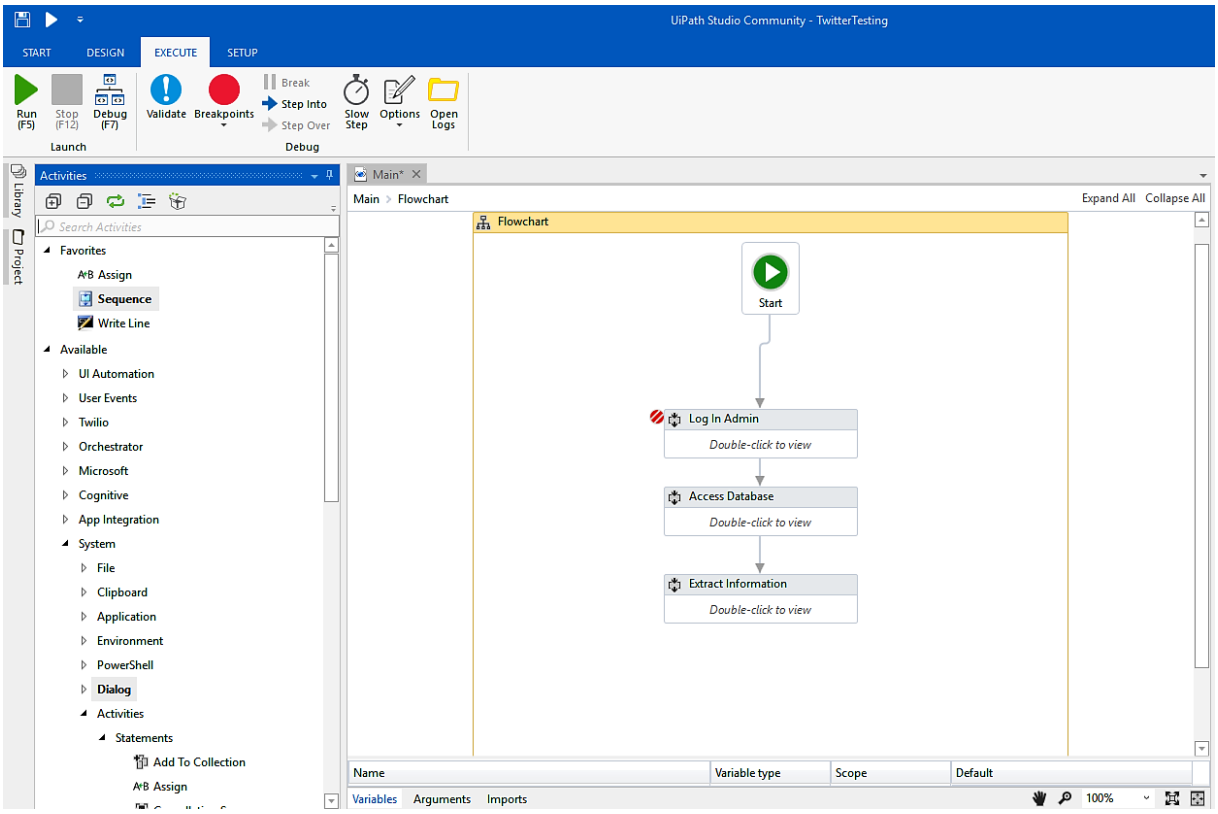

Try catch
Try
Sequence
Catches
Exception
Message box
Add new catch
Finally
Message box
"Success"

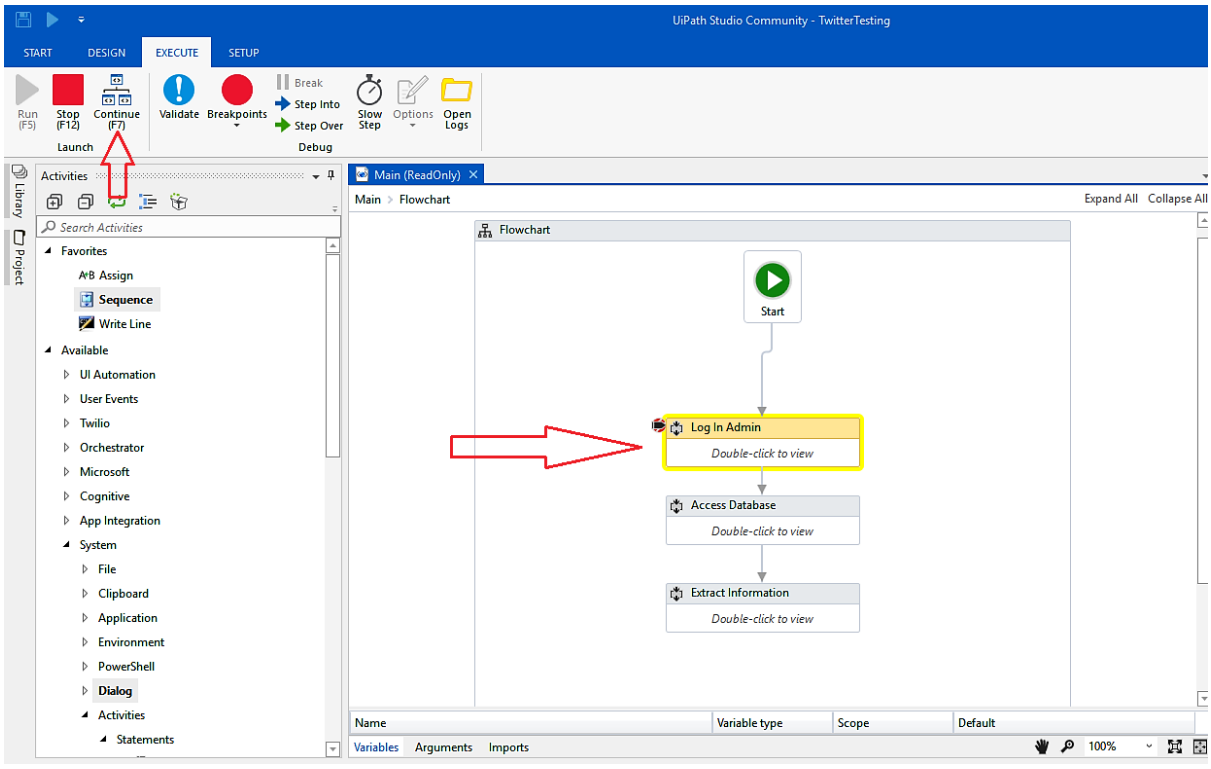

Selector Editor
Validate
Attached to Live Element
Edit Attributes
firefox.exe
LinkedIn
ember3*
Edit Selector
<html app='firefox.exe' title='LinkedIn' />
<webctrl id='ember3*' tag='BUTTON' idx='6' />
Open in UiExplorer
OK
Cancel

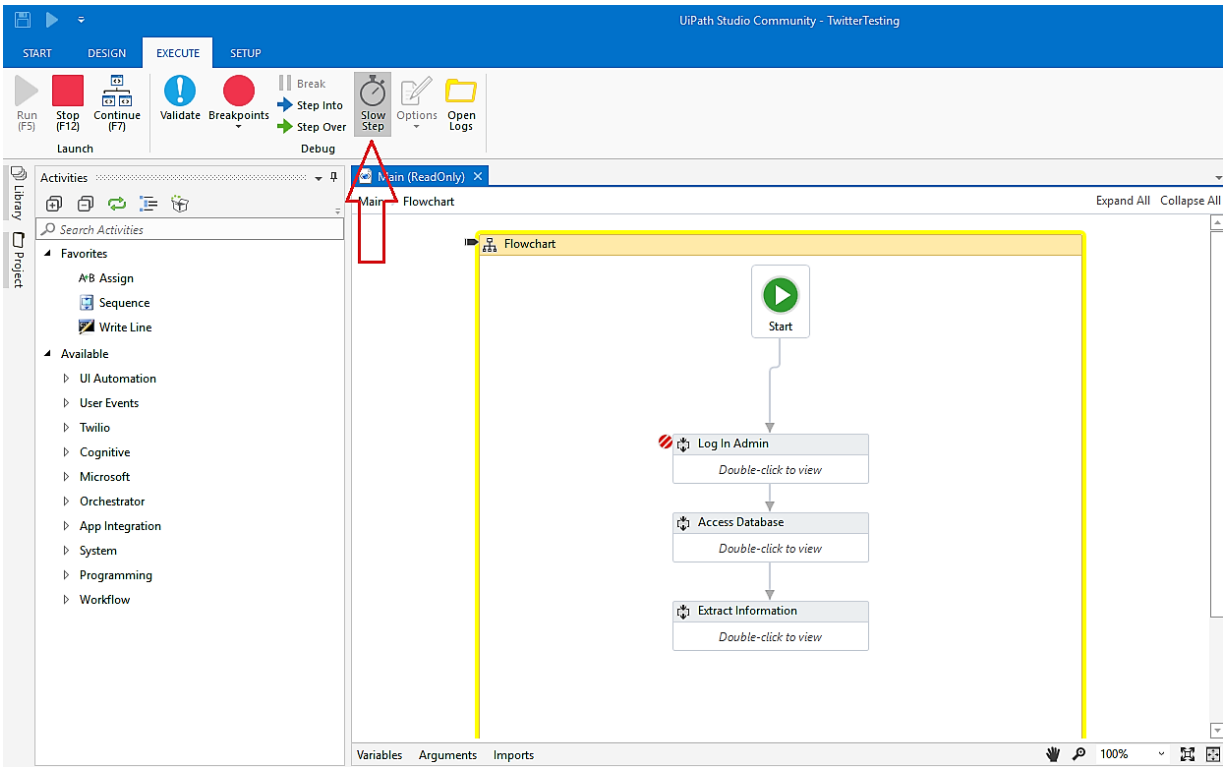

Name
Variable type
Scope
Default
UserName
String
Flowchart
Create Variable
Variables
Arguments
Imports
100%

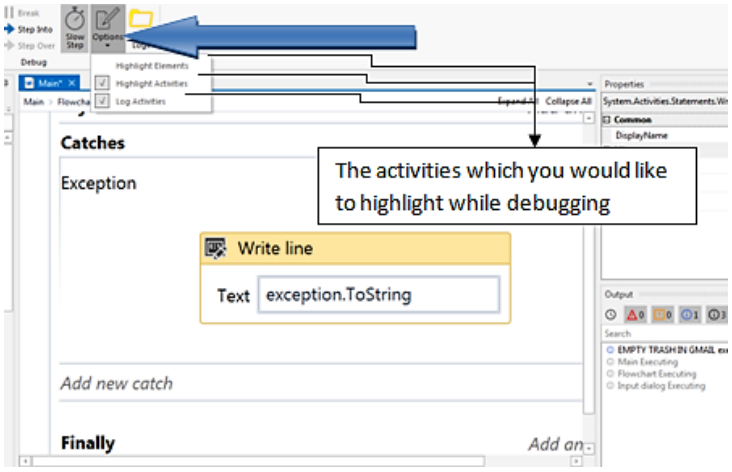

Use Anchor
Do you want to use an Anchor?
The selected control doesn't have a reliable selector. Target can be identified more reliable by specifying a relative element (anchor) that has fixed attributes.
Do not show again during this recording session
No
Indicate Anchor
Font
AaBbCcDc
No Spaci...

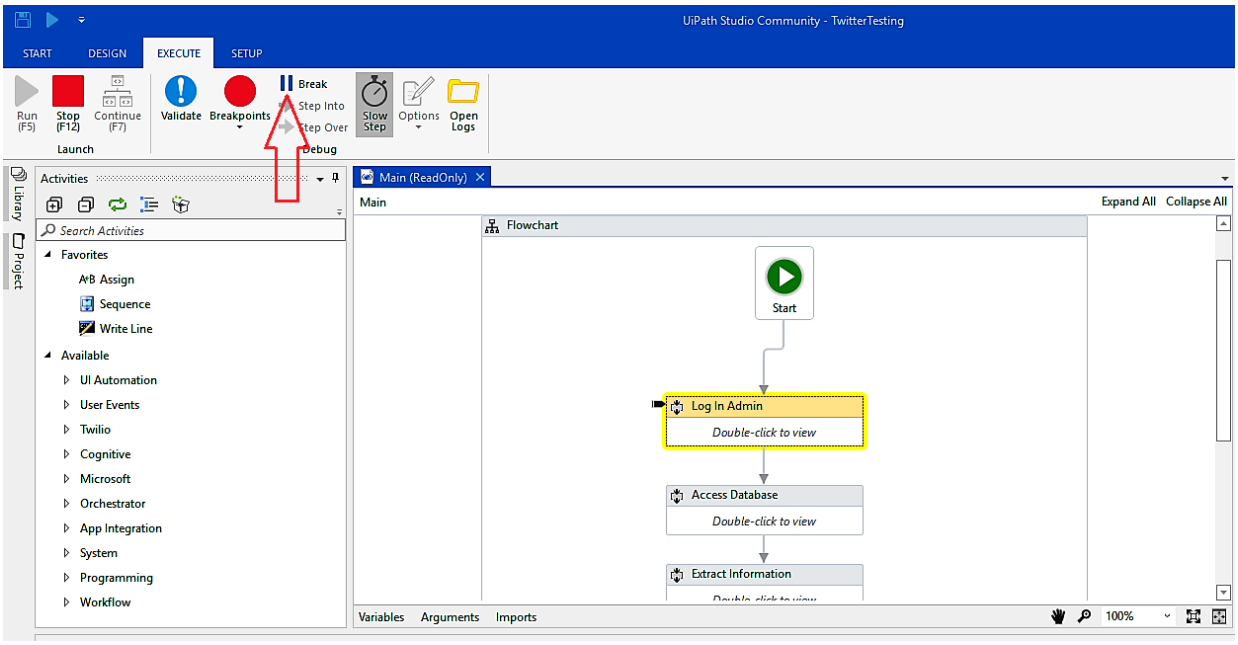

START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Debug (F7)
Launch
Validate
Breakpoints
Break
Step Into
Step Over
Slow Step
Options
Open Logs
Debug
Activities
log mess
Favorites
Available
Programming
Debug
Log Message
Main*
Main
Flowchart
Flowchart
Start
Try catch
Double-click to view
Recording Sequence
Double-click to view

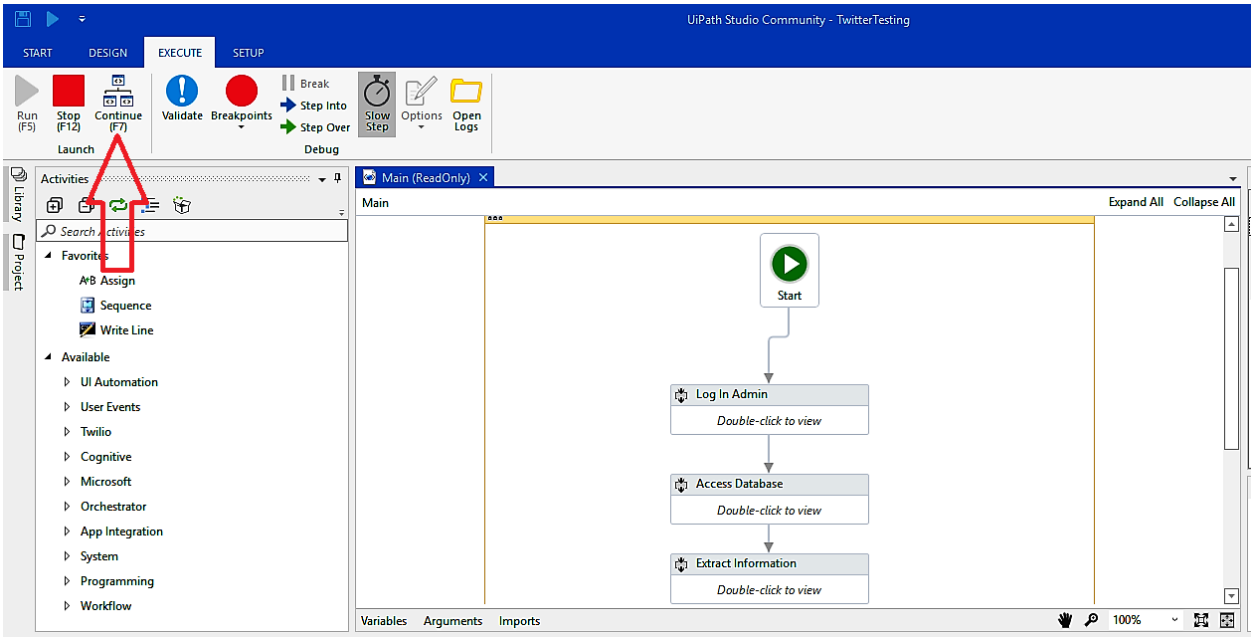

UiPath Studio Community - TwitterTesting
START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Debug (F7)
Validate
Breakpoints
Break
Step Into
Step Over
Slow Step
Options
Open Logs
Launch
Debug
Activities
Search Activities
Favorites
Assign
Sequence
Write Line
Available
UI Automation
User Events
Twilio
Orchestrator
Microsoft
Cognitive
App Integration
System
File
Clipboard
Application
Environment
PowerShell
Dialog
Activities
Statements
Add To Collection
Assign
Main*
Main
Flowchart
Expand All
Collapse All
Start
Log In Admin
Double-click to view
Access Database
Double-click to view
Extract Information
Double-click to view
Name
Variable type
Scope
Default
Variables
Arguments
Imports
100%

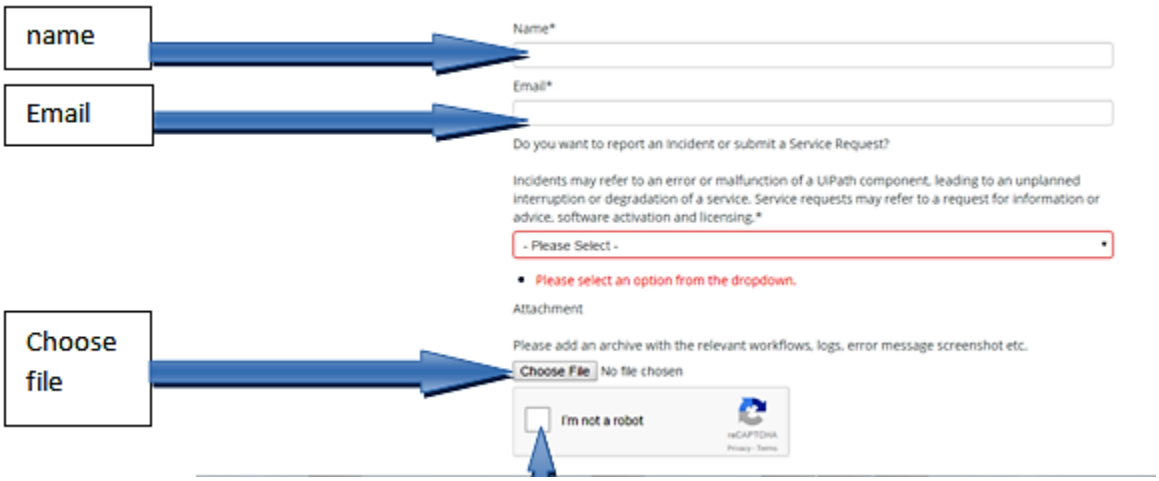

UiPath Studio Community - TwitterTesting
START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Continue (F7)
Validate
Breakpoints
Break
Step Into
Step Over
Slow Step
Options
Open Logs
Launch
Debug
Activities
Search Activities
Favorites
Assign
Sequence
Write Line
Available
UI Automation
User Events
Twilio
Orchestrator
Microsoft
Cognitive
App Integration
System
File
Clipboard
Application
Environment
PowerShell
Dialog
Activities
Statements
Main (ReadOnly)
Main
Flowchart
Expand All
Collapse All
Start
Log In Admin
Double-click to view
Access Database
Double-click to view
Extract Information
Double-click to view
Name
Variable type
Scope
Default
Variables
Arguments
Imports
100%

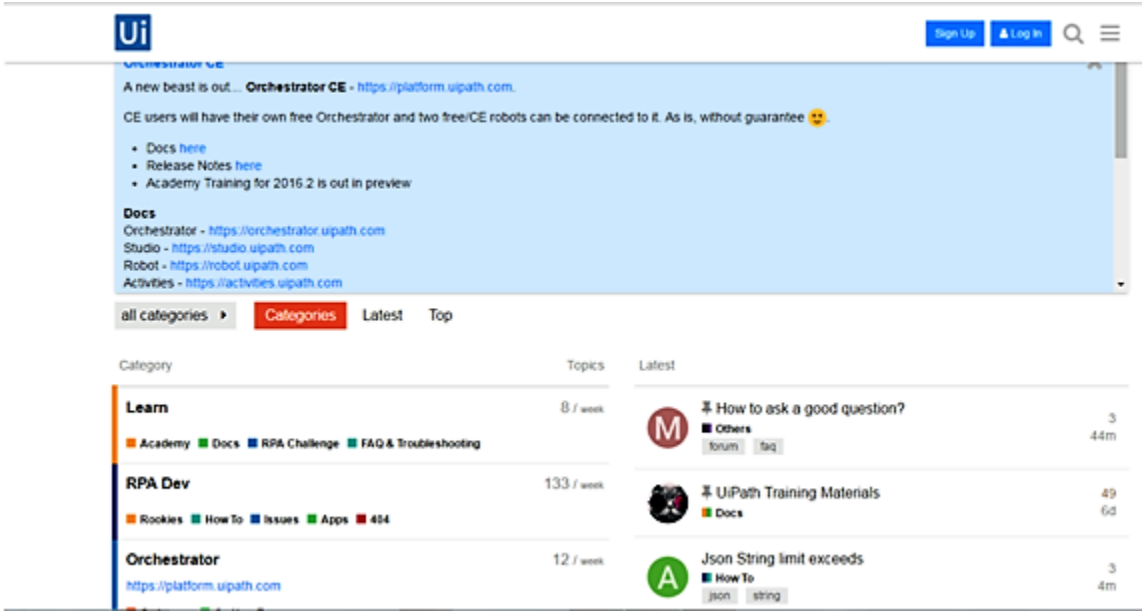

UiPath Studio Community - TwitterTesting
START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Continue (F7)
Validate
Breakpoints
Break
Step Into
Step Over
Slow Step
Options
Open Logs
Launch
Debug
Activities
Search Activities
Favorites
Assign
Sequence
Write Line
Available
UI Automation
User Events
Twilio
Cognitive
Microsoft
Orchestrator
App Integration
System
Programming
Workflow
Main (ReadOnly)
Main
Flowchart
Expand All
Collapse All
Flowchart
Start
Log In Admin
Double-click to view
Access Database
Double-click to view
Extract Information
Double-click to view
Variables
Arguments
Imports
100%


Catches
Exception
The activities which you would like to highlight while debugging
Write line
Text
exception.ToString
Add new catch
Finally

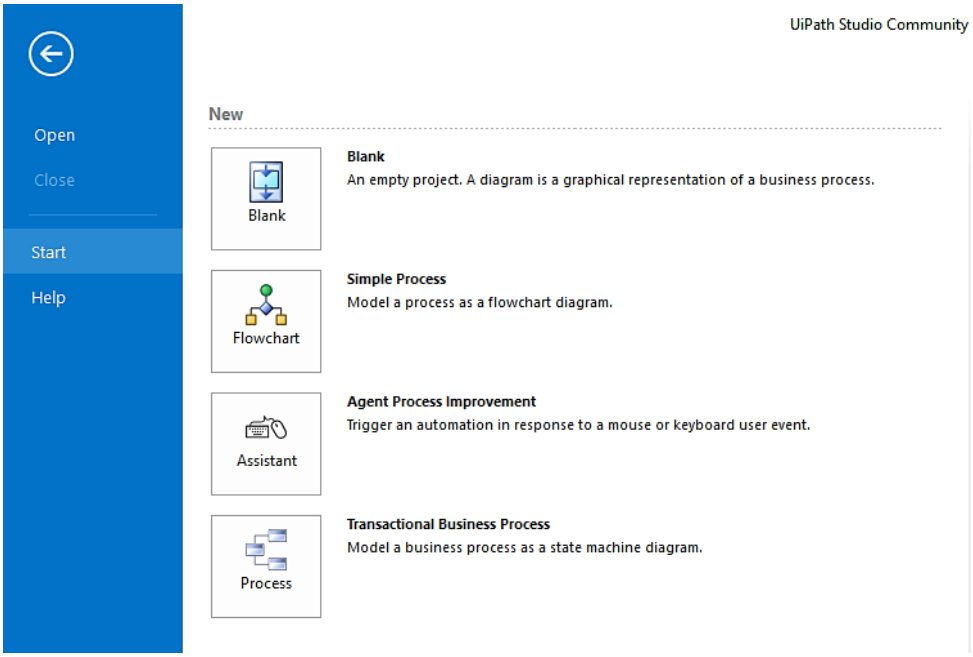

UiPath Studio Community - TwitterTesting
START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Continue (F7)
Launch
Validate
Breakpoints
Break
Step Into
Step Over
Debug
Slow Step
Options
Open Logs
Activities
Search Activities
Favorites
Assign
Sequence
Write Line
Available
UI Automation
User Events
Twilio
Cognitive
Microsoft
Orchestrator
App Integration
System
Programming
Workflow
Main (ReadOnly)
Main
Expand All
Collapse All
Flowchart
Start
Log In Admin
Double-click to view
Access Database
Double-click to view
Extract Information
Variables
Arguments
Imports
100%

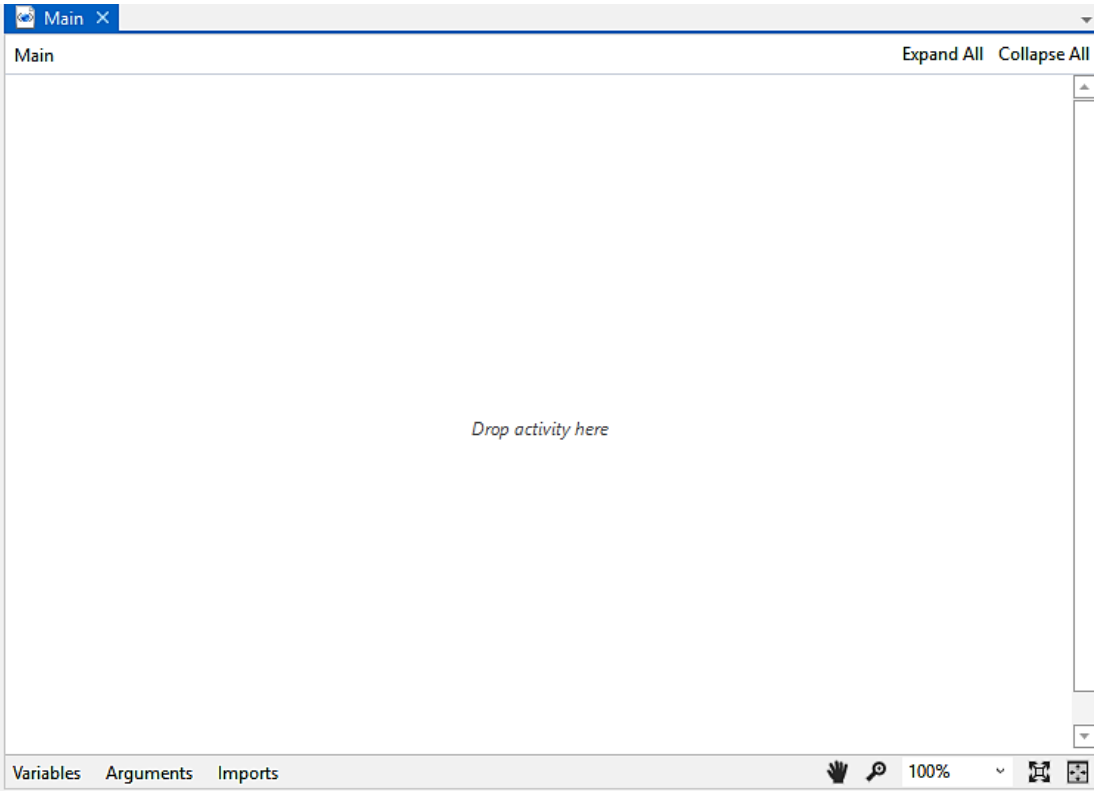

UiPath Studio Community - TwitterTesting
START
DESIGN
EXECUTE
SETUP
Run (F5)
Stop (F12)
Continue (F7)
Launch
Validate
Breakpoints
Break
Step Into
Step Over
Debug
Slow Step
Options
Open Logs
Activities
Favorites
Assign
Sequence
Write Line
Available
UI Automation
User Events
Twilio
Cognitive
Microsoft
Orchestrator
App Integration
System
Programming
Workflow
Main (ReadOnly)
Main
Expand All
Collapse All
Start
Log In Admin
Double-click to view
Access Database
Double-click to view
Extract Information
Double-click to view
Variables
Arguments
Imports
100%

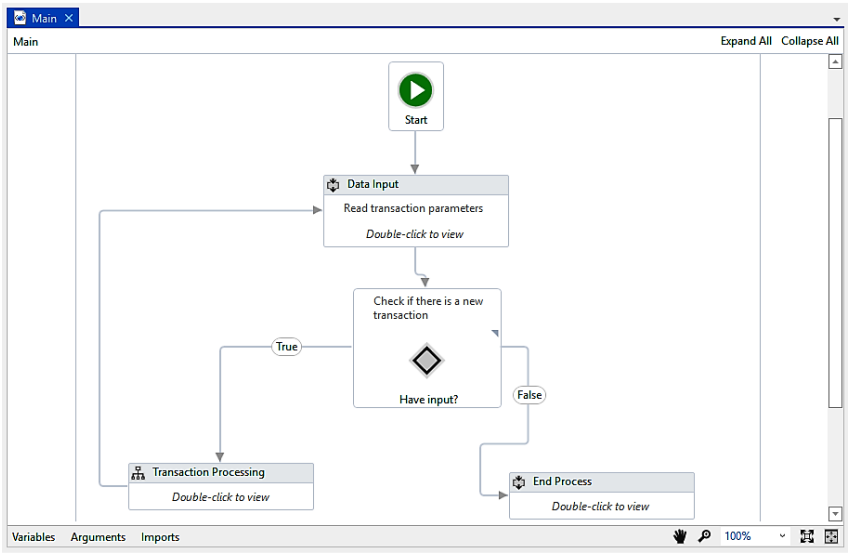

name
Email
Choose file
Name*
Email*
Do you want to report an incident or submit a Service Request?
Incidents may refer to an error or malfunction of a UiPath component, leading to an unplanned interruption or degradation of a service. Service requests may refer to a request for information or advice, software activation and licensing.*
- Please Select -
Please select an option from the dropdown.
Attachment
Please add an archive with the relevant workflows, logs, error message screenshot etc.
Choose File
No file chosen
I'm not a robot
reCAPTCHA

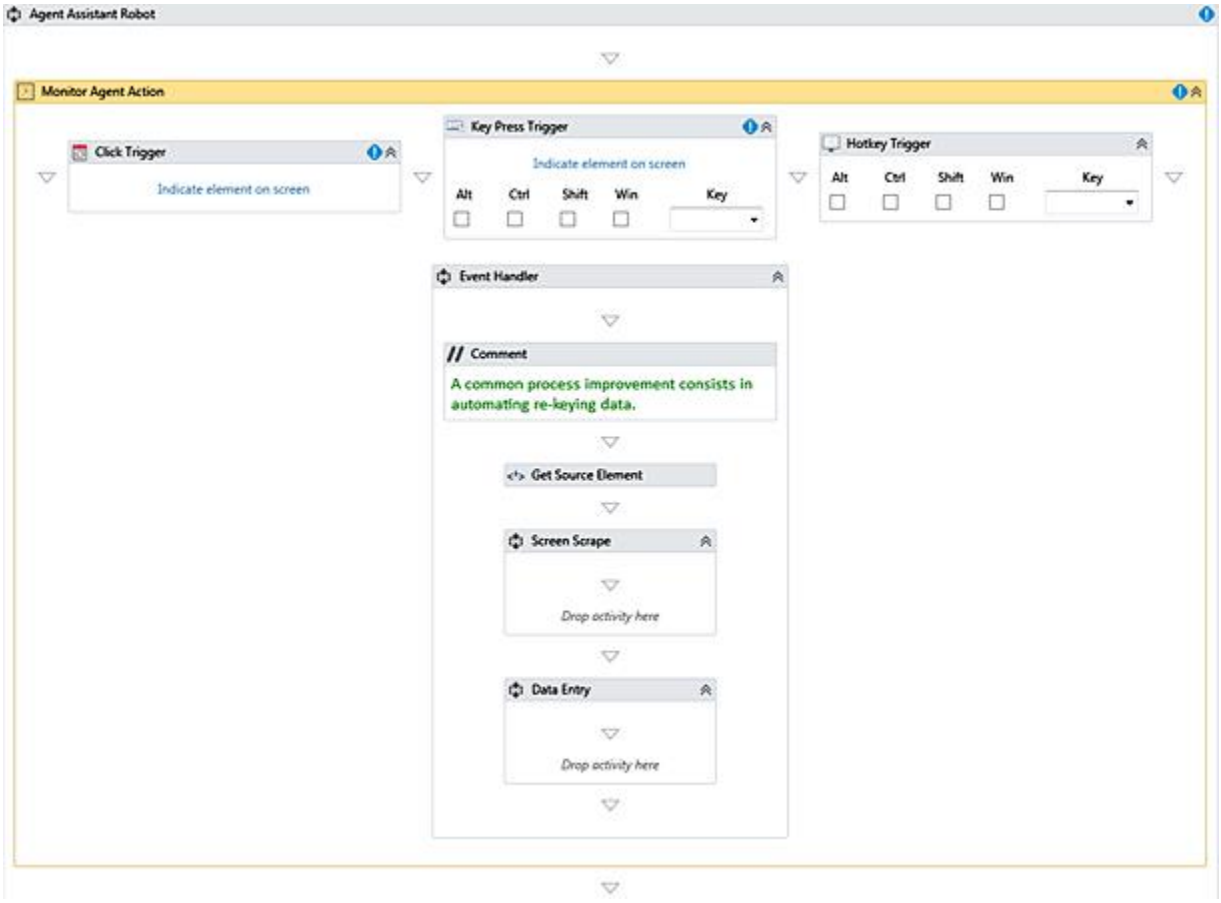

Sign Up
Log In
A new beast is out... Orchestrator CE - https://platform.uipath.com.
CE users will have their own free Orchestrator and two free/CE robots can be connected to it. As is, without guarantee
Docs here
Release Notes here
Academy Training for 2016.2 is out in preview
Docs
Orchestrator - https://orchestrator.uipath.com
Studio - https://studio.uipath.com
Robot - https://robot.uipath.com
Activities - https://activities.uipath.com
all categories
Categories
Latest
Top
Category
Topics
Latest
Learn
8 / week
Academy
Docs
RPA Challenge
FAQ & Troubleshooting
How to ask a good question?
Others
forum
faq
3
44m
RPA Dev
133 / week
Rookies
How To
Issues
Apps
484
UiPath Training Materials
Docs
49
6d
Orchestrator
12 / week
https://platform.uipath.com
Json String limit exceeds
How To
json
string
3
4m

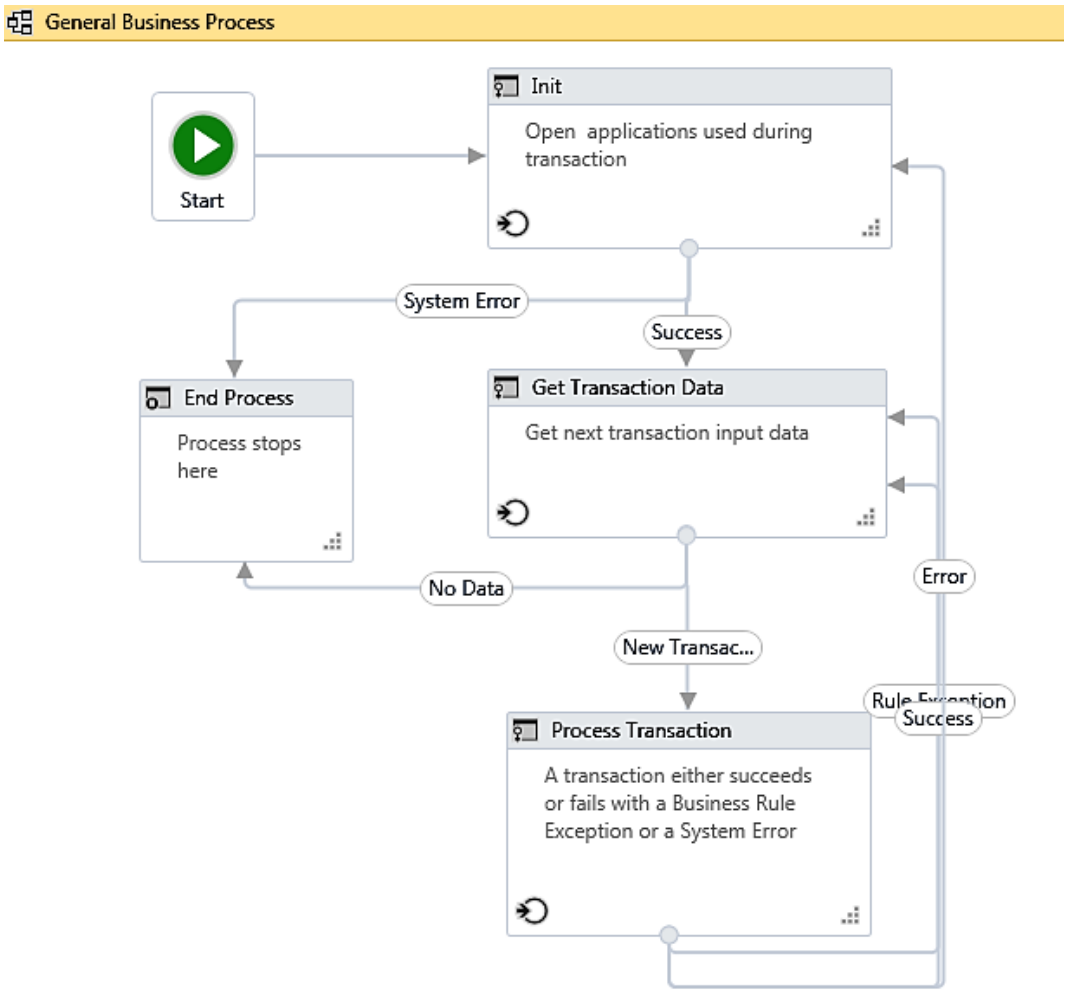
Chapter 9: Managing and Maintaining the Code

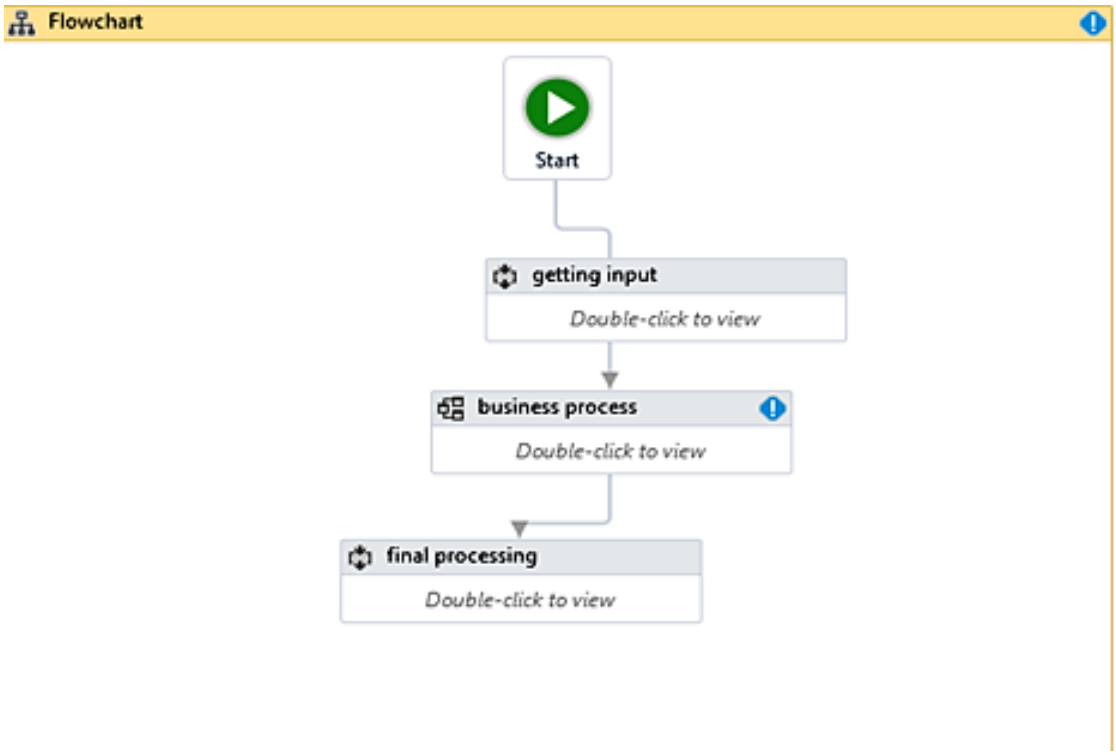


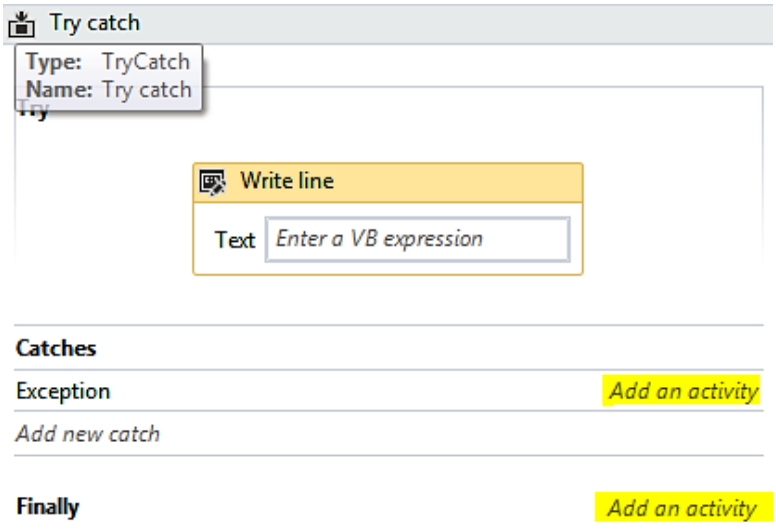


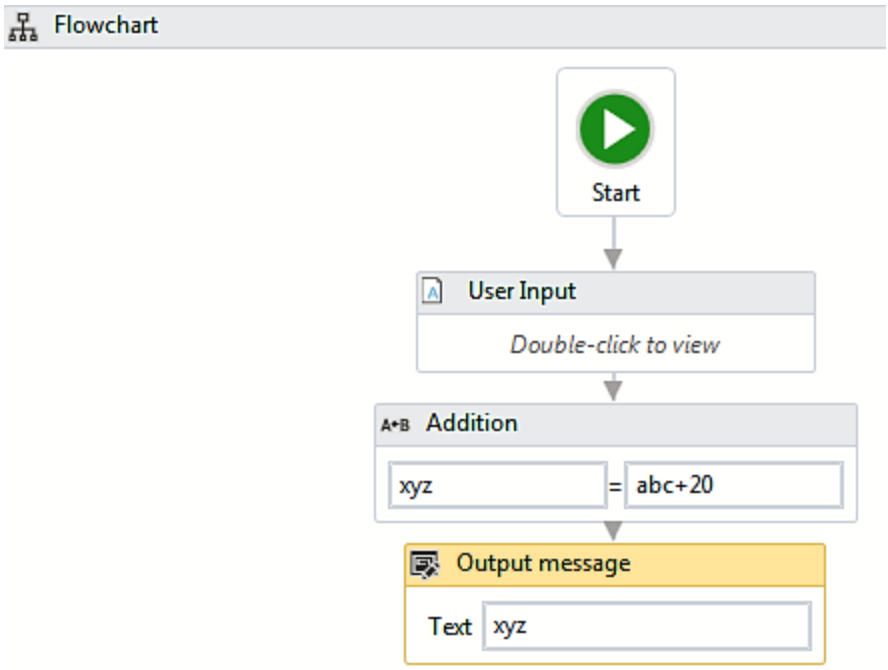

Main
Main
Expand All
Collapse All
Start
Data Input
Read transaction parameters
Double-click to view
Check if there is a new transaction
Have input?
True
False
Transaction Processing
Double-click to view
End Process
Double-click to view
Variables
Arguments
Imports
100%

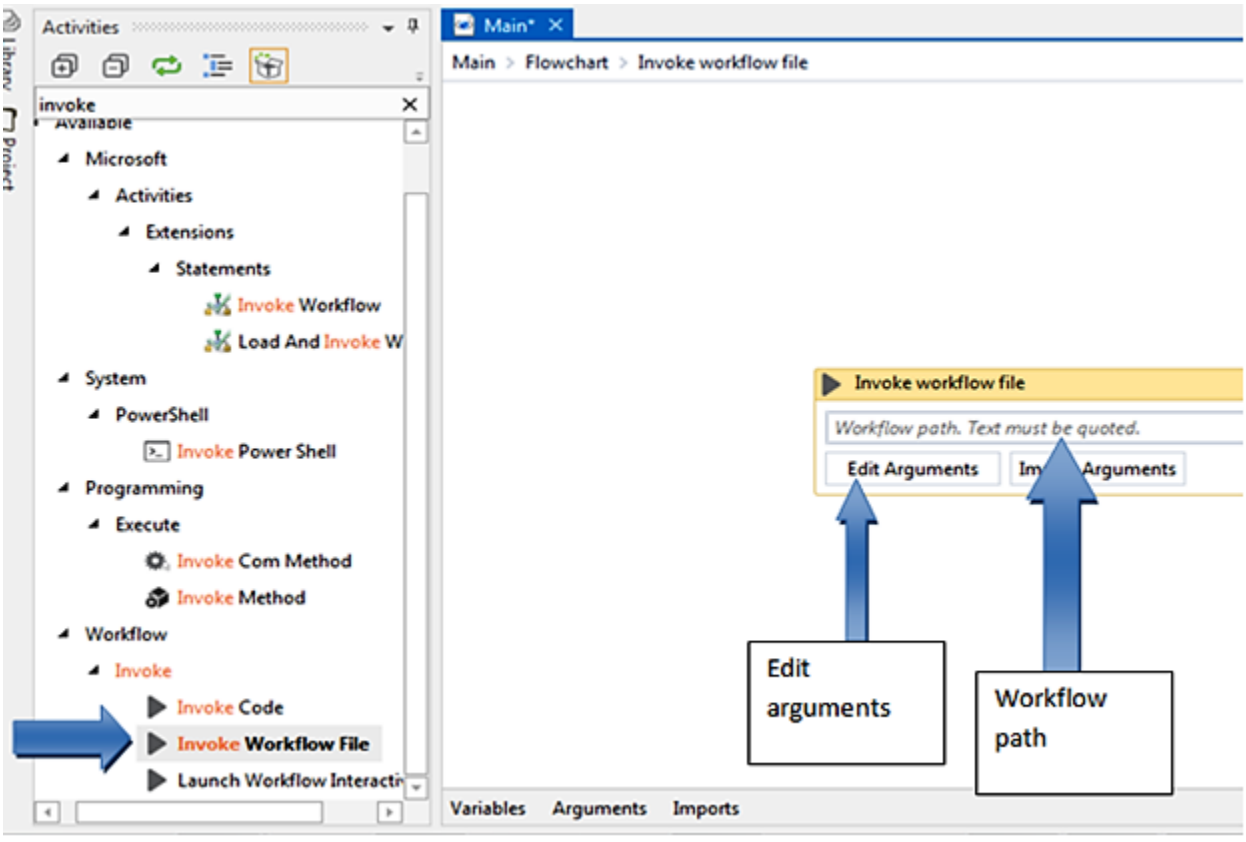

Agent Assistant Robot
Monitor Agent Action
Click Trigger
Indicate element on screen
Key Press Trigger
Indicate element on screen
Alt
Ctrl
Shift
Win
Key
Hotkey Trigger
Alt
Ctrl
Shift
Win
Key
Event Handler
Comment
A common process improvement consists in automating re-keying data.
Get Source Element
Screen Scrape
Drop activity here
Data Entry
Drop activity here

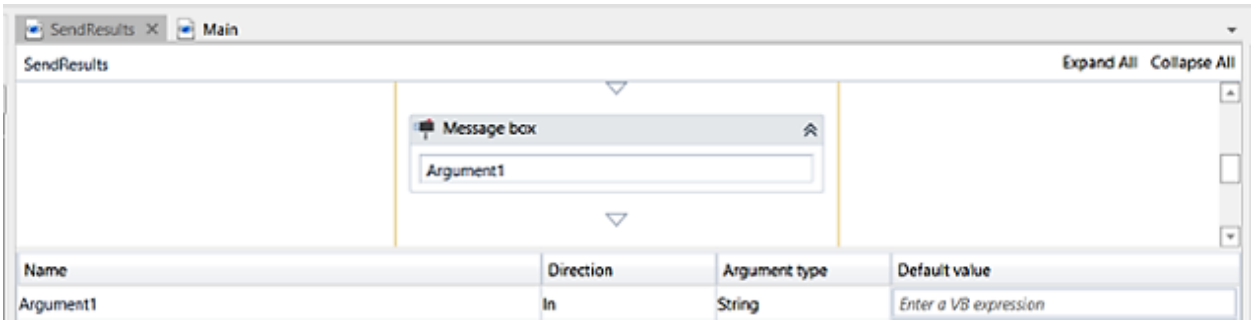

General Business Process
Start
Init
Open applications used during transaction
System Error
Success
End Process
Process stops here
Get Transaction Data
Get next transaction input data
No Data
Error
New Transac...
Rule Exception
Success
Process Transaction
A transaction either succeeds or fails with a Business Rule Exception or a System Error

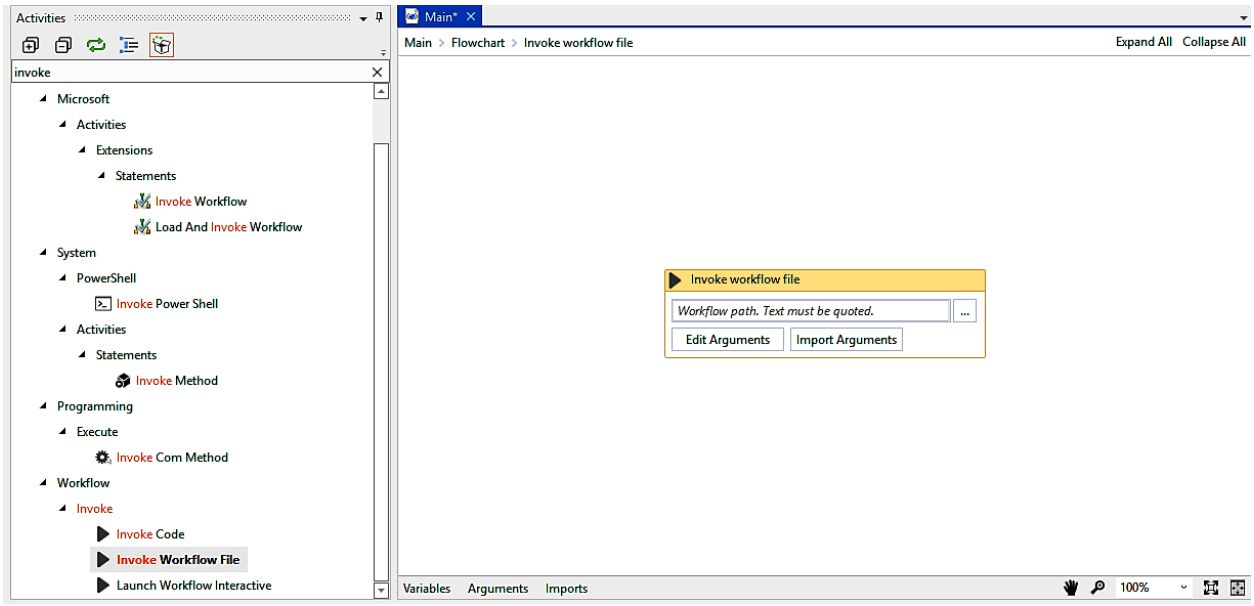

Flowchart
Start
getting input
Double-click to view
business process
Double-click to view
final processing
Double-click to view

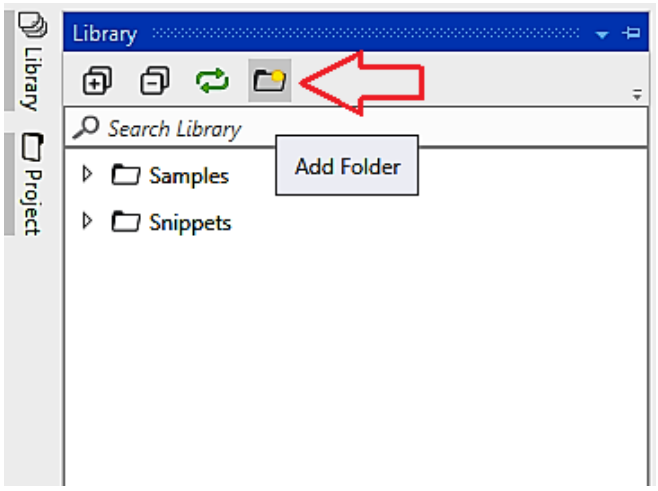

Try catch
Type: TryCatch
Name: Try catch
Try
Write line
Text
Enter a VB expression
Catches
Exception
Add an activity
Add new catch
Finally
Add an activity

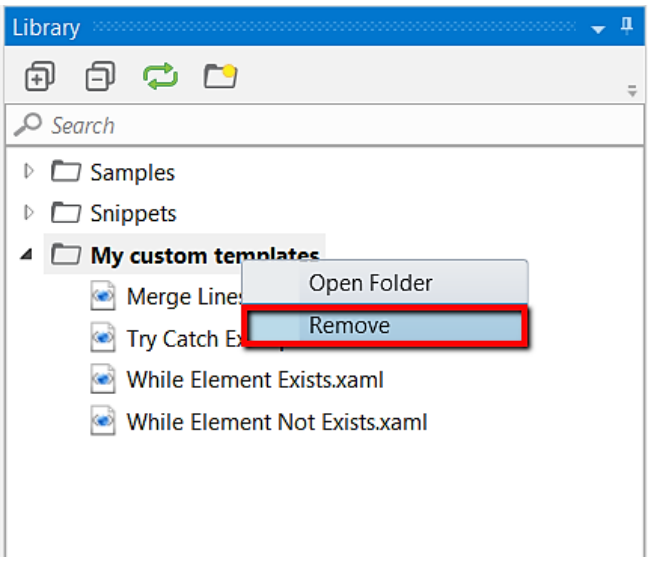

Flowchart
Start
User Input
Double-click to view
A+B Addition
xyz
=
abc+20
Output message
Text
xyz

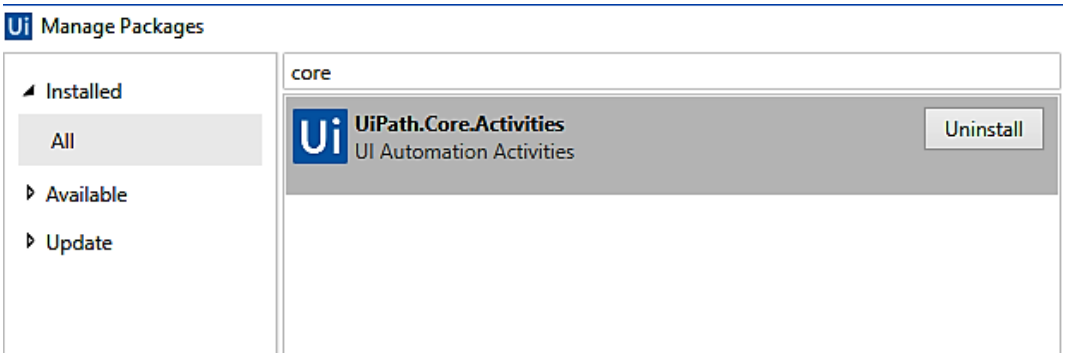

Activities
invoke
Microsoft
Activities
Extensions
Statements
Invoke Workflow
Load And Invoke W
System
PowerShell
Invoke Power Shell
Programming
Execute
Invoke Com Method
Invoke Method
Workflow
Invoke
Invoke Code
Invoke Workflow File
Launch Workflow Interacti
Main*
Main > Flowchart > Invoke workflow file
Invoke workflow file
Workflow path. Text must be quoted.
Edit Arguments
Arguments
Edit arguments
Workflow path
Variables
Arguments
Imports

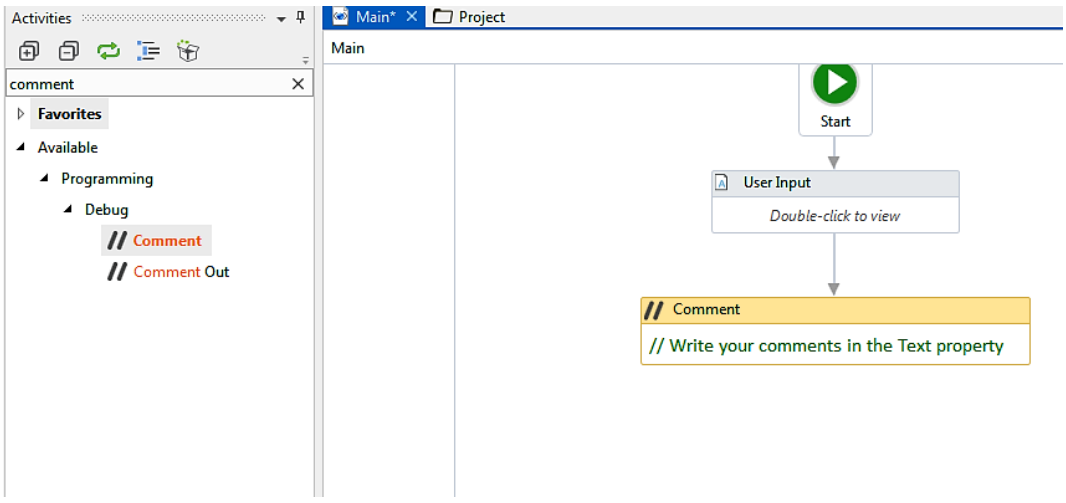

SendResults
Main
SendResults
Expand All
Collapse All
Message box
Argument1
Name
Direction
Argument type
Default value
Argument1
In
String
Enter a VB expression

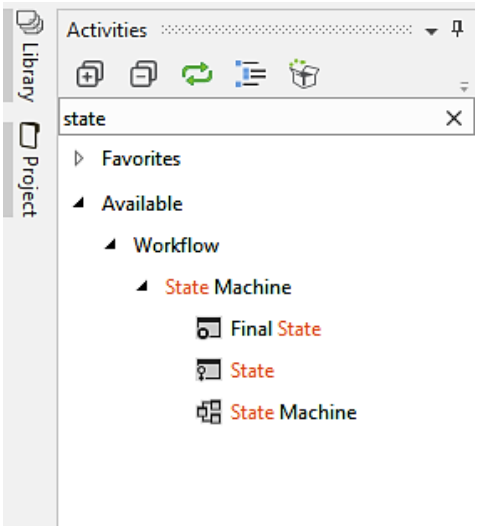

Activities
invoke
Microsoft
Activities
Extensions
Statements
Invoke Workflow
Load And Invoke Workflow
System
PowerShell
Invoke Power Shell
Activities
Statements
Invoke Method
Programming
Execute
Invoke Com Method
Workflow
Invoke
Invoke Code
Invoke Workflow File
Launch Workflow Interactive
Main*
Main > Flowchart > Invoke workflow file
Expand All
Collapse All
Invoke workflow file
Workflow path. Text must be quoted.
Edit Arguments
Import Arguments
Variables
Arguments
Imports
100%

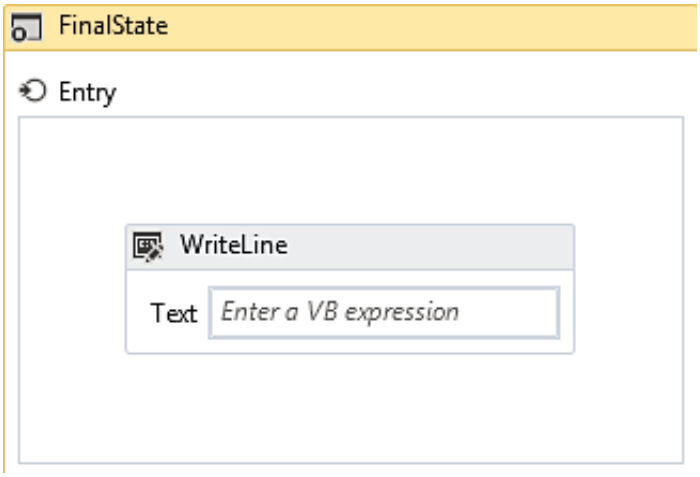

Library
Project
Library
Search Library
Add Folder
Samples
Snippets

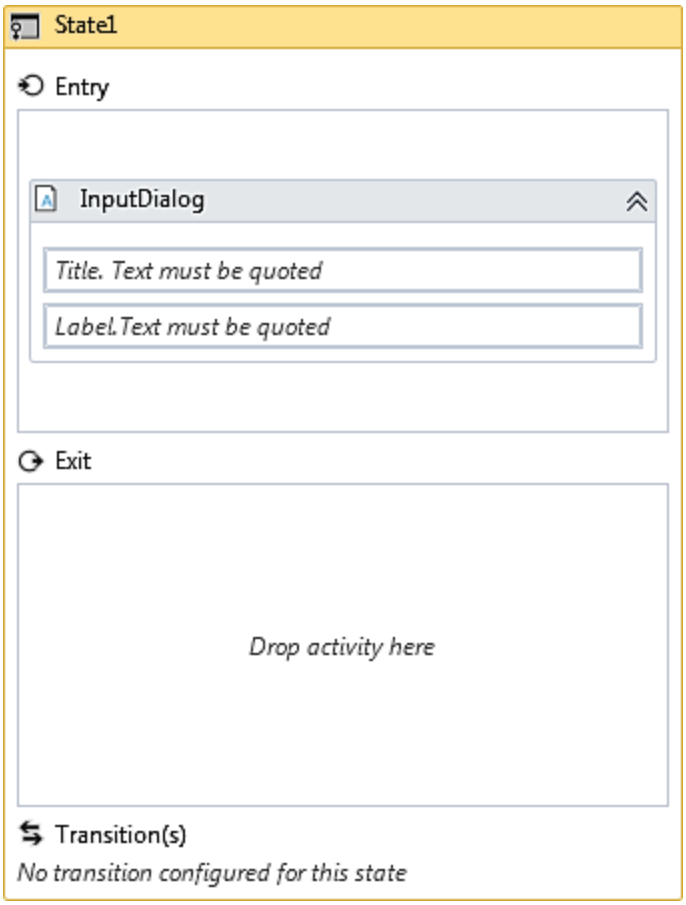

Library
Search
Samples
Snippets
My custom templates
Open Folder
Remove
Merge Lines
Try Catch Ex
While Element Exists.xaml
While Element Not Exists.xaml

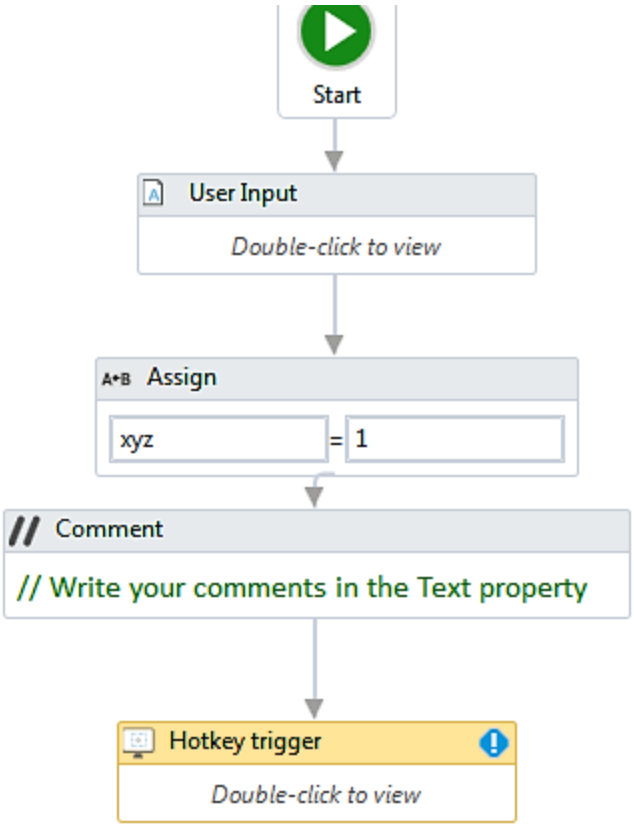

Manage Packages
Installed
All
Available
Update
core
UiPath.Core.Activities
UI Automation Activities
Uninstall

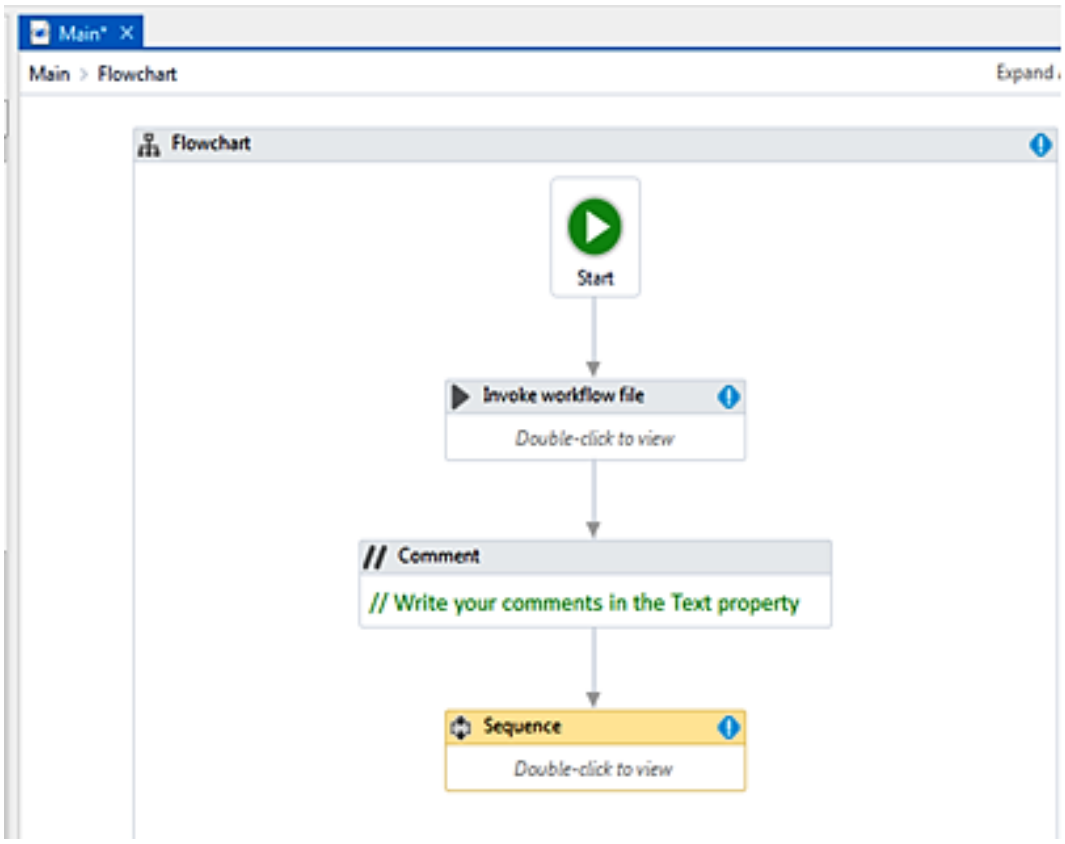

Activities
comment
Favorites
Available
Programming
Debug
Comment
Comment Out
Main*
Project
Main
Start
User Input
Double-click to view
Comment
// Write your comments in the Text property

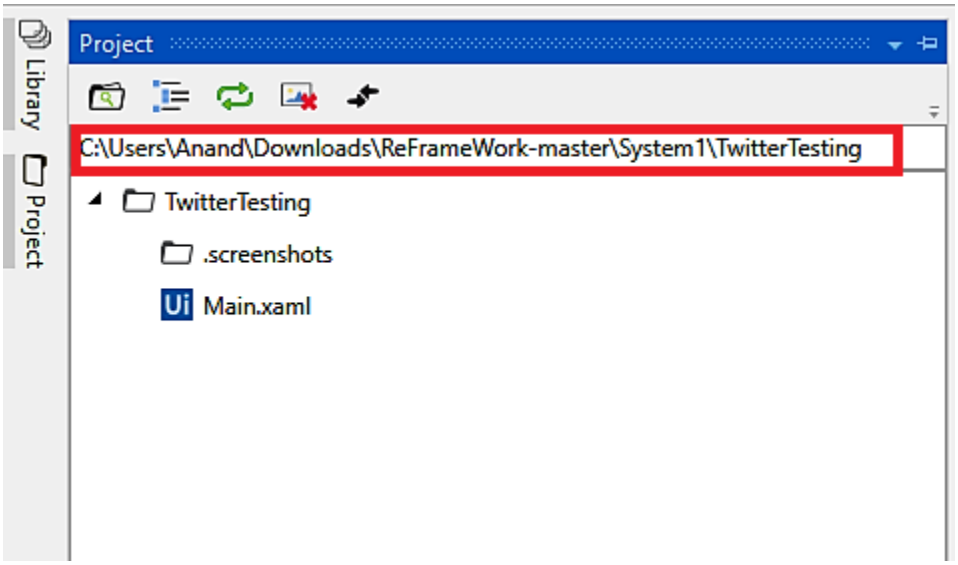

Library
Project
Activities
state
Favorites
Available
Workflow
State Machine
Final State
State
State Machine

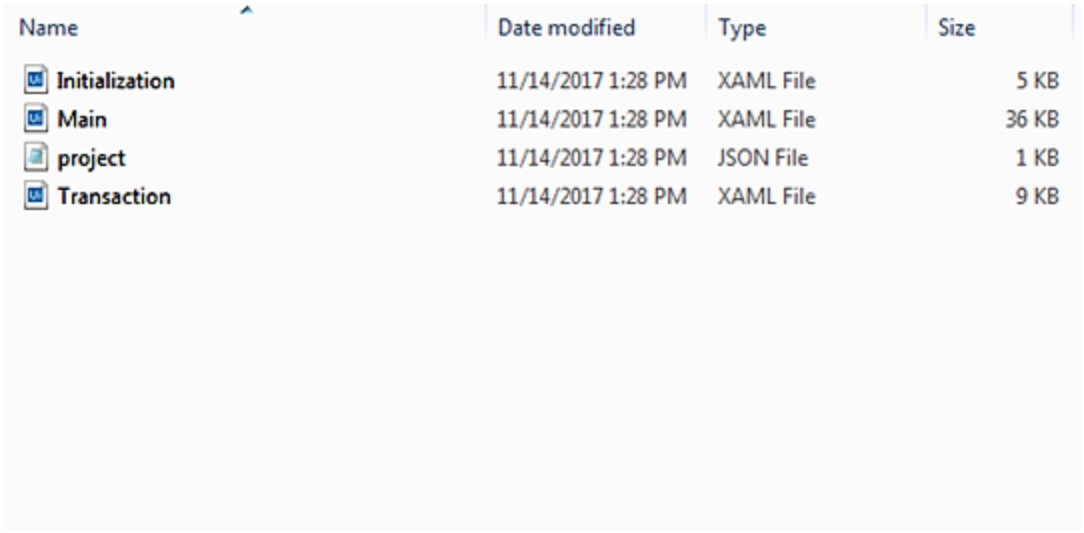

FinalState
Entry
WriteLine
Text
Enter a VB expression


State1
Entry
InputDialog
Title. Text must be quoted
Label.Text must be quoted
Exit
Drop activity here
Transition(s)
No transition configured for this state


Start
User Input
Double-click to view
Assign
xyz
=
1
Comment
// Write your comments in the Text property
Hotkey trigger
Double-click to view

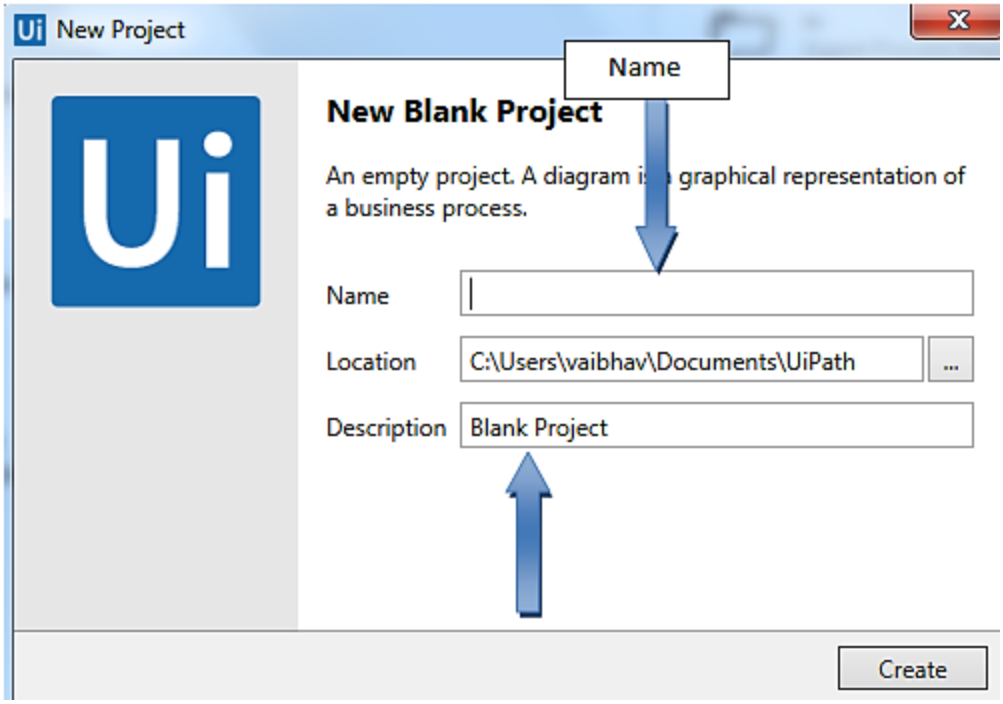

Main*
Main > Flowchart
Expand
Flowchart
Start
Invoke workflow file
Double-click to view
Comment
// Write your comments in the Text property
Sequence
Double-click to view

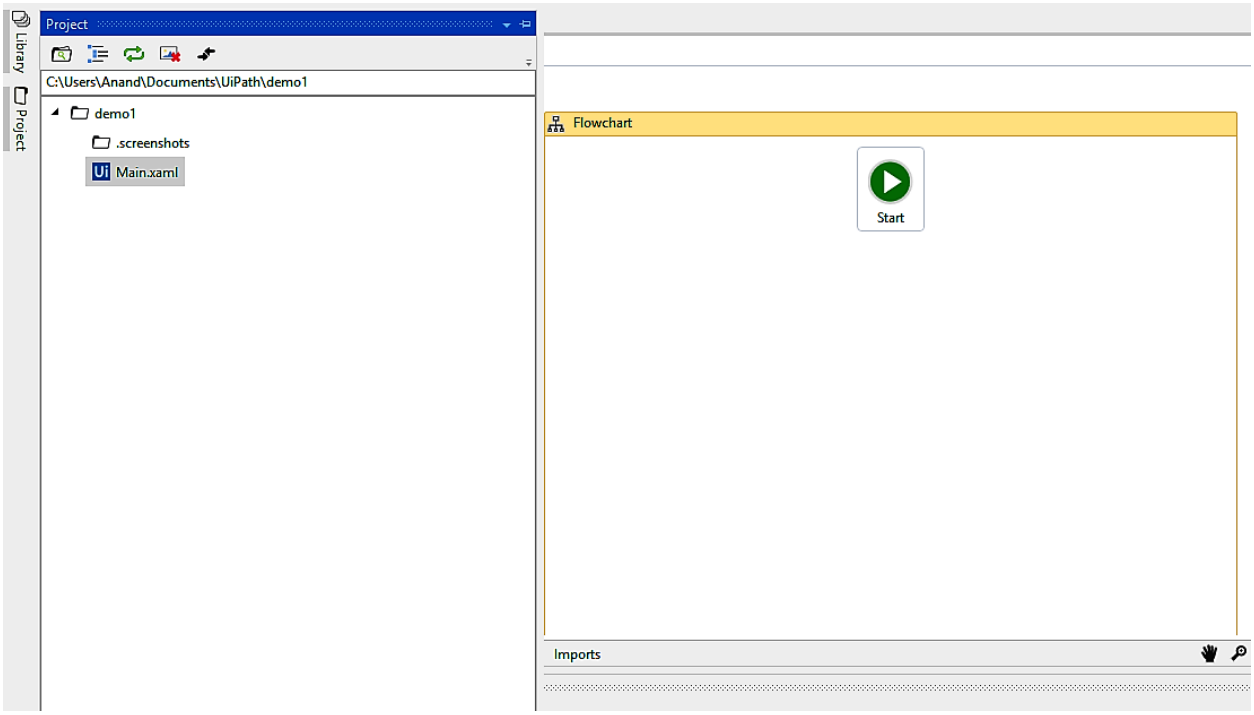

Library
Project
Project
C:\Users\Anand\Downloads\ReFrameWork-master\System1\TwitterTesting
TwitterTesting
.screenshots
Main.xaml

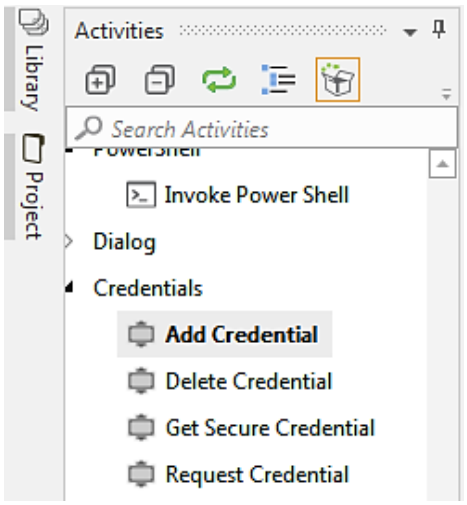


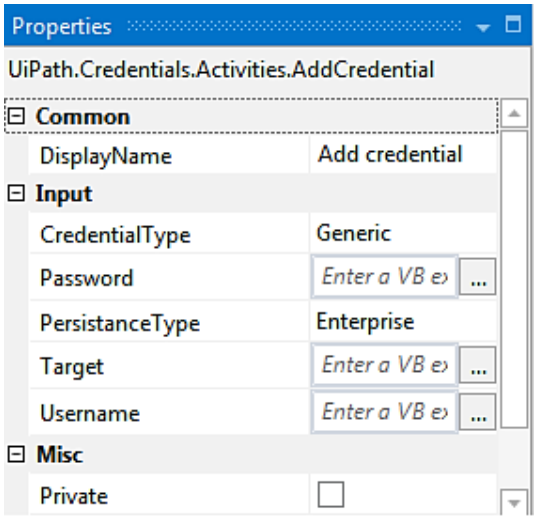
Name	Date modified	Type	Size
Initialization	11/14/2017 1:28 PM	XAML File	5 KB
Main	11/14/2017 1:28 PM	XAML File	36 KB
project	11/14/2017 1:28 PM	JSON File	1 KB
Transaction	11/14/2017 1:28 PM	XAML File	9 KB

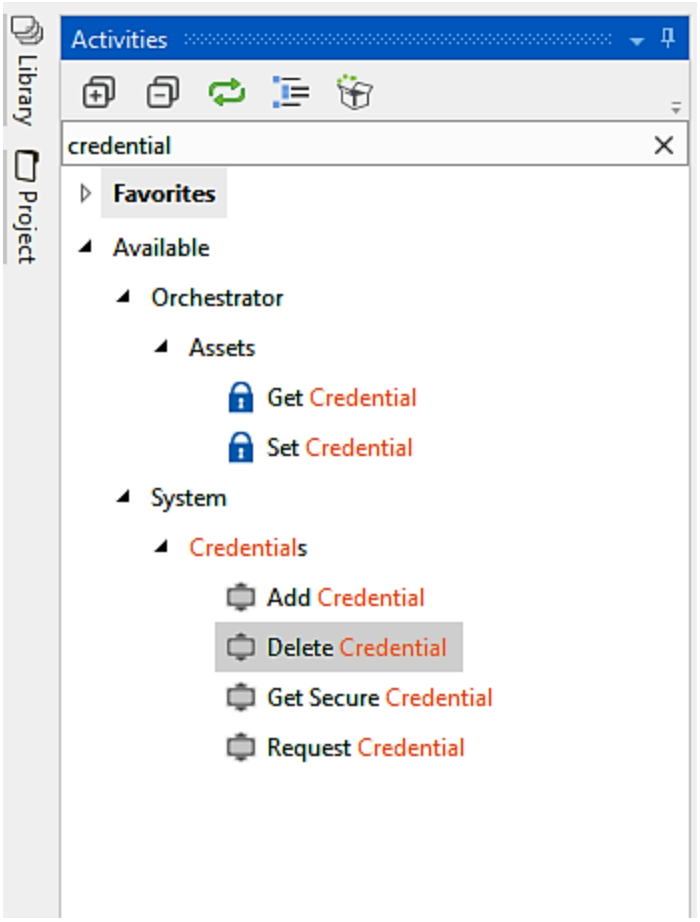

```
{
  "name": "a",
  "description": "Transactional Business Process Project",
  "main": "Main.xaml",
  "dependencies": {},
  "excludedData": [
    "Private:*",
    "*password*"
  ],
  "toolVersion": "17.1.6522.14204",
  "projectVersion": "1.0.6527.24239",
  "packOptions": {},
  "runtimeOptions": {}
}
```

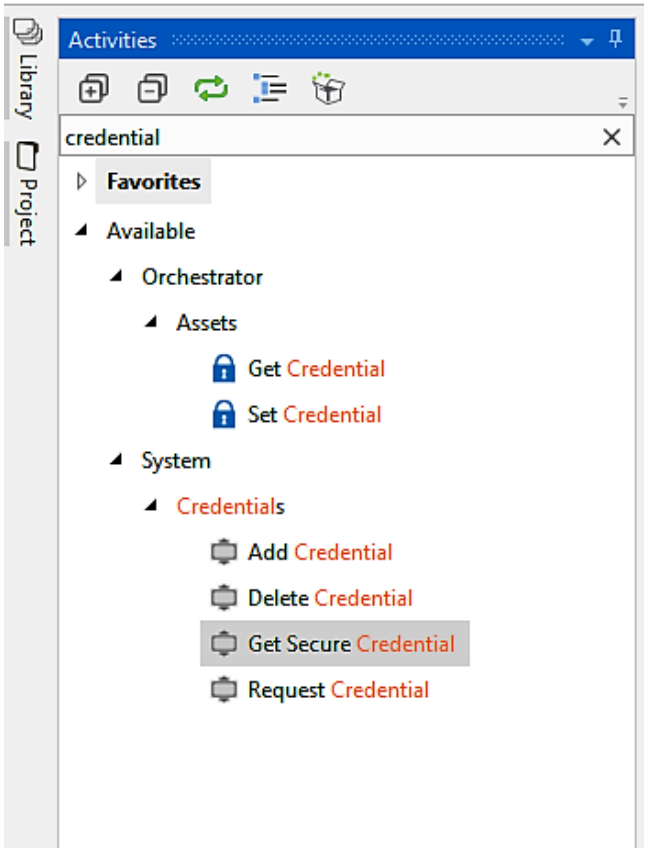

New Project
Name
New Blank Project
An empty project. A diagram is a graphical representation of a business process.
Name
Location
C:\Users\vaibhav\Documents\UiPath
...
Description
Blank Project
Create


Project
Library
Project
C:\Users\Anand\Documents\UiPath\demo1
demo1
.screenshots
Main.xaml
Flowchart
Start
Imports

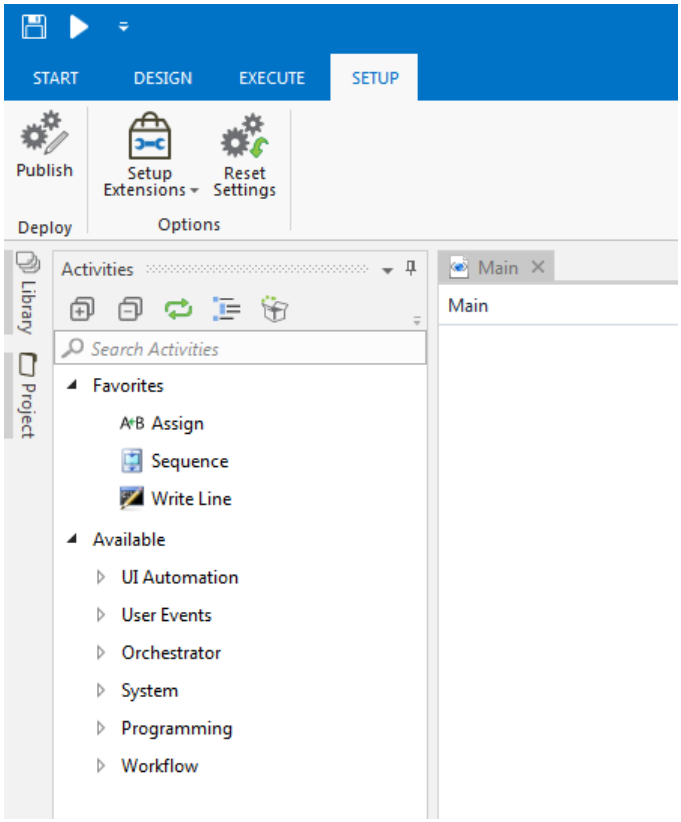

Activities
Library
Project
Search Activities
Invoke Power Shell
Dialog
Credentials
Add Credential
Delete Credential
Get Secure Credential
Request Credential

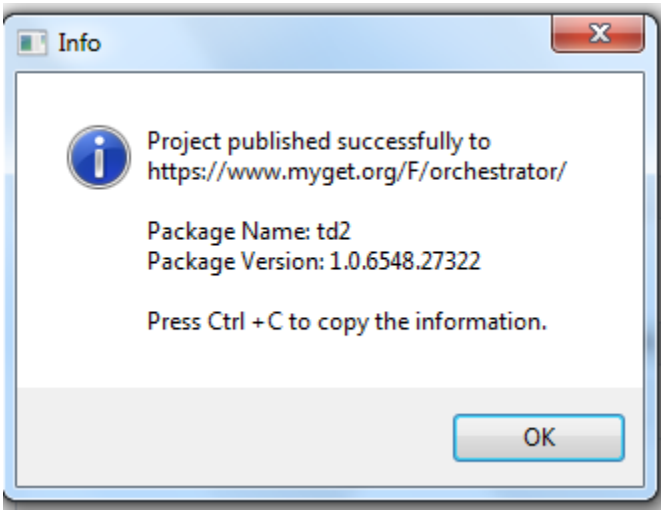

Properties
UiPath.Credentials.Activities.AddCredential
Common
DisplayName
Add credential
Input
CredentialType
Generic
Password
Enter a VB e
PersistanceType
Enterprise
Target
Enter a VB e
Username
Enter a VB e
Misc
Private

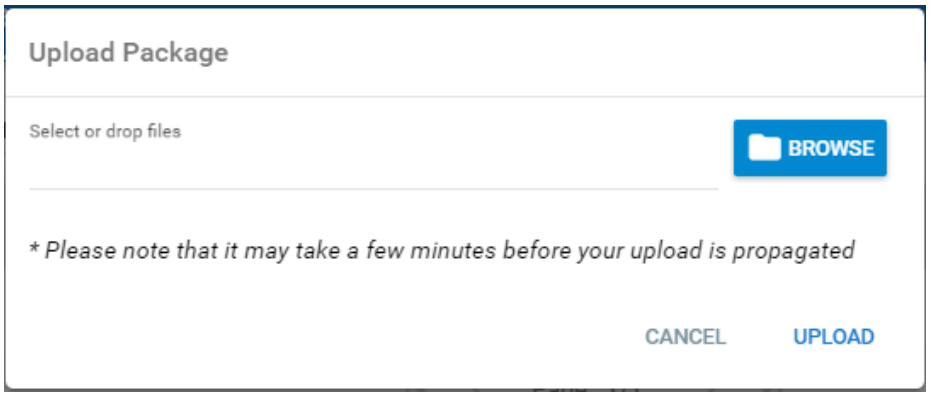

Library
Project
Activities
credential
Favorites
Available
Orchestrator
Assets
Get Credential
Set Credential
System
Credentials
Add Credential
Delete Credential
Get Secure Credential
Request Credential

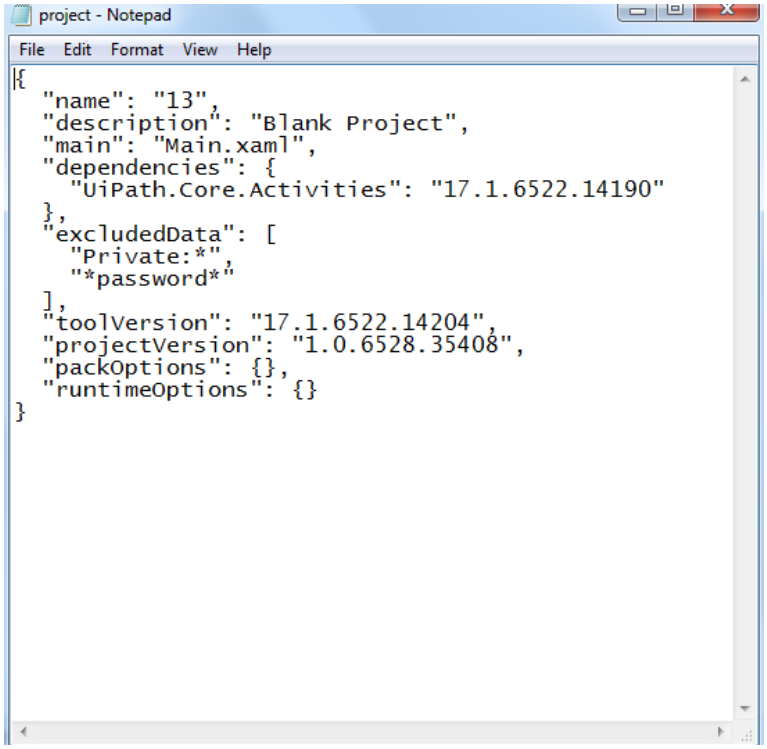

Library
Project
Activities
credential
Favorites
Available
Orchestrator
Assets
Get Credential
Set Credential
System
Credentials
Add Credential
Delete Credential
Get Secure Credential
Request Credential

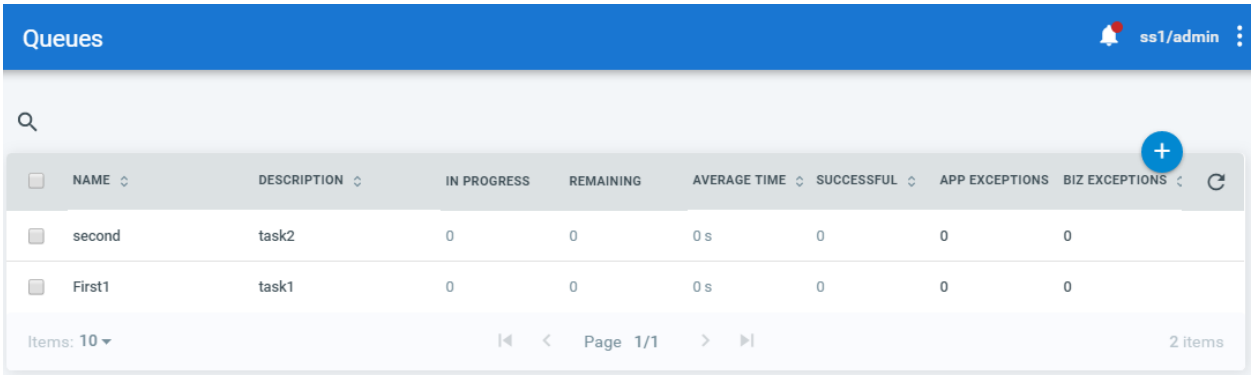
Chapter 10: Deploying and Maintaining the Bot

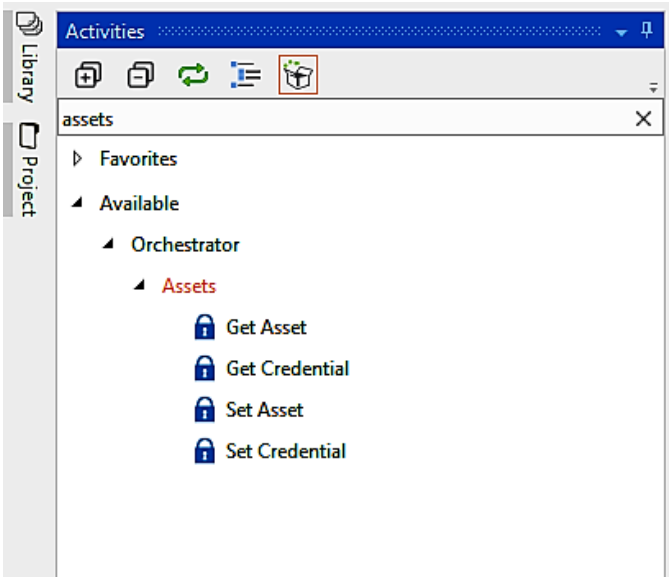


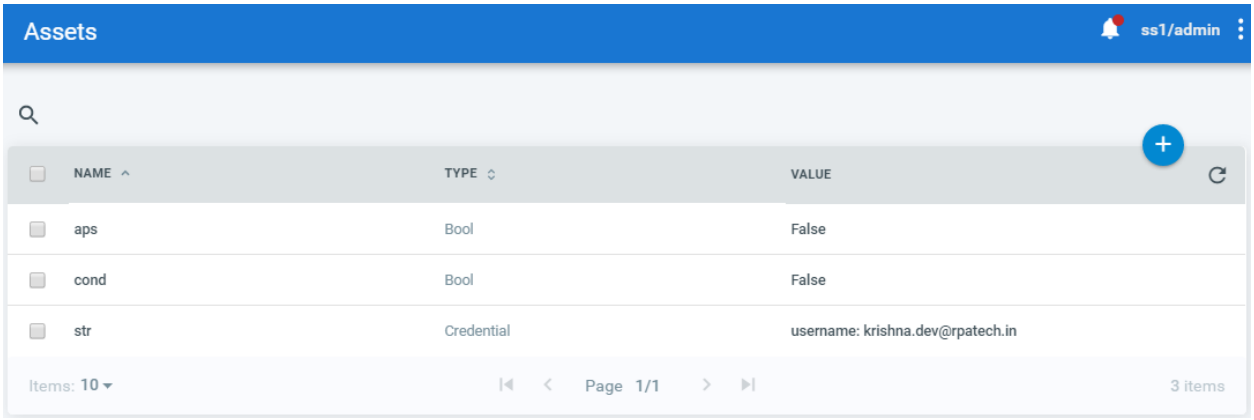


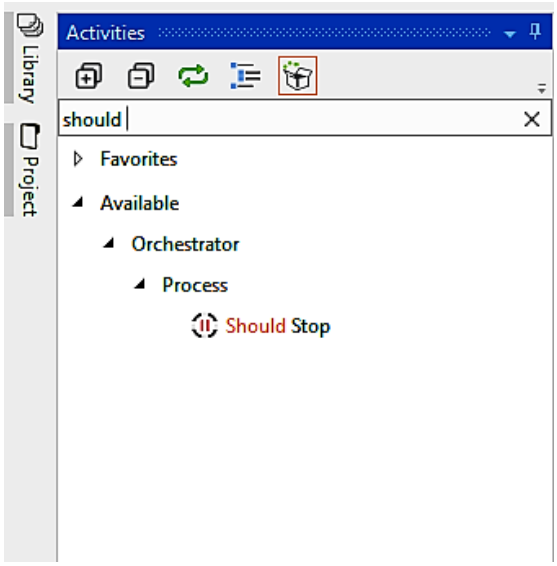

Upload Package
Select or drop files
BROWSE
* Please note that it may take a few minutes before your upload is propagated
CANCEL
UPLOAD

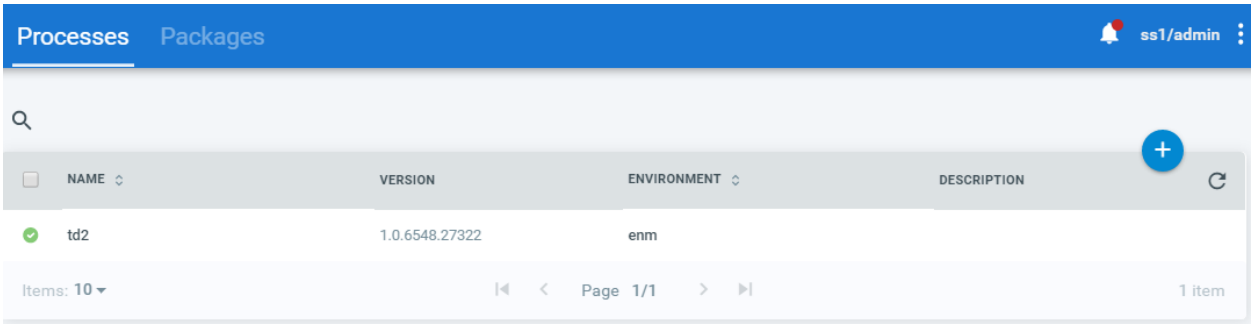

project - Notepad
File Edit Format View Help
{
"name": "13",
"description": "Blank Project",
"main": "Main.xaml",
"dependencies": {
"UiPath.Core.Activities": "17.1.6522.14190"
},
"excludedData": [
"Private:*",
"*password*"
],
"toolVersion": "17.1.6522.14204",
"projectVersion": "1.0.6528.35408",
"packOptions": {},
"runtimeOptions": {}
}

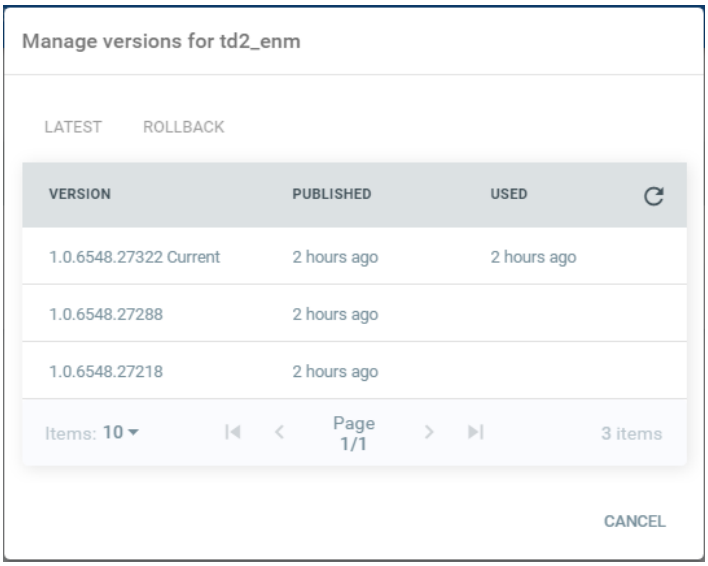

Queues
ss1/admin
NAME
DESCRIPTION
IN PROGRESS
REMAINING
AVERAGE TIME
SUCCESSFUL
APP EXCEPTIONS
BIZ EXCEPTIONS
second
task2
0
0
0 s
0
0
0
First1
task1
0
0
0 s
0
0
0
Items: 10
Page 1/1
2 items

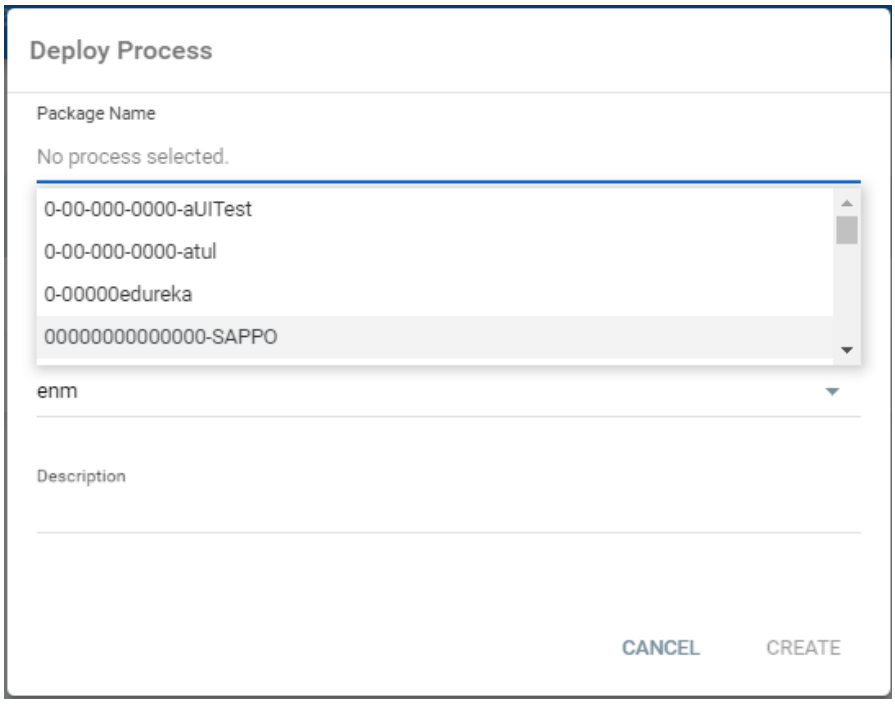

Library
Project
Activities
assets
Favorites
Available
Orchestrator
Assets
Get Asset
Get Credential
Set Asset
Set Credential

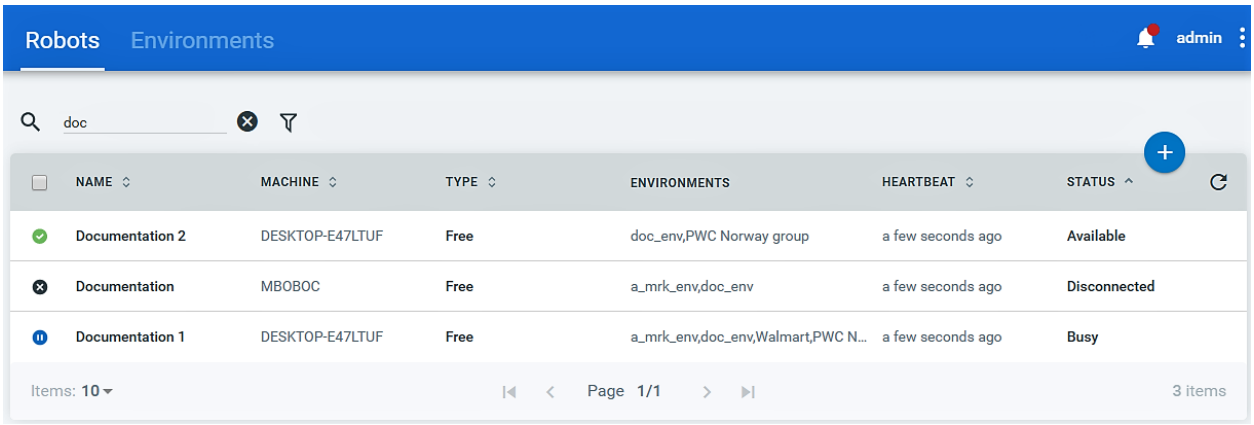

Assets
ss1/admin
NAME
TYPE
VALUE
aps
Bool
False
cond
Bool
False
str
Credential
username: krishna.dev@rpatech.in
Items: 10
Page 1/1
3 items

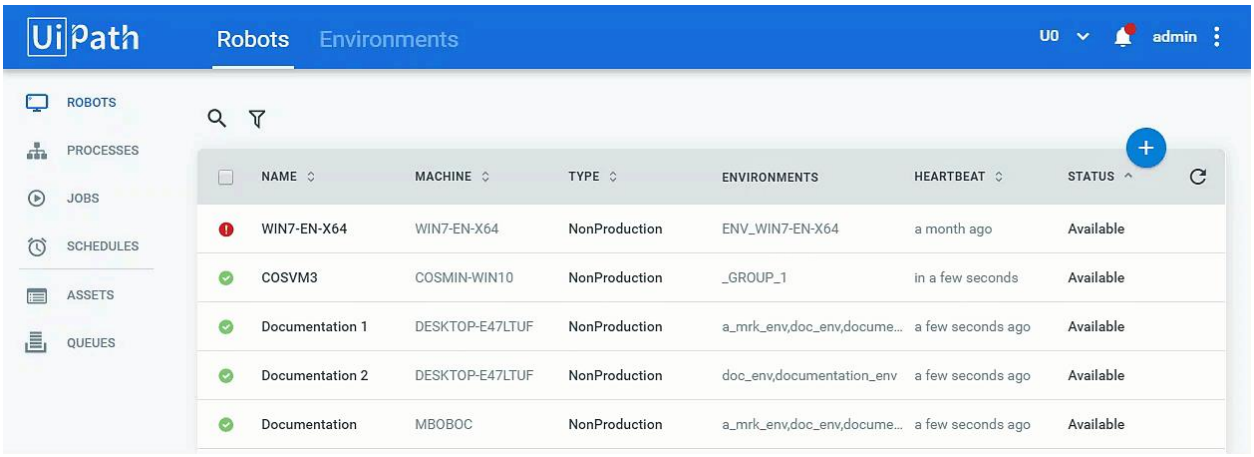

Activities
Library
Project
should
Favorites
Available
Orchestrator
Process
Should Stop

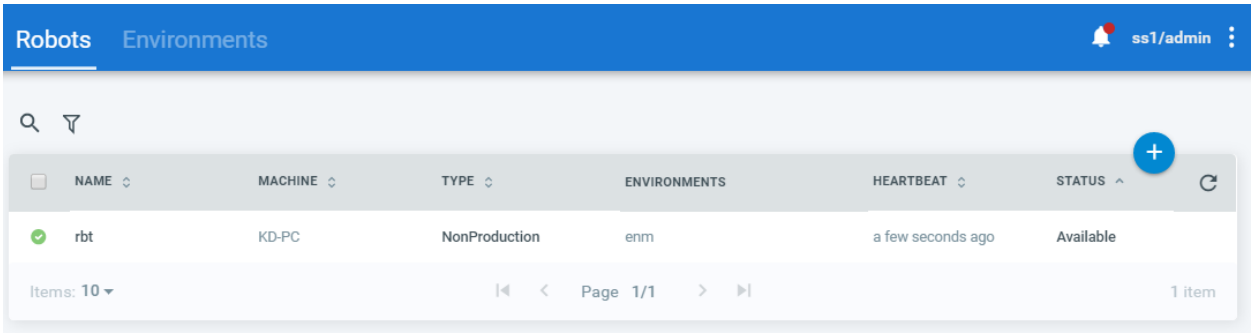

Processes
Packages
ss1/admin
NAME
VERSION
ENVIRONMENT
DESCRIPTION
td2
1.0.6548.27322
enm
Items: 10
Page 1/1
1 item


Manage versions for td2_enm
LATEST
ROLLBACK
VERSION
PUBLISHED
USED
1.0.6548.27322 Current
2 hours ago
2 hours ago
1.0.6548.27288
2 hours ago
1.0.6548.27218
2 hours ago
Items: 10
Page 1/1
3 items
CANCEL


Deploy Process
Package Name
No process selected.
0-00-000-0000-aUITest
0-00-000-0000-atul
0-00000edureka
00000000000000-SAPPO
enm
Description
CANCEL
CREATE


Robots
Environments
admin
doc
NAME
MACHINE
TYPE
ENVIRONMENTS
HEARTBEAT
STATUS
Documentation 2
DESKTOP-E47LTUF
Free
doc_env,PWC Norway group
a few seconds ago
Available
Documentation
MBOBOC
Free
a_mrk_env,doc_env
a few seconds ago
Disconnected
Documentation 1
DESKTOP-E47LTUF
Free
a_mrk_env,doc_env,Walmart,PWC N...
a few seconds ago
Busy
Items: 10
Page 1/1
3 items


UiPath
Robots
Environments
U0
admin
ROBOTS
PROCESSES
JOBS
SCHEDULES
ASSETS
QUEUES
NAME
MACHINE
TYPE
ENVIRONMENTS
HEARTBEAT
STATUS
WIN7-EN-X64 WIN7-EN-X64 NonProduction ENV_WIN7-EN-X64 a month ago Available
COSVM3 COSMIN-WIN10 NonProduction _GROUP_1 in a few seconds Available
Documentation 1 DESKTOP-E47LTUF NonProduction a_mrk_env,doc_env,docume... a few seconds ago Available
Documentation 2 DESKTOP-E47LTUF NonProduction doc_env,documentation_env a few seconds ago Available
Documentation MBOBOC NonProduction a_mrk_env,doc_env,docume... a few seconds ago Available


Robots
Environments
ss1/admin
NAME
MACHINE
TYPE
ENVIRONMENTS
HEARTBEAT
STATUS
rbt KD-PC NonProduction enm a few seconds ago Available
Items: 10
Page 1/1
1 item

CONFIGURATION | RUNTIME

Key *

1a354725-847d-4e8b-92c3-898574f0f9ee

Machine *

Name *

Domain\Username *

Password

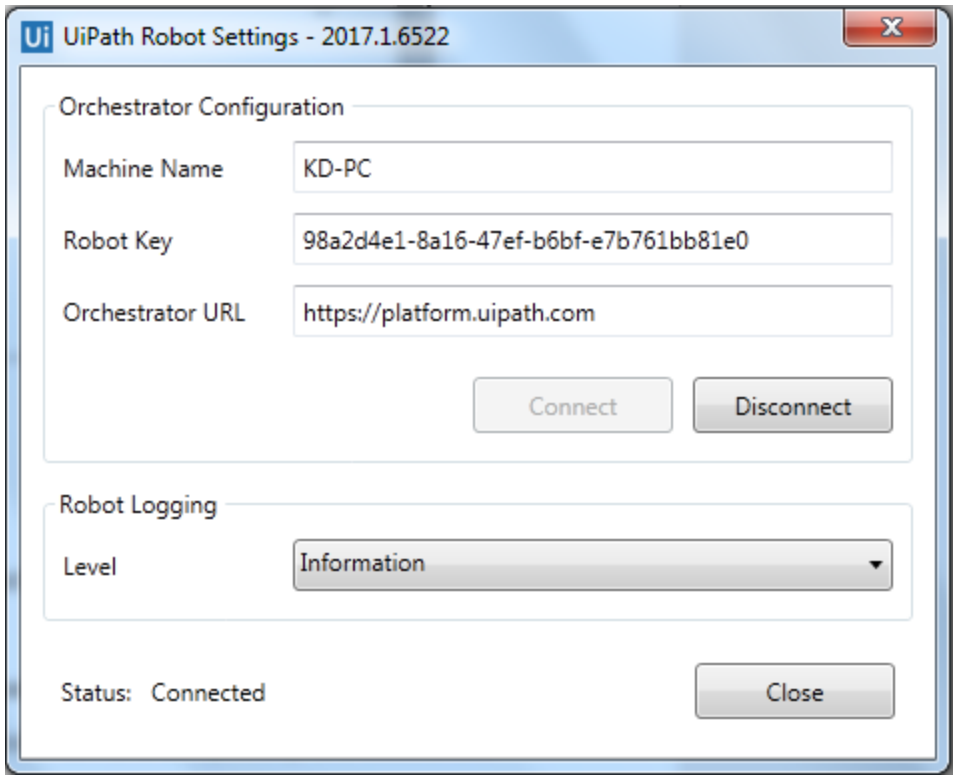
Type

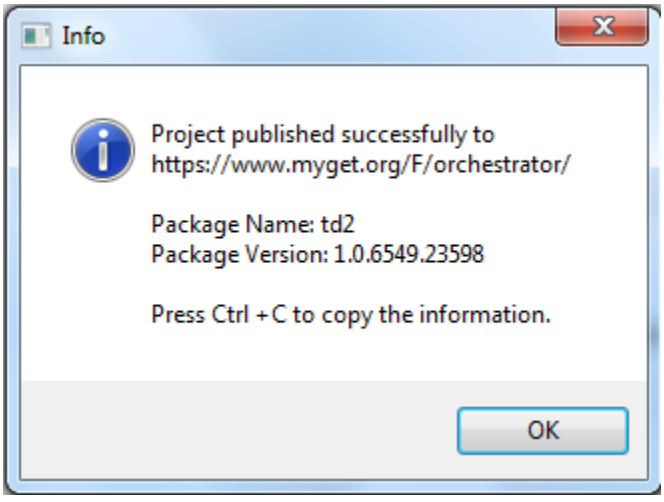
NonProduction

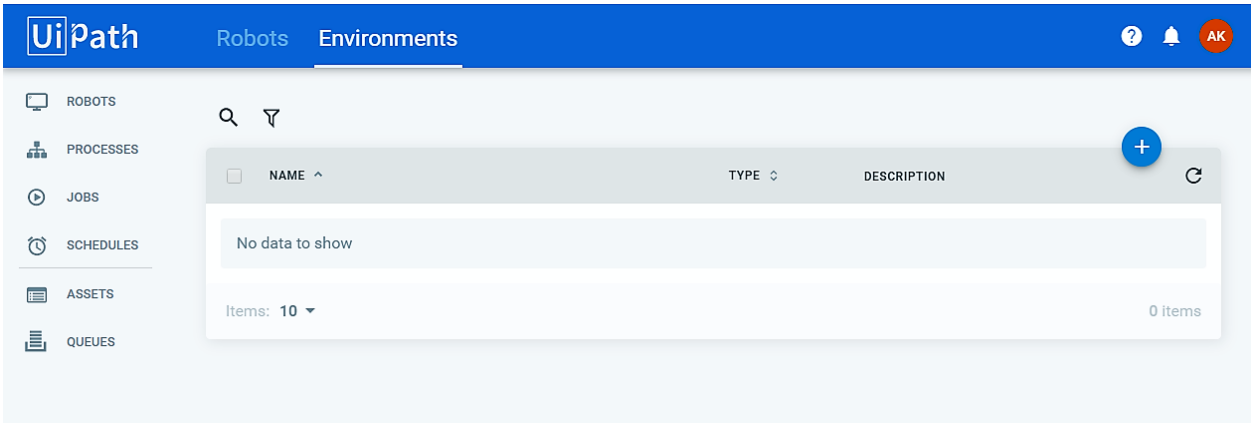
Description

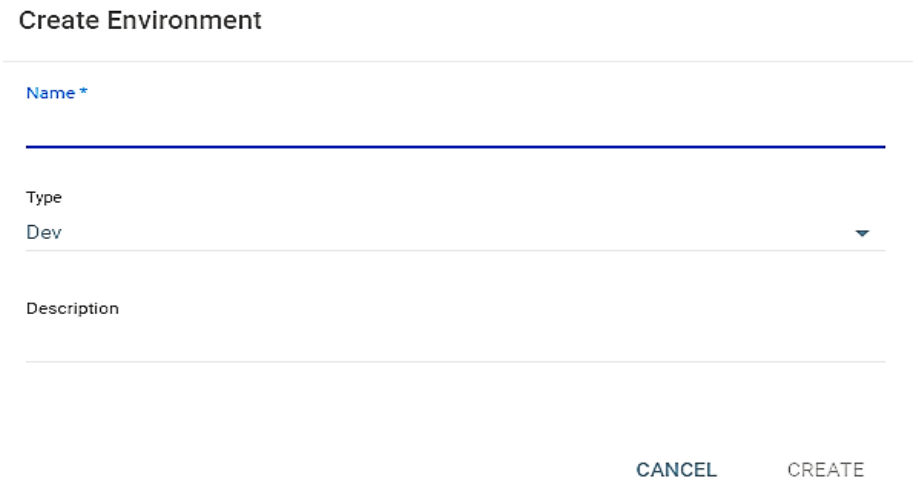
Create another

CANCEL PROVISION


UiPath Robot Settings - 2017.1.6522
Orchestrator Configuration
Machine Name
KD-PC
Robot Key
98a2d4e1-8a16-47ef-b6bf-e7b761bb81e0
Orchestrator URL
https://platform.uipath.com
Connect
Disconnect
Robot Logging
Level
Information
Status: Connected
Close


Info
Project published successfully to
https://www.myget.org/F/orchestrator/
Package Name: td2
Package Version: 1.0.6549.23598
Press Ctrl +C to copy the information.
OK


UiPath
Robots
Environments
AK
ROBOTS
PROCESSES
JOBS
SCHEDULES
ASSETS
QUEUES
NAME
TYPE
DESCRIPTION
No data to show
Items: 10
0 items


Create Environment
Name *
Type
Dev
Description
CANCEL
CREATE

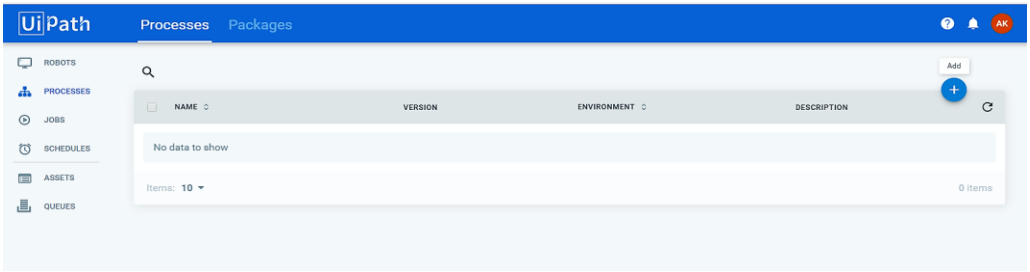
Manage DevTest Environment

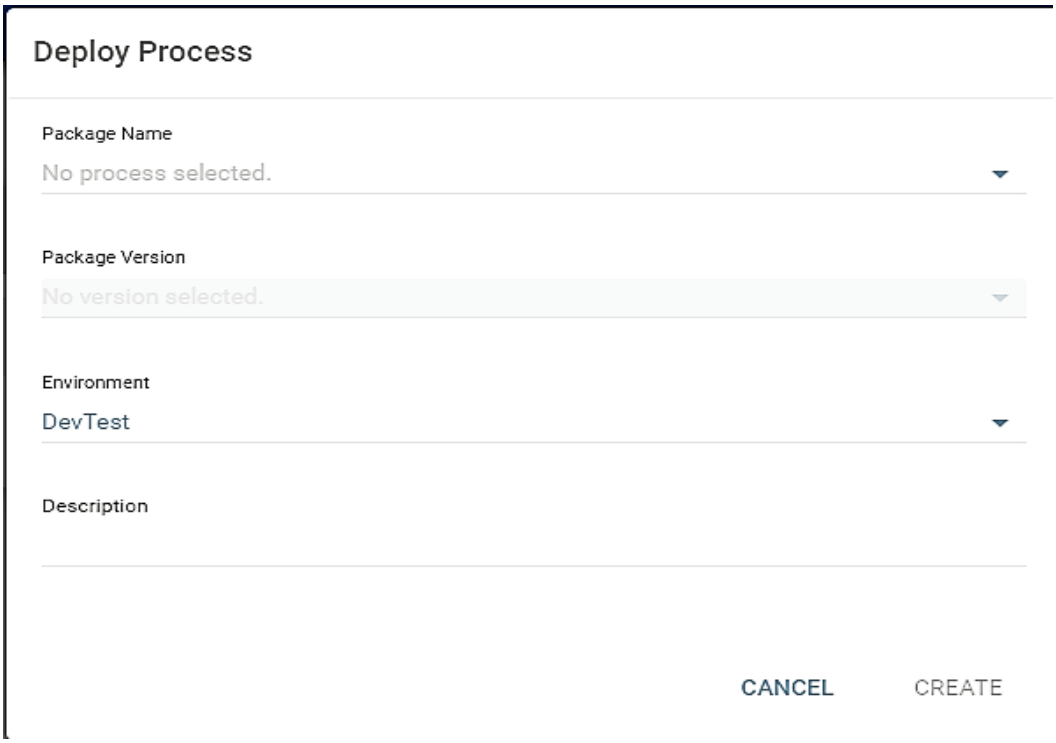
NAME TYPE DESCRIPTION

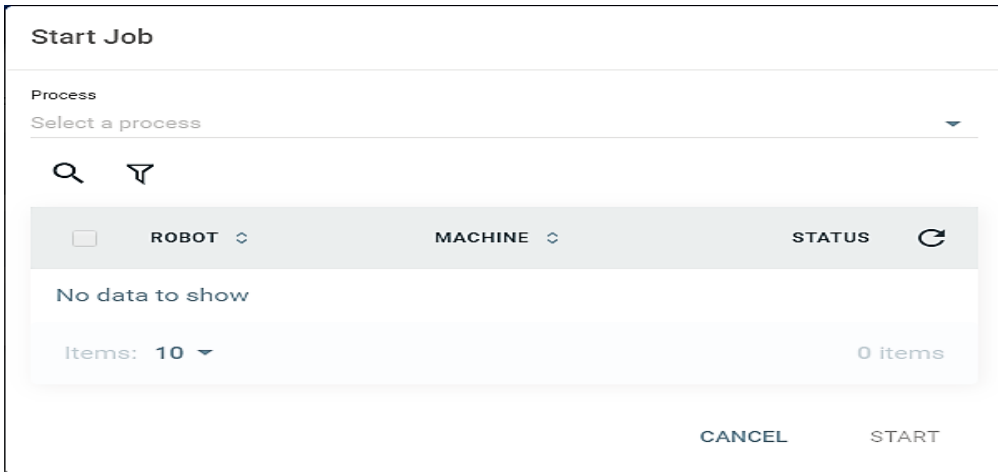
No data to show

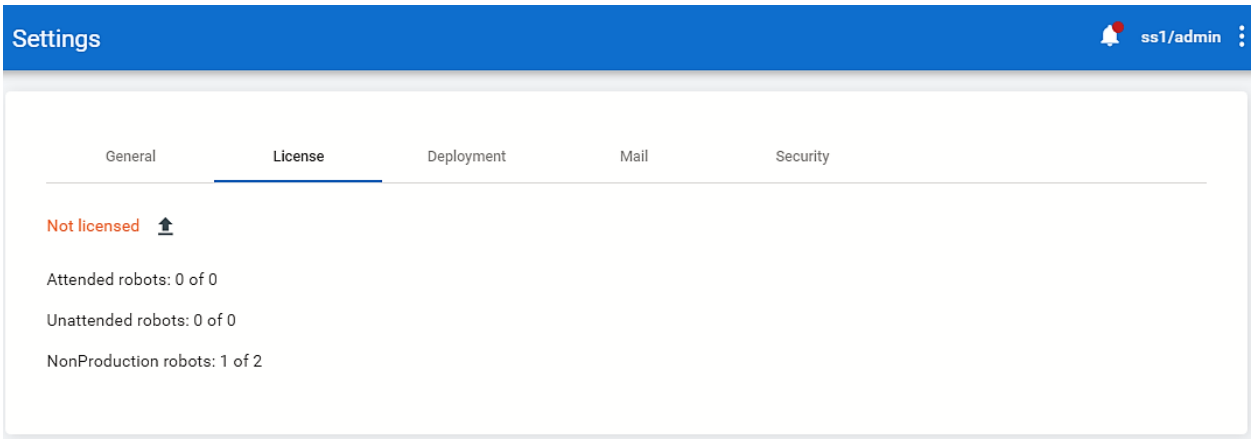
Items: 10 0 items

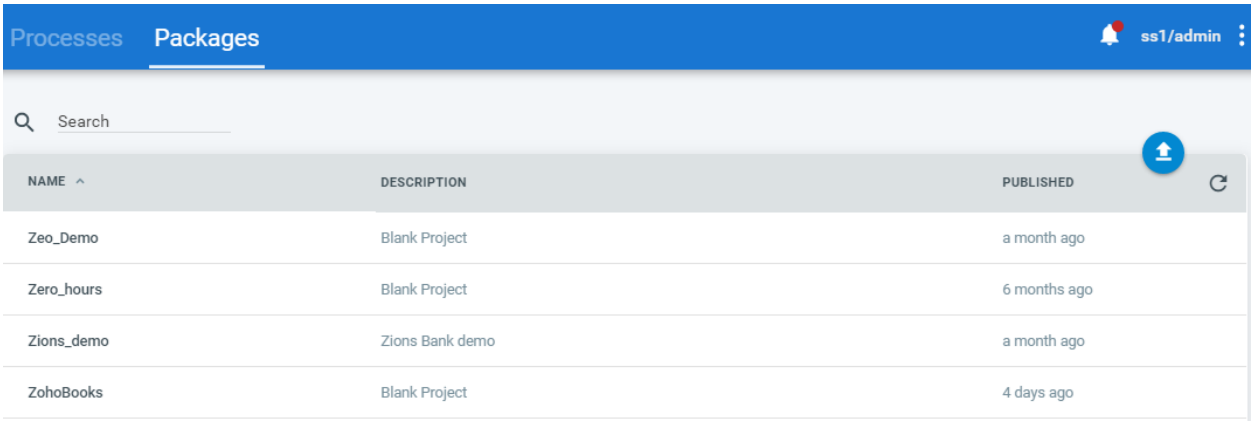
CANCEL UPDATE

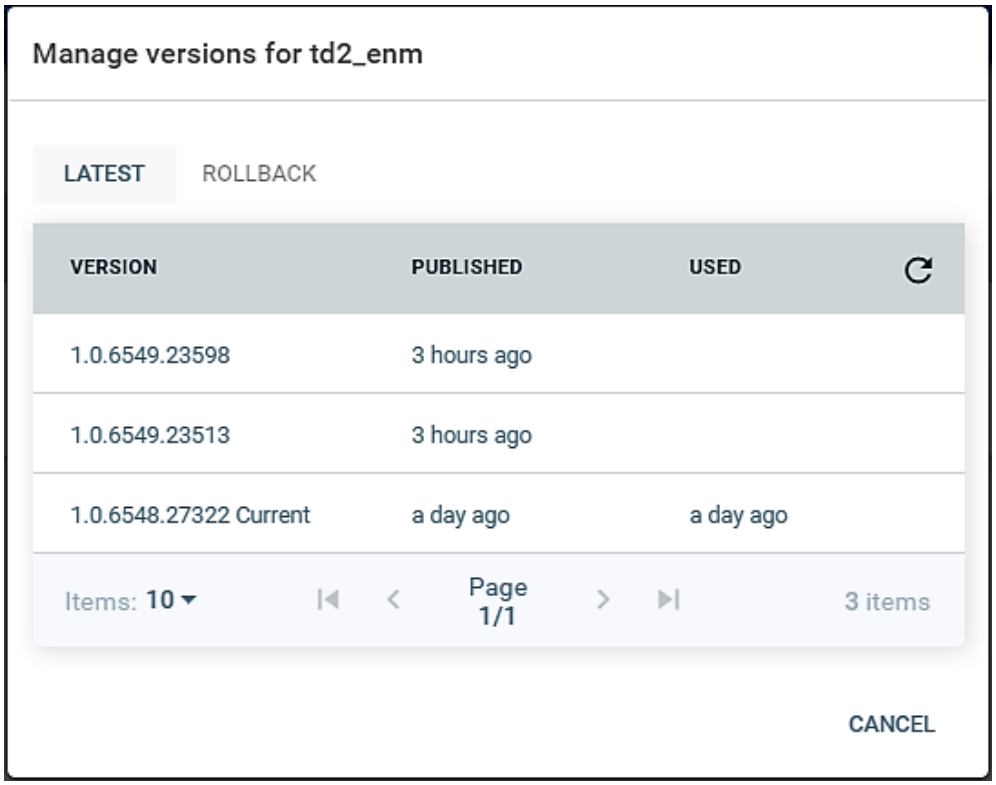


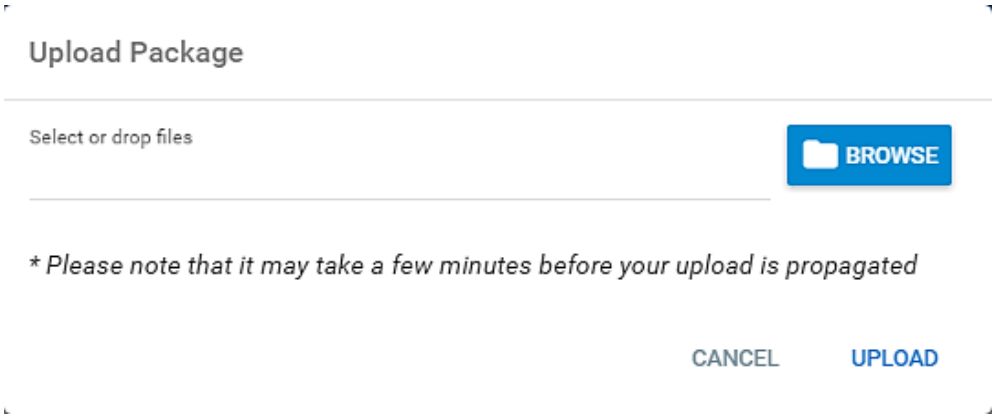

Deploy Process
Package Name
No process selected.
Package Version
No version selected.
Environment
DevTest
Description
CANCEL
CREATE

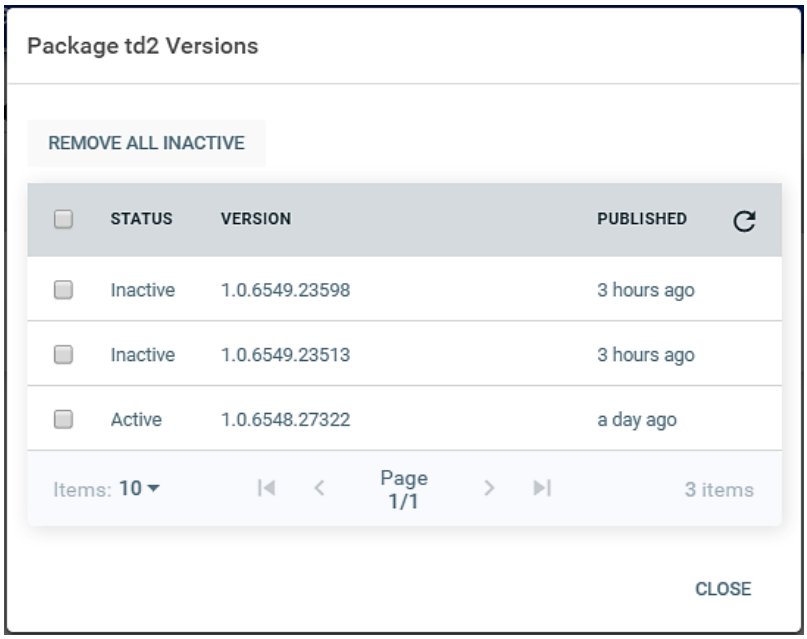

Start Job
Process
Select a process
ROBOT
MACHINE
STATUS
No data to show
Items: 10
0 items
CANCEL
START


Settings
ss1/admin
General
License
Deployment
Mail
Security
Not licensed
Attended robots: 0 of 0
Unattended robots: 0 of 0
NonProduction robots: 1 of 2


Processes
Packages
ss1/admin
Search
NAME
DESCRIPTION
PUBLISHED
Zeo_Demo
Blank Project
a month ago
Zero_hours
Blank Project
6 months ago
Zions_demo
Zions Bank demo
a month ago
ZohoBooks
Blank Project
4 days ago


Manage versions for td2_enm
LATEST
ROLLBACK
VERSION
PUBLISHED
USED
1.0.6549.23598
3 hours ago
1.0.6549.23513
3 hours ago
1.0.6548.27322 Current
a day ago
a day ago
Items: 10
Page 1/1
3 items
CANCEL


Upload Package
Select or drop files
BROWSE
* Please note that it may take a few minutes before your upload is propagated
CANCEL
UPLOAD


Package td2 Versions
REMOVE ALL INACTIVE
STATUS
VERSION
PUBLISHED
Inactive
1.0.6549.23598
3 hours ago
Inactive
1.0.6549.23513
3 hours ago
Active
1.0.6548.27322
a day ago
Items: 10
Page 1/1
3 items
CLOSE