Kofax TotalAgility - How to use Input and Output variables on a Script Node

Applies To

Kofax TotalAgility v7.x

When to use this feature?

Script activities are used whenever expression, .NET and Web Services are not appropriate. They remain in the product for legacy reasons. We hope that the newer features of the product help to reduce the need for any custom code. However, for these provide the mechanisms to write code within the process.

We have 3 types of Script nodes available in Kofax TotalAgility:

1. Script (VB Script)
2. C#
3. VB.net

Configuring the Script Nodes to use Input/Output variables

In a Kofax TotalAgility business process, we have two string variables (any type can be used, this is for an example only)
NameIn
NameOut

Add your desired type of Script node to the process,
Map the variables as inputs/outputs depending on your requirements
i.e.
When getting the value of a process variable in a script, assign the variable as an input to the activity.
When setting a the value of a process variable in a script, assign the variable as an output from the activity

Script Node example

dim sNamevalue
dim sNameValueOut
sNamevalue= Sparms.Find("[NameIn]")
sNameValueOut = UCase(sNamevalue)
SPArms.SetOutputParameter"[NameOut]", sNameValueOut

C# Node example

using System;
using Agility.Server.Scripting.ScriptAssembly;
	namespace MyNamespace
	{
		public class Class1
		{
			public Class1()
			{

			}

		
		[StartMethodAttribute()]
		public void Method1(ScriptParameters sp)
		{

			//

			// TODO: Add start method code here

			//

			string Name = sp.InputVariables[[NameIn]].ToString();
			sp.OutputVariables[[NameOut]] = "any value";

			}
		}
	}

VB.Net Node example

Imports System
Imports Agility.Server.Scripting.ScriptAssembly

Namespace MyNamespace

Public Class Class1

    <StartMethodAttribute()> Public Sub Method1(ByVal sp As ScriptParameters)
    '    ' TODO: Add start method code here
    '    '
    Dim Name
    Name = sp.InputVariables[[NameIn]]
    sp.OutputVariables[[NameOut]] = "value"
End Sub
End Class
End Namespace