

<?xml version='1.0' encoding='UTF-8'?>

<Root>

<process name="MS Outlook Email VBO" version="6.8.0.0" bpversion="6.5.0.12573" narrative="Business

<appdef>

<element name="Application Root">

<id>ec75c4f1-6276-470b-b23f-9a88eb7a0f96</id>

<type>Application</type>

<basetype>Application</basetype>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

</appdef>

<view>

<camerax>32</camerax>

<cameray>-42</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions>

<condition narrative="The Object requires a MS interop runtime DLL "Microsoft.Office.Interop.O

</preconditions>

<endpoint narrative=""/>

<subsheet subsheetid="810b21b7-6b6b-4c7b-be10-b0c5f2911afc" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

<camerax>-182</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

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<subsheet subsheetid="e0b58522-643b-42ad-8fdd-4cb5246c5558" type="Normal" published="True">

<name>Send Email</name>

<view>

<camerax>-98</camerax>

<cameray>49</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="78125029-0b28-4ee1-a064-c3a9e70ad7ca" type="Normal" published="True">

<name>Reply All to Email</name>

<view>

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<cameray>8</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="f6f16944-bdad-4ff4-a5df-b687b904183c" type="Normal" published="True">

<name>Reply to Email</name>

<view>

<camerax>0</camerax>

<cameray>57</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="9bf4e24d-5759-4357-97f1-adc1c08c843a" type="Normal" published="True">

<name>Forward Email</name>

<view>

<camerax>-191</camerax>

<cameray>26</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="2e6fb66c-9607-4731-829c-e3dfd4510a95" type="Normal" published="True">

<name>Save Email As File</name>

<view>

<camerax>21</camerax>

<cameray>121</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="5734e4af-7917-40d8-b0b6-83d8e1872074" type="Normal" published="True">

<name>Delete Email</name>

<view>

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<cameray>2</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="204201c2-30d3-467a-b6fb-4e0010b046af" type="Normal" published="True">

<name>Mark Email As Read</name>

<view>

<camerax>-8</camerax>

<cameray>2</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="2d1820f0-98e4-4a10-8361-8f5322babcee" type="Normal" published="True">

<name>Mark Email As Unread</name>

<view>

<camerax>-8</camerax>

<cameray>2</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="bca6ce7c-1d99-4e01-8f69-55a1b2e74904" type="Normal" published="True">

<name>Flag Email for Follow-up</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="c99a9bb4-1c93-420d-9165-5da9fd1132fa" type="Normal" published="True">

<name>Clear Email Flag</name>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="61b6fc18-b98a-4456-9381-8c8cfe9f6f60" type="Normal" published="True">

<name>Move Email to Inbox Sub Folder</name>

<view>

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<cameray>65</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="758f4938-75a1-4157-b0f7-2d9b99144d61" type="Normal" published="True">

<name>Save Attachments</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f" type="Normal" published="True">

<name>Save Attachment</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="7aafcecd-5e8f-49d4-9987-73958f3cedc3" type="Normal" published="True">

<name>Get Sent Items (Basic)</name>

<view>

<camerax>27</camerax>

<cameray>9</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="d9c8a6c7-f973-45af-b333-8166a34297c7" type="Normal" published="True">

<name>Get Sent Items (Advanced)</name>

<view>

<camerax>143</camerax>

<cameray>93</cameray>

<zoom version="2">1.5625</zoom>

</view>

</subsheet>

<subsheet subsheetid="43fde12c-9d96-4cdd-a342-88204c037438" type="Normal" published="True">

<name>Get Sent Items (Expert)</name>

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<cameray>67</cameray>

<zoom version="2">1.5625</zoom>

</view>

</subsheet>

<subsheet subsheetid="a2bc0172-492f-4781-b7ed-1f1d550da3ba" type="Normal" published="True">

<name>Get Received Items (Basic)</name>

<view>

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<cameray>357</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="f28aad59-a89a-4a9c-98ab-d31d6b69d9a5" type="Normal" published="True">

<name>Get Received Items (Advanced)</name>

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<cameray>105</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="ea004198-e1fb-44bc-b549-bf8f7fa06631" type="Normal" published="True">

<name>Get Received Items (Expert)</name>

<view>

<camerax>49</camerax>

<cameray>67</cameray>

<zoom version="2">1.5625</zoom>

</view>

</subsheet>

<subsheet subsheetid="fb0dd28d-2875-4ec6-b6d5-475120ac222c" type="Normal" published="False">

<name>Internal_Get Items</name>

<view>

<camerax>-91</camerax>

<cameray>33</cameray>

<zoom version="2">1.5625</zoom>

</view>

</subsheet>

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</narrative>
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<displayy>-105</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
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</stage>
```

```
<stage stageid="2f4e925d-3b3b-4bbb-b2db-a1e713c23ee5" name="End" type="End">
<loginhibit/>
<narrative>
</narrative>
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<displayy>90</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
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<stage stageid="bf10fbf6-c2a1-4b51-9a5b-9919863cc24b" name="Stage1" type="ProcessInfo">
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</narrative>
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<displayheight>210</displayheight>

<references>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

<reference>Microsoft.Office.Interop.Outlook.dll</reference>

<reference>System.Core.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>Microsoft.VisualBasic</import>

<import>Microsoft.Win32</import>

<import>Microsoft.Office.Interop.Outlook</import>

<import>System.Collections</import>

<import>System.Collections.Generic</import>

<import>System.Linq</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

<stage stageid="0e25d23b-b518-4ba3-989e-4adf589c7dd3" name="Clean Up" type="SubSheetInfo">

<subsheetsid>810b21b7-6b6b-4c7b-be10-b0c5f2911afc</subsheetsid>

<narrative>

</narrative>

```
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</stage>

<stage stageid="a9d4d214-a0e7-4383-8e44-7a4f068d71cd" name="Start" type="Start">

<subsheetsid>810b21b7-6b6b-4c7b-be10-b0c5f2911afc</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-105</displayy>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>

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</stage>

<stage stageid="253513b1-e08e-49b0-a789-fb3659eeb650" name="End" type="End">

<subsheetsid>810b21b7-6b6b-4c7b-be10-b0c5f2911afc</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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</stage>

<stage stageid="7d086243-ce98-49a9-8674-b8ca5349db4c" name="Note1" type="Note">

<subsheetid>810b21b7-6b6b-4c7b-be10-b0c5f2911afc</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="8c3c4d09-dac0-411e-8e05-4db606c12164" name="Save Email As File" type="SubSheet1">

<subsheetid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetid>

<narrative>Stores a specified email as a ".msg" file on any file location (file path).

The Entry ID is the unique idenfier used to determine which email is to be saved.</narrative>

<displayx>-195</displayx>

<displayy>-75</displayy>

<displaywidth>150</displaywidth>

<displayheight>120</displayheight>


```
</stage>

<stage stageid="2ff43150-6180-4cff-bf98-fd8d855bdbf9" name="Start" type="Start">

<subsheetid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions" />

<input type="text" name="File Path" narrative="Mandatory. The destination file path. Default blank." stage="F" />

<input type="text" name="File Name" narrative="Mandatory. The File Name for the stored Email." stage="F" />

</inputs>

<onsuccess>7287aac3-f380-41fd-99ed-1308db516359</onsuccess>

</stage>

<stage stageid="0ab2dc8d-39a7-4788-b7d2-7e6ff62b4cef" name="End" type="End">

<subsheetid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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</stage>

<stage stageid="7287aac3-f380-41fd-99ed-1308db516359" name="Save As" type="Code">

<subsheetid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetid>

<loginhibit/>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="File Path" expr="[File Path]"/>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

<input type="text" name="File Name" expr="[File Name]"/>

</inputs>

<onsuccess>0ab2dc8d-39a7-4788-b7d2-7e6ff62b4cef</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

item.SaveAs (File_Path & amp; File_Name & amp; ".msg")</code>

</stage>

<stage stageid="0d8dbc79-fe44-41e3-a7a5-5b60b74fa2cf" name="File Path" type="Data">

<subsheetid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>30</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="15416548-42aa-42e9-8a36-49d19e45e678" name="Internal_Get Items" type="SubSheet"

<subsheetsid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetsid>

<narrative>Sub function used by multiple actions within VBO. Do not change or publish.

Uses the Restrict method to create a filtered list of folder items. Not intended for publication.

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="a6573dfb-b844-470c-bfe7-73c863da28d4" name="Start" type="Start">

<subsheetsid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetsid>

<loginhibit/>

<narrative>

```
</narrative>

<displayx>15</displayx>

<displayy>-90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu

<input type="number" name="Outlook Folder ID" narrative="Mandatory. Google OIDefaultFolders Enumera

<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." s

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att

</inputs>

<onsuccess>d9ef3bca-bf49-4f84-9d4c-b3648951f323</onsuccess>

</stage>

<stage stageid="26935ec9-3f33-4a4d-982c-0e6b0a5edbc2" name="End" type="End">

<subsheetid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>
```

```
<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co
</outputs>

</stage>

<stage stageid="d9ef3bca-bf49-4f84-9d4c-b3648951f323" name="Get Items" type="Code">

<subsheetid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Filter Expression" expr="[Filter Expression]"/>

<input type="number" name="Outlook Folder ID" expr="[Outlook Folder ID]"/>

<input type="text" name="Sub Folder" expr="[Sub Folder]"/>

<input type="text" name="Account Display Name" expr="[Account Display Name]"/>

<input type="text" name="Shared Mailbox" expr="[Shared Mailbox]"/>

</inputs>

<outputs>

<output type="collection" name="Items" stage="Items"/>

<output type="number" name="Item Count" stage="Item Count"/>

</outputs>

<onsuccess>26935ec9-3f33-4a4d-982c-0e6b0a5edbc2</onsuccess>

<code>Dim PR_SMTP_ADDRESS As String = "https://schemas.microsoft.com/mapi/proptag/0x39FE001E

Dim app = CreateObject("Outlook.Application")
```



```
Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")
```

```
Dim folder As Folder
```

```
If Not String.IsNullOrEmpty(Shared_Mailbox) Then
```

```
Dim recipient = _nameSpace.CreateRecipient(Shared_Mailbox)
```

```
recipient.Resolve()
```

```
If recipient.Resolved Then
```

```
folder = _nameSpace.GetSharedDefaultFolder(recipient, Outlook_Folder_ID)
```

```
Else
```

```
Dim ex1 As New System.Exception(VbCrLf + "Failed to resolve shared mailbox '" + Shared_Mailbox + "'.")
```

```
Throw ex1
```

```
End If
```

```
Else
```

```
If Not String.IsNullOrEmpty(Account_Display_Name) Then
```

```
Try
```

```
Dim aa As List(Of Account) = _nameSpace.Accounts.Cast(Of Account).ToList()
```

```
folder = aa.Where(Function(x) x.DisplayName = Account_Display_Name).FirstOrDefault().DeliveryStore.GetDefaultFolder(Outlook_Folder_ID)
```

```
Catch ex As System.Exception
```

```
Dim ex1 As New System.Exception(VbCrLf + "Failed to retrieve default folder for Account Display Name '" + Account_Display_Name + "'.")
```

```
Throw ex1
```

```
End Try
```

```
Else
```

```
folder = _nameSpace.GetDefaultFolder(Outlook_Folder_ID)
```

```
End If
```

```
End If
```

If Sub_Folder <> "" Then

For each name as string in Sub_Folder.Split("\")

folder = folder.Folders(name)

Next

End If

'See [https://msdn.microsoft.com/en-us/library/office/aa210946\(v=office.11\).aspx](https://msdn.microsoft.com/en-us/library/office/aa210946(v=office.11).aspx)

'for mail item properties

Dim dataTable As New Data.DataTable

dataTable.Columns.Add("EntryID", Type.GetType("System.String"))

dataTable.Columns.Add("To", Type.GetType("System.String"))

dataTable.Columns.Add("CC", Type.GetType("System.String"))

dataTable.Columns.Add("Subject", Type.GetType("System.String"))

dataTable.Columns.Add("Body", Type.GetType("System.String"))

dataTable.Columns.Add("Attachments", Type.GetType("System.String"))

dataTable.Columns.Add("ReceivedOn", Type.GetType("System.DateTime"))

dataTable.Columns.Add("SentOn", Type.GetType("System.DateTime"))

dataTable.Columns.Add("SenderName", Type.GetType("System.String"))

dataTable.Columns.Add("SenderEmailAddress", Type.GetType("System.String"))

dataTable.Columns.Add("Unread", Type.GetType("System.Boolean"))

dataTable.Columns.Add("Sensitivity", Type.GetType("System.Int16"))

dataTable.Columns.Add("Importance", Type.GetType("System.Int16"))

dataTable.Columns.Add("Flag", Type.GetType("System.String"))

dataTable.Columns.Add("IsHTML", Type.GetType("System.Boolean"))

Dim folderItems = If(Filter_Expression <> "", folder.Items.Restrict(Filter_Expression), folder.Items)

For Each item As Object In folder.Items

If Not TypeOf item Is MailItem Then Continue For

Dim row As Data.DataRow = dataTable.NewRow

row("EntryID") = item.EntryID

row("To") = item.To

row("CC") = item.CC

row("Subject") = item.Subject

row("Body") = If(item.BodyFormat = 2, item.HTMLBody, item.Body)

Dim attachments As String = ""

For Each attachment As Object In item.Attachments

If attachment.Type = 1 Then

attachments = attachments & "&" & attachment.DisplayName

End If

Next

row("Attachments") = If (attachments.Length = 0, "", attachments.SubString(1))

row("SentOn") = item.SentOn

row("ReceivedOn") = item.ReceivedTime

row("SenderName") = item.SenderName

If item.SenderEmailType = "EX" Then

Dim sender As AddressEntry = item.Sender

If sender IsNot Nothing Then

If sender.AddressEntryUserType = OlAddressEntryUserType.olExchangeUserAddressEntry OrElse sender

Dim exchUser As ExchangeUser = sender.GetExchangeUser()

If exchUser IsNot Nothing Then

```
row("SenderEmailAddress") = exchUser.PrimarySmtpAddress
```

```
End If
```

```
Elseif sender.AddressEntryUserType = OlAddressEntryUserType.olExchangeDistributionListAddressEntry
```

```
Dim exchDL As ExchangeDistributionList = sender.GetExchangeDistributionList
```

```
If exchDL IsNot Nothing Then
```

```
row("SenderEmailAddress") = exchDL.PrimarySmtpAddress
```

```
End If
```

```
Else
```

```
row("SenderEmailAddress") = TryCast(sender.PropertyAccessor.GetProperty(PR_SMTP_ADDRESS), Stri
```

```
End If
```

```
End If
```

```
Else
```

```
row("SenderEmailAddress") = item.SenderEmailAddress
```

```
End If
```

```
row("Unread") = item.Unread
```

```
row("Sensitivity") = item.Sensitivity
```

```
row("Importance") = item.Importance
```

```
row("Flag") = item.FlagRequest
```

```
row("IsHTML") = (item.BodyFormat = 2)
```

```
dataTable.Rows.Add(row)
```

```
Item_Count += 1
```

```
Next
```

```
Items = dataTable</code>
```

```
</stage>
```

```
<stage stageid="301b8904-3bcd-4b1b-805a-0a190d6a1f23" name="Item Count" type="Data">
```

<subsheetid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="563eaaf3-d093-48a1-89fe-5b6dcc312f81" name="Filter Expression" type="Data">

<subsheetid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-15</displayy>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d314f7c0-0af6-4cc5-a2e1-1b2cb29674d9" name="Entry ID" type="Data">

<subsheetsid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetsid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

<displayx>-195</displayx>

<displayy>60</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5106a0ab-6cbb-410f-9e0d-113791019ded" name="Get Received Items (Advanced)" type="Data">

<subsheetsid>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheetsid>

<narrative>Lists Inbox items matching the filter provided

Eg1 [From]='Mike Coworker' AND [unread]=False

Eg2 [Unread]=True AND [ReceivedTime] >= '2018/01/01'

See <https://msdn.microsoft.com/en-us/vba/outlook-vba/articles/items-restrict-method-outlook></narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

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<displayheight>90</displayheight>


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</stage>

<stage stageid="38a5b9e1-f5ae-4293-96b5-8e39f6ddad5f" name="Start" type="Start">

<subsheets>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheets>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-105</displayy>

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<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu"

<input type="text" name="Sub Folder" narrative="Optional. Any alphanumeric value valid. The Subfolder in"

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account."

<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att"

</inputs>

<onsuccess>bb657ac6-ea98-4042-8df8-0bfec4fe5f42</onsuccess>

</stage>

<stage stageid="88b1aeeb-8765-4f0c-98b3-a64aa3effa2c" name="Item Count" type="Data">

<subsheets>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheets>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>240</displayy>

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<private/>
<alwaysinit/>
</stage>

<stage stageid="e9952465-1c95-422d-9bfe-1735745d3012" name="Filter Expression" type="Data">
<subsheetsid>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheetsid>

<narrative>
</narrative>

<displayx>-195</displayx>
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</stage>

<stage stageid="4d97db59-defd-4f2b-80a0-50ae2c87c68e" name="Outlook Folder ID" type="Data">
<subsheetsid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetsid>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>-195</displayx>
<displayy>15</displayy>
<displaywidth>150</displaywidth>
<displayheight>30</displayheight>
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<datatype>number</datatype>

<initialvalue>6</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="bb657ac6-ea98-4042-8df8-0bfec4fe5f42" name="Internal_Get Items" type="SubSheet">

<subsheetsid>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="number" name="Outlook Folder ID" narrative="Mandatory. Google OIDefaultFolders Enumera

<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu

<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." e

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" friendlyname="Shared Mailbox" narrative="Optional. Share Mai

</inputs>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

<onsuccess>87fa8e80-f1f1-4329-8256-0224c2a2164c</onsuccess>

<processid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</processid>

</stage>

<stage stageid="036baecd-65dc-4916-9438-165b479478b1" name="Outlook Folder ID" type="Data">

<subsheetsid>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheetsid>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

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<displaywidth>150</displaywidth>

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<initialvalue>6</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="7c584784-b258-4700-ae02-482668348ae9" name="Get Sent Items (Expert)" type="SubS

<subsheetsid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetsid>

<narrative>Lists Sent Items matching the query provided.

Eg1 @SQL=urn:schemas:httpmail:subject='Data Input'

Eg2 @SQL=urn:schemas:httpmail:displayto='Mike Colleague' AND (urn:schemas:httpmail:subject LIKE '%

See <https://msdn.microsoft.com/en-us/vba/outlook-vba/articles/items-restrict-method-outlook></narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

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</stage>

<stage stageid="ecc59d78-3d95-4f68-8f6d-7dfa2ad7c6d4" name="Start" type="Start">

<subsheetid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="DASL Query" narrative="Mandatory. A filter using a DASL query, eg @SQL=urn.

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att

</inputs>

<onsuccess>ef7b49fa-9e40-4ce5-b6ac-67e5c3171164</onsuccess>

</stage>

<stage stageid="68c67a7a-d81f-4def-823b-761b317fc9f5" name="Item Count" type="Data">

<subsheetid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>210</displayy>
```

```
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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="78a90b2a-607e-4d8d-8f04-7c3a81e8bf63" name="Filter Expression" type="Data">

<subsheetsid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="920c79f3-90b3-487b-a30c-4e95162d5ecb" name="Outlook Folder ID" type="Data">

<subsheetsid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetsid>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>-195</displayx>

<displayy>-15</displayy>
```

<displaywidth>150</displaywidth>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="ef7b49fa-9e40-4ce5-b6ac-67e5c3171164" name="Internal_Get Items" type="SubSheet">

<subsheetsid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="Outlook Folder ID" narrative="Mandatory. Google OIDefaultFolders Enumera

<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu

<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." e

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" friendlyname="Shared Mailbox" narrative="Optional. Share Mai

</inputs>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

```
<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co
</outputs>

<onsuccess>88475529-0d3e-40b9-8ead-79cedfbdf8c6</onsuccess>

<processid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</processid>

</stage>

<stage stageid="89de27c3-f759-42a1-956d-49dc91baa367" name="Send Email" type="SubSheetInfo">

<subsheetid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetid>

<narrative>Sends an Email
```

For a list of valid Sensitivity values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olse>

For a list of valid Importance values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olir>

```
<displayx>-195</displayx>

<displayy>-105</displayy>

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</stage>

<stage stageid="2f285e28-d6bb-4e7b-be7b-2631c3a8ac84" name="End" type="End">

<subsheetid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
```


</stage>

<stage stageid="79296089-edc5-4338-bf95-6734ad47825d" name="Send Item" type="Code">

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<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>60</displaywidth>

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<inputs>

<input type="text" name="To" expr="[To]"/>

<input type="text" name="CC" expr="[CC]"/>

<input type="text" name="BCC" expr="[BCC]"/>

<input type="text" name="Subject" expr="[Subject]"/>

<input type="text" name="Message" expr="[Message]"/>

<input type="text" name="Attachments" expr="[Attachments]"/>

<input type="flag" name="Message Is HTML" expr="[Message Is HTML]"/>

<input type="number" name="Sensitivity" expr="[Sensitivity]"/>

<input type="number" name="Importance" expr="[Importance]"/>

<input type="text" name="Account Display Name" expr="[Account Display Name]"/>

</inputs>

<onsuccess>2f285e28-d6bb-4e7b-be7b-2631c3a8ac84</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim mail = app.CreateItem(0)

Dim addressCount As Integer

If [To] <> "" Then

Dim toAddresses = Split([To], ";")

For addressCount = LBound(toAddresses) To UBound(toAddresses)

Dim recipient = mail.Recipients.Add(toAddresses(addressCount))

recipient.Resolve

If recipient.Resolved Then recipient.Type = OlMailRecipientType.olTo

Next

End if

If CC <> "" Then

Dim ccAddresses = Split([CC], ";")

addressCount = 0

For addressCount = LBound(ccAddresses) To UBound(ccAddresses)

Dim recipient = mail.Recipients.Add(ccAddresses(addressCount))

recipient.Resolve

If recipient.Resolved Then recipient.Type = OlMailRecipientType.olCC

Next

End If

If BCC <> "" Then

Dim bccAddresses = Split([BCC], ";")

addressCount = 0

For addressCount = LBound(bccAddresses) To UBound(bccAddresses)

Dim recipient = mail.Recipients.Add(bccAddresses(addressCount))

recipient.Resolve

If recipient.Resolved Then recipient.Type = OlMailRecipientType.olBCC

Next

End If

mail.Subject = Subject

If Message_Is_HTML Then

mail.BodyFormat = 2

mail.HTMLBody = Message

Else

mail.BodyFormat = 1

mail.Body = Message

End If

For Each att As String In Attachments.Split(";")

If att = "" Then Continue For

mail.Attachments.Add(att)

Next

If Sensitivity = Int(Sensitivity) AndAlso (Sensitivity >= 0 And Sensitivity <= 3)

mail.Sensitivity = Sensitivity

Else

mail.Sensitivity = 0

End If

If Importance = Int(Importance) AndAlso (Importance >= 0 And Importance <= 2) Then

mail.Importance = Importance

Else

mail.Importance = 1

End If

If Not String.IsNullOrEmpty(Account_Display_Name) Then

Try

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim aa As List(Of Account) = _nameSpace.Accounts.Cast(Of Account).ToList()

Dim acct = aa.Where(Function(x) x.DisplayName = Account_Display_Name).FirstOrDefault()

mail.SendUsingAccount(acct)

Catch ex As System.Exception

Dim ex1 As New System.Exception(VbCrLf + "Unable to find Account Display Name '" + Account_Display_Name + "'")

Throw ex1

End Try

End If

mail.Save

mail.Send</code>

</stage>

<stage stageid="e8e74832-24e7-4d9b-977d-f3720a5f58a3" name="Subject" type="Data">

<subsheetid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetid>

<loginhibit/>

<narrative>

```
</narrative>

<displayx>-195</displayx>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="9254c70d-8233-413f-a7c8-5b920c8d7595" name="To" type="Data">

<subsheetsid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>-195</displayx>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="8c4cefa2-e465-4d3a-adae-410a8e2d6b73" name="Message" type="Data">
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<subsheetid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>-195</displayx>

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<stage stageid="3106293e-e64d-4d13-9671-b39e8c6be771" name="Attachments" type="Data">

<subsheetid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetid>

<narrative>

</narrative>

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<displayy>135</displayy>

<displaywidth>150</displaywidth>

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<initialvalue/>

<private/>

<alwaysinit/>

```
</stage>

<stage stageid="9418ede2-db6d-4912-bcd8-209a495359dc" name="Save Attachments" type="SubSheetI

<subsheetid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetid>

<narrative>Downloads all attachments to a folder.

The Entry ID is the unique idenfier used to determine which email is to be actioned.</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="f3f87040-02dc-44e3-94ac-4e94444ce722" name="End" type="End">

<subsheetid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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</stage>

<stage stageid="2e36171f-a7a2-4de1-b778-bd029753aad5" name="Start" type="Start">

<subsheetid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetid>

<loginhibit/>

<narrative>
```

```
</narrative>

<displayx>15</displayx>

<displayy>-135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions" />

<input type="text" name="Folder Path" narrative="Mandatory. The destination folder path for the attachment" />

</inputs>

<onsuccess>0ec3c501-009c-4736-9511-3b84c98dcc66</onsuccess>

</stage>

<stage stageid="0ec3c501-009c-4736-9511-3b84c98dcc66" name="Save Attachments" type="Code">

<subsheetsid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Folder Path" expr="[Folder Path]"/>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

<input type="text" name="File Pattern" expr="[File Pattern]"/>

</inputs>
```

<onsuccess>f3f87040-02dc-44e3-94ac-4e94444ce722</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

If item Is Nothing Then Return

If Not Folder_Path.EndsWith("\") Then Folder_Path &&="\

For Each attachment As Object In item.Attachments

If (attachment.Type = 1 OrElse attachment.Type = 5 OrElse attachment.Type = 6) AndAlso attachment.FileName

attachment.SaveAsFile(Folder_Path && attachment.FileName)

End If

Next

</code>

</stage>

<stage stageid="38d69990-6a5f-40ce-a4bb-541e49726b64" name="Folder Path" type="Data">

<subsheetid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>15</displayy>

<displaywidth>150</displaywidth>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="9f357ec6-15f4-4133-8da8-5061d4359d38" name="Entry ID" type="Data">

<subsheetid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

<displayx>-195</displayx>

<displayy>-15</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="6a88d805-9f51-4298-9905-cb28610dae96" name="File Pattern" type="Data">

<subsheetid>758f4938-75a1-4157-b0f7-2d9b99144d61</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>45</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue xml:space="preserve">*. *</initialvalue>


```
</private/>
```

<alwaysinit/>

</stage>

```
<stage stageid="ad2e31ff-e5ef-4467-a348-13dc9a8a1acb" name="Save Attachment" type="SubSheetInfo"
```

<subsheetid>41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f</subsheetid>

<narrative>Downloads a specific attachment to a folder. E.g. use cases are "*.txt" or "*.docx" etc.

The Entry ID is the unique identifier used to determine which email is to be actioned.</narrative>

$$-195$$
$$-105$$
$$150$$
$$90$$

</stage>

```
<stage stageid="a8e9b1e1-4b0f-487d-89a5-6cacb4092be4" name="End" type="End">
```

<subsheetid>41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f</subsheetid>

<loginhibit/>

<narrative>

</narrative>

$$15$$
$$90$$
$$60$$
$$30$$

</stage>

```
<stage stageid="2d1786e1-24e4-45da-b52c-bffa330fb007" name="Start" type="Start">
```

<subsheetid>41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f</subsheetid>

<loginhibit/>

<narrative>

</narrative>

$$15$$
$$-135$$
$$60$$
$$30$$

<inputs>

</inputs>

<onsuccess>b1663b58-d99f-4f8e-9641-4b3db50ca615</onsuccess>

</stage>

```
<stage stageid="d2e8f631-485a-489a-8cbc-aac247d721f9" name="Folder Path" type="Data">
```

<subsheetid>41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f</subsheetid>

<narrative>

</narrative>

$$-195$$
$$15$$
$$150$$
$$30$$

<datatype>text</datatype>

<initialvalue/>

</private/>

<alwaysinit/>

</stage>

<stage stageid="d7649073-c4eb-42b1-aaa4-7c50430a5cf3" name="Entry ID" type="Data">

<subsheetid>41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f</subsheetid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

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<alwaysinit/>

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<private/>

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<alwaysinit/>

</stage>

<stage stageid="d9a607b6-73e8-49ec-b2bc-a8032c0ab747" name="Save Attachments" type="SubSheet">

<subsheetid>41e124bf-bc71-4b3c-9b3b-9f5d8b8fd79f</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions">

<input type="text" name="Folder Path" narrative="Mandatory. The destination folder path for the attachmen">

</inputs>

<onsuccess>a8e9b1e1-4b0f-487d-89a5-6cacb4092be4</onsuccess>

<processid>758f4938-75a1-4157-b0f7-2d9b99144d61</processid>

</stage>

<stage stageid="16e667f4-007c-48aa-91ad-4f253b96fc00" name="CC" type="Data">

<subsheetid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetid>

<narrative>

</narrative>

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<displayy>15</displayy>

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<private/>
<alwaysinit/>
</stage>

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<subsheetsid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsheetsid>

<narrative>

</narrative>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>
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<initialvalue/>
<private/>
<alwaysinit/>
</stage>

<stage stageid="983656a5-d686-4ef0-ab54-aa50aa32e7d5" name="Delete Email" type="SubSheetInfo">
<subsheetsid>5734e4af-7917-40d8-b0b6-83d8e1872074</subsheetsid>

<narrative>Deletes a specific email item.

The Entry ID is the unique idenfier used to determine which email is to be deleted.</narrative>

<displayx>-195</displayx>
<displayy>-105</displayy>
```

```
<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="5f395532-0166-41e3-9087-6eb241347133" name="Start" type="Start">

<subsheetid>5734e4af-7917-40d8-b0b6-83d8e1872074</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions

</inputs>

<onsuccess>29bbbbcde-f689-4200-b43b-27e7b01a3c5d</onsuccess>

</stage>

<stage stageid="a191ef9e-e78a-4de9-901b-19e7ca766c72" name="End" type="End">

<subsheetid>5734e4af-7917-40d8-b0b6-83d8e1872074</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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```

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</stage>

<stage stageid="29bbbbcde-f689-4200-b43b-27e7b01a3c5d" name="Delete" type="Code">

<subsHEETid>5734e4af-7917-40d8-b0b6-83d8e1872074</subsHEETid>

<loginhibit/>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

</inputs>

<onsuccess>a191ef9e-e78a-4de9-901b-19e7ca766c72</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

item.Delete</code>

</stage>

<stage stageid="2d8d8f32-8e9d-49fc-a345-a25e3050ecac" name="Entry ID" type="Data">

<subsHEETid>5734e4af-7917-40d8-b0b6-83d8e1872074</subsHEETid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

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<displayy>-15</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="a1dcba3a-0e74-4632-809f-7b942c719eeb" name="Reply All to Email" type="SubSheetInf

<subsheetsid>78125029-0b28-4ee1-a064-c3a9e70ad7ca</subsheetsid>

<narrative>Reply to all Emails recipients of a specific email.

The <Reply All to Email> action will only call one ID specific (Entry ID) email item.

If multiple emails are expected to be called, the process design would need to reflect that requirement.

For a list of valid Sensitivity values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olse>

For a list of valid Importance values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olir>

<displayx>-195</displayx>

<displayy>-60</displayy>

<displaywidth>150</displaywidth>

<displayheight>120</displayheight>

</stage>

<stage stageid="91e5fe6f-95fe-4c43-aac6-317ccb565fa8" name="End" type="End">

<subsheetsid>78125029-0b28-4ee1-a064-c3a9e70ad7ca</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

</stage>

<stage stageid="719856cc-820a-4771-b362-9f0d98896f7b" name="Start" type="Start">

<subsheetid>78125029-0b28-4ee1-a064-c3a9e70ad7ca</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions

<input type="text" name="Message" narrative="Mandatory, Any alphanumeric value allowed. HTML or plain

<input type="flag" name="IsHTML" narrative="Optional. True or False, default to True" stage="Message Is

<input type="number" name="Sensitivity" narrative="Optional. An integer between 0 to 3, default to 0." stag

<input type="number" name="Importance" narrative="Optional. An integer between 0 to 2, default to 1." sta

<input type="text" name="Subject" narrative="Optional. Any text entered will override the default reply subj

</inputs>

<onsuccess>a5f3fe96-39cd-4d2f-ad7f-a03fe9295f96</onsuccess>

</stage>

<stage stageid="a5f3fe96-39cd-4d2f-ad7f-a03fe9295f96" name="Reply All" type="Code">

<subsheetid>78125029-0b28-4ee1-a064-c3a9e70ad7ca</subsheetid>

<loginhibit/>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

<input type="text" name="Message" expr="[Message]"/>

<input type="flag" name="Message_Is_HTML" expr="[Message Is HTML]"/>

<input type="number" name="Sensitivity" expr="[Sensitivity]"/>

<input type="number" name="Importance" expr="[Importance]"/>

<input type="text" name="Subject" expr="[Subject]"/>

</inputs>

<onsuccess>91e5fe6f-95fe-4c43-aac6-317ccb565fa8</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

Dim reply = item.ReplyAll

If String.IsNullOrEmpty(Subject) Then

```
reply.Subject = item.Subject
```

```
Else
```

```
reply.Subject = Subject
```

```
End If
```

```
If Message_Is_HTML Then
```

```
reply.BodyFormat = 2
```

```
reply.HTMLBody = Message &amp; vbCrLf &amp; item.HTMLBody
```

```
Else
```

```
reply.BodyFormat = 1
```

```
reply.Body = Message &amp; vbCrLf &amp; item.Body
```

```
End If
```

```
If Sensitivity = Int(Sensitivity) AndAlso (Sensitivity >= 0 And Sensitivity <= 3)
```

```
reply.Sensitivity = Sensitivity
```

```
Else
```

```
reply.Sensitivity = 0
```

```
End If
```

```
If Importance = Int(Importance) AndAlso (Importance >= 0 And Importance <= 2) Then
```

```
reply.Importance = Importance
```

```
Else
```

```
reply.Importance = 1
```

```
End If
```

```
reply.Send</code>
```

```
</stage>
```

<stage stageid="c0de4880-e914-4cbd-9b40-fd4b87639b56" name="Entry ID" type="Data">

<subsheetid>78125029-0b28-4ee1-a064-c3a9e70ad7ca</subsheetid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

<displayx>-195</displayx>

<displayy>45</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="4aa3eccc-d10e-460b-96ce-82f3d86a5c36" name="Message" type="Data">

<subsheetid>78125029-0b28-4ee1-a064-c3a9e70ad7ca</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>75</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="502b5d9b-0ef4-4f7d-9e45-2740f2866f3a" name="Forward Email" type="SubSheetInfo">

<subsHEETid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsHEETid>

<narrative>Forward Email to recipients (To/CC/BCC) including (Message) as input parameters.

The <Forward Email> action will only call one ID specific (Entry ID) email item.

If multiple emails are expected to be called, the process design would need to reflect that requirement.

For a list of valid Sensitivity values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olse>

For a list of valid Importance values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olir>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>150</displayheight>

</stage>

<stage stageid="d398f6bf-9903-432b-9d08-93ca68a5ce15" name="End" type="End">

<subsHEETid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

</stage>

<stage stageid="b5542c2e-3ef3-4636-82e6-10fcb6b9f5ef" name="Entry ID" type="Data">

<subsheetsid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsheetsid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

<displayx>-195</displayx>

<displays>195</displays>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

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<alwaysinit/>

</stage>

<stage stageid="bd6ecc76-eb50-4203-95cd-c77e9fcf2ad5" name="Message" type="Data">

<subsheetsid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsheetsid>

<narrative>

</narrative>

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<displays>165</displays>

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<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="9886ff21-e65d-440d-b60a-9869153650be" name="Forward" type="Code">

<subsheetid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="To" expr="[To]"/>

<input type="text" name="CC" expr="[CC]"/>

<input type="text" name="BCC" expr="[BCC]"/>

<input type="text" name="Message" expr="[Message]"/>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

<input type="flag" name="Message_Is_HTML" expr="[Message Is HTML]"/>

<input type="number" name="Sensitivity" expr="[Sensitivity]"/>

<input type="number" name="Importance" expr="[Importance]"/>

<input type="text" name="Subject" expr="[Subject]"/>

</inputs>

<onsuccess>d398f6bf-9903-432b-9d08-93ca68a5ce15</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

Dim mail = item.Forward

Dim addressCount As Integer

If [To] <> "" Then

Dim toAddresses = Split([To], ";")

For addressCount = LBound(toAddresses) To UBound(toAddresses)

Dim recipient = mail.Recipients.Add(toAddresses(addressCount))

recipient.Resolve

If recipient.Resolved Then recipient.Type = OlMailRecipientType.olTo

Next

End If

If CC <> "" Then

Dim ccAddresses = Split([CC], ";")

addressCount = 0

For addressCount = LBound(ccAddresses) To UBound(ccAddresses)

Dim recipient = mail.Recipients.Add(ccAddresses(addressCount))

recipient.Resolve

If recipient.Resolved Then recipient.Type = OlMailRecipientType.olCC

Next

End If

If BCC <> "" Then

Dim bccAddresses = Split([BCC], ";")

addressCount = 0

For addressCount = LBound(bccAddresses) To UBound(bccAddresses)

Dim recipient = mail.Recipients.Add(bccAddresses(addressCount))

recipient.Resolve

If recipient.Resolved Then recipient.Type = OlMailRecipientType.olBCC

Next

End If

With mail

.Importance = If(Int(Importance) AndAlso (Importance >= 0 And Importance <= 2), Importance, 1)

.Sensitivity = If(Sensitivity = Int(Sensitivity) AndAlso (Sensitivity >= 0 And Sensitivity <= 3), Sensitivity

.Subject = If(String.IsNullOrEmpty(Subject), .Subject, "FW: " & Subject)

.BodyFormat = If(Message_Is_HTML, 2, 1)

.HTMLBody = Message & .HTMLBody

.Save

.Send

End With</code>

</stage>

<stage stageid="9a9158e0-2caf-4e8b-8277-bcfa3f0b8565" name="To" type="Data">

<subsheetid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsheetid>

<loginhibit/>

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</narrative>

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<stage stageid="fba137b6-ad3b-48a5-b887-6302a10956ec" name="CC" type="Data">

<subsheetsid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsheetsid>

<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="d683ac76-a352-4994-89a5-d8a249f84648" name="BCC" type="Data">

<subsheetsid>9bf4e24d-5759-4357-97f1-adc1c08c843a</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

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</narrative>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions

<input type="text" name="To" narrative="Mandatory. Any alphanumeric value allowed. Single Recipient = &

<input type="text" name="CC" narrative="Optional. Any alphanumeric value allowed. Single Recipient = &a

<input type="text" name="BCC" narrative="Optional. Any alphanumeric value allowed. Single Recipient = &

<input type="text" name="Message" narrative="Mandatory, Any alphanumeric value allowed. HTML or plain

<input type="flag" name="IsHTML" narrative="Optional. True or False, default to True" stage="Message Is

<input type="number" name="Sensitivity" narrative="Optional. An integer between 0 to 3, default to 0." stag

<input type="number" name="Importance" narrative="Optional. An integer between 0 to 2, default to 1." sta

<input type="text" name="Subject" narrative="Optional. Any text entered will override the default forwarding

</inputs>

<onsuccess>9886ff21-e65d-440d-b60a-9869153650be</onsuccess>

</stage>

<stage stageid="c36190da-7569-4737-a401-bec5b006c53f" name="Start" type="Start">

<subsHEETid>e0b58522-643b-42ad-8fdd-4cb5246c5558</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="To" narrative="Mandatory. Any alphanumeric value allowed. Single Recipient = &

<input type="text" name="CC" narrative="Optional. Any alphanumeric value allowed. Single Recipient = &a

<input type="text" name="BCC" narrative="Optional. Any alphanumeric value allowed. Single Recipient = &

<input type="text" name="Subject" narrative="Optional. Any alphanumeric value allowed." stage="Subject"

<input type="text" name="Message" narrative="Optional, HTML or plain text" stage="Message"/>

<input type="text" name="Attachments" narrative="Optional, Semicolon--separated file paths. Default blank

<input type="flag" name="IsHTML" narrative="Optional. True or False, default to True" stage="Message Is

<input type="number" name="Sensitivity" narrative="Optional. An integer between 0 and 3, default to 0." st

<input type="number" name="Importance" narrative="Optional. An integer between 0 and 2 default to 1." s

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

</inputs>

<onsuccess>79296089-edc5-4338-bf95-6734ad47825d</onsuccess>

</stage>

<stage stageid="6e74a6d0-d073-418d-bcee-5efe9f5733bb" name="Sub Folder" type="Data">

<subsHEETid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsHEETid>

<narrative>

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</narrative>

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<displayy>45</displayy>

<displaywidth>150</displaywidth>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="df4f0bad-ced5-4315-8edc-e3138d7a7123" name="Sub Folder" type="Data">

<subsheetsid>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheetsid>

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</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="80516df7-3359-4f2c-8547-9312e5b237c2" name="Items" type="Collection">

<subsheetsid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</subsheetsid>
```

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>195</displayy>

<displaywidth>150</displaywidth>

<displayheight>60</displayheight>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="EntryID" type="text" description="The mail ID. NB this is different from the Mapiex ID."/>

<field name="To" type="text" description="The display name of the recipient(s)"/>

<field name="CC" type="text" description="The display name of the copied recipient(s)"/>

<field name="Subject" type="text" description="The mail subject line"/>

<field name="Body" type="text" description="The mail message"/>

<field name="Attachments" type="text" description="The names of the attachments as a CSV string"/>

<field name="ReceivedOn" type="datetime" description="The date an incoming mail was received"/>

<field name="SentOn" type="datetime" description="The date an outgoing mail was sent"/>

<field name="SenderName" type="text" description="The display name of the sender"/>

<field name="SenderEmailAddress" type="text" description="The email of the sender"/>

<field name="Unread" type="flag" description="True if an incoming mail has not been read, otherwise False"/>

<field name="Sensitivity" type="number" description="Sensitivity of an email"/>

<field name="Importance" type="number" description="Importance of an email"/>

<field name="Flag" type="text" description="Flag status of an email"/>

<field name="IsHTML" type="flag" description="True if an email is in HTML"/>

</collectioninfo>

```
</stage>

<stage stageid="88475529-0d3e-40b9-8ead-79cedfbdf8c6" name="End" type="End">

<subsheetid>43fde12c-9d96-4cdd-a342-88204c037438</subsheetid>

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<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

</stage>

<stage stageid="87fa8e80-f1f1-4329-8256-0224c2a2164c" name="End" type="End">

<subsheetid>f28aad59-a89a-4a9c-98ab-d31d6b69d9a5</subsheetid>

<loginhibit/>

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<outputs>
```

```
<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>
<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co
</outputs>
</stage>
<stage stageid="93f4c073-8a54-4ee0-9b01-776c516fec9d" name="Reply to Email" type="SubSheetInfo">
<subsheetsid>f6f16944-bdad-4ff4-a5df-b687b904183c</subsheetsid>
<narrative>Reply to Email sender of a specific email.
```

The <Reply to Email> action will only call one ID specific (Entry ID) email item.

If multiple emails are expected to be called, the process design would need to reflect that requirement.

For a list of valid Sensitivity values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olse>

For a list of valid Importance values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.olir>

```
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<displayy>-60</displayy>
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</stage>
<stage stageid="7273229e-a2d0-4468-a343-efaf656b1598" name="End" type="End">
<subsheetsid>f6f16944-bdad-4ff4-a5df-b687b904183c</subsheetsid>
<loginhibit/>
<narrative>
</narrative>
<displayx>15</displayx>
```



```
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</stage>

<stage stageid="f68ab080-2e34-44d9-93af-67409139a21d" name="Start" type="Start">

<subsheetid>f6f16944-bdad-4ff4-a5df-b687b904183c</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions

<input type="text" name="Message" narrative="Mandatory, Any alphanumeric value allowed. HTML or plain

<input type="flag" name="IsHTML" narrative="Optional. True or False, default to True" stage="Message Is

<input type="number" name="Sensitivity" narrative="Optional. An integer between 0 to 3, default to 0." stag

<input type="number" name="Importance" narrative="Optional. An integer between 0 to 3, default to 1." sta

<input type="text" name="Subject" narrative="Optional. Any text entered will override the default reply subj

</inputs>

<onsuccess>52a97793-74c5-49d7-b4fc-55d03d5b81a2</onsuccess>

</stage>

<stage stageid="52a97793-74c5-49d7-b4fc-55d03d5b81a2" name="Reply" type="Code">

<subsheetid>f6f16944-bdad-4ff4-a5df-b687b904183c</subsheetid>
```

<loginhibit/>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

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<inputs>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

<input type="text" name="Message" expr="[Message]"/>

<input type="flag" name="Message_Is_HTML" expr="[Message Is HTML]"/>

<input type="number" name="Sensitivity" expr="[Sensitivity]"/>

<input type="number" name="Importance" expr="[Importance]"/>

<input type="text" name="Subject" expr="[Subject]"/>

</inputs>

<onsuccess>7273229e-a2d0-4468-a343-efaf656b1598</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

Dim reply = item.Reply

If String.IsNullOrEmpty(Subject) Then

reply.Subject = item.Subject

Else

reply.Subject = Subject

End If

If Message_Is_HTML Then

reply.BodyFormat = 2

reply.HTMLBody = Message &vbCrLf &item.HTMLBody

Else

reply.BodyFormat = 1

reply.Body = Message &vbCrLf &item.Body

End If

If Sensitivity = Int(Sensitivity) AndAlso (Sensitivity >= 0 And Sensitivity <= 3)

reply.Sensitivity = Sensitivity

Else

reply.Sensitivity = 0

End If

If Importance = Int(Importance) AndAlso (Importance >= 0 And Importance <= 2) Then

reply.Importance = Importance

Else

reply.Importance = 1

End If

reply.Send

</code>

</stage>

<stage stageid="b129ab89-df26-4975-a3b1-30127f6e78af" name="Entry ID" type="Data">

<subsheetsid>f6f16944-bdad-4ff4-a5df-b687b904183c</subsheetsid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

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<alwaysinit/>

</stage>

<stage stageid="34d6dbc0-3597-4b72-8a65-5a90f164b75a" name="Message" type="Data">

<subsheetsid>f6f16944-bdad-4ff4-a5df-b687b904183c</subsheetsid>

<narrative>

</narrative>

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<alwaysinit/>

</stage>

<stage stageid="da3ecbf5-d75b-47d2-90f4-fa09e80b656b" name="Move Email to Inbox Sub Folder" type="Data">

<subsheetsid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetsid>

<narrative>Moves an email to a subfolder within the inbox folder.

The Entry ID is the unique idenfier used to determine which email is to be moved.

Example

Inbox to Inbox\SubFolder </narrative>

<displayx>-180</displayx>

<displayy>-60</displayy>

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<displayheight>120</displayheight>

</stage>

<stage stageid="9033fc52-da65-4e8d-92a5-b67a33a0379a" name="Start" type="Start">

<subsheetid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions

<input type="text" name="Destination Folder" narrative="Mandatory. Any alphanumeric value valid. The Su

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account t

</inputs>

<onsuccess>3fa82add-9fd2-4264-8fbe-02536dae2237</onsuccess>

```
</stage>

<stage stageid="5461bd38-d7d7-4a3c-b23b-35857aa8a5ef" name="End" type="End">

<subsheetid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<outputs>

<output type="text" name="New Entry ID" narrative="Returns the new Entry ID from the Moved Email Object" />

</outputs>

</stage>

<stage stageid="3fa82add-9fd2-4264-8fbe-02536dae2237" name="Move" type="Code">

<subsheetid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetid>

<loginhibit/>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

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<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

<input type="text" name="Destination Folder" expr="[Destination Folder]"/>
```

```
<input type="text" name="Outlook Folder ID" expr="[Outlook Folder ID]"/>
```

```
<input type="text" name="Account Display Name" expr="[Account Display Name]"/>
```

```
</inputs>
```

```
<outputs>
```

```
<output type="text" name="New Entry ID" stage="New Entry ID"/>
```

```
</outputs>
```

```
<onsuccess>5461bd38-d7d7-4a3c-b23b-35857aa8a5ef</onsuccess>
```

```
<code>Dim app = CreateObject("Outlook.Application")
```

```
Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")
```

```
Dim folder As Folder
```

```
Dim item = _nameSpace.GetItemFromID(Entry_ID)
```

```
If Not String.IsNullOrEmpty(Account_Display_Name) Then
```

```
Try
```

```
Dim aa As List(Of Account) = _nameSpace.Accounts.Cast(Of Account).ToList()
```

```
folder = aa.Where(Function(x) x.DisplayName = Account_Display_Name).FirstOrDefault().DeliveryStore.G
```

```
Catch ex As System.Exception
```

```
Dim ex1 As New System.Exception(VbCrLf + "Failed to retrieve default folder for Account Display Name " +
```

```
Throw ex1
```

```
End Try
```

```
Else
```

```
folder = _nameSpace.GetDefaultFolder(Outlook_Folder_ID)
```

```
End If
```

```
If Destination_Folder <&gt; "" Then
```

```
For each name as string in Destination_Folder.Split("\")
```

Try

folder = folder.Folders(name)

Catch ex As System.Exception

Dim ex1 As New System.Exception(VbCrLf + "Failed to locate folder '" + name + "'" + vbCrLf + ex.Message)

Throw ex1

End Try

Next

End If

New_Entry_ID = item.Move(folder).EntryID</code>

</stage>

<stage stageid="18da11cb-f313-4820-b7e7-8c9bd6f12675" name="Entry ID" type="Data">

<subsheetsid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetsid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

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</stage>

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<subsheetsid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetsid>

<narrative>MS Outlook - OlDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>


```
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</stage>

<stage stageid="9d9afabb-e65b-471a-8a66-913480436037" name="Destination Folder" type="Data">

<subsheetsid>61b6fc18-b98a-4456-9381-8c8cfe9f6f60</subsheetsid>

<narrative>

</narrative>

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</stage>

<stage stageid="aa9964be-3e71-4206-88f6-74e09c1f1415" name="File Name" type="Data">

<subsheetsid>2e6fb66c-9607-4731-829c-e3dfd4510a95</subsheetsid>

<narrative>
```

</narrative>

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</stage>

<stage stageid="30cb5e90-86c2-4790-9204-89ddbd70d778" name="Get Sent Items (Basic)" type="SubSh

<subsheetsid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetsid>

<narrative>Lists Sent Items matching the parameters provided</narrative>

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</stage>

<stage stageid="b4070f66-8405-4c2f-87f1-4d34a75561b8" name="Start" type="Start">

<subsheetsid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-105</displayy>

```
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<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Sent To" narrative="Optional. The To display name, which might be a name (eg ,
<input type="text" name="Copied To" narrative="Optional. The CC display name, which might be a name (
<input type="datetime" name="Sent Earliest" narrative="Optional. The earliest date to search from." stage=
<input type="datetime" name="Sent Latest" narrative="Optional. The latest date to search to." stage="Sent
<input type="text" name="Subject" narrative="Optional. Asterisk wildcard permitted, eg *Project Update for
<input type="text" name="Message" narrative="Optional. Asterisk wildcard permitted, eg *Blue Prism*" stag
<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.
<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att
</inputs>

<onsuccess>69a5f33d-acd2-4bb9-9d2b-069cfc7fc32c</onsuccess>

</stage>

<stage stageid="905b5da3-5ab3-4c57-8c5f-33ed85e5c4a8" name="Item Count" type="Data">

<subsheetsid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetsid>

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<private/>
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</stage>

<stage stageid="97127f0f-f77c-4b85-9c18-18e6556fbfa4" name="Outlook Folder ID" type="Data">

<subsheetid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetid>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="5097438d-04b5-4688-9fd5-c93dbe0d26c4" name="Internal_Get Items" type="SubSheet">

<subsheetid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="number" name="Outlook Folder ID" narrative="Mandatory. Google OIDefaultFolders Enumera
```

```
<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu
<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." e
<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.
<input type="text" name="Shared Mailbox" friendlyname="Shared Mailbox" narrative="Optional. Share Mai

</inputs>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>
<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

<onsuccess>20b10fc6-ced8-4cf1-b991-19fbff8e181a</onsuccess>

<processid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</processid>

</stage>

<stage stageid="20b10fc6-ced8-4cf1-b991-19fbff8e181a" name="End" type="End">

<subsheetsid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetsid>

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<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>
<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

</stage>
```

```
<stage stageid="2fc294dd-0be1-48ae-85b7-f811d7015b19" name="Filter Expression" type="Data">
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<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="29639c3b-dcc7-4427-bc90-57319d2ae6e8" name="Sent Earliest" type="Data">
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<narrative>

</narrative>

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<private/>

<alwaysinit/>
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</stage>

<stage stageid="28d1cc10-ae57-4ea2-b01c-b9a8bded12ad" name="Sent Latest" type="Data">

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<narrative>

</narrative>

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<stage stageid="a3d2888f-df21-47e3-8405-7f6f4564a71b" name="Clean" type="Calculation">

<subsheetsid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetsid>

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<onsuccess>5097438d-04b5-4688-9fd5-c93dbe0d26c4</onsuccess>

<calculation expression="&quot;@SQL=&quot;&quot;&quot;Trim(Mid([Filter Expression], 6, Len([F
```

```
</stage>

<stage stageid="b1ccbeb8-4c66-4932-a81f-c8c55c156731" name="Copied To" type="Data">

<subsheetid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetid>

<narrative>

</narrative>

<displayx>225</displayx>

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</stage>

<stage stageid="67f7a5fe-f2d5-480e-be1c-6a18d5a79508" name="Sent To" type="Data">

<subsheetid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetid>

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<private/>
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<alwaysinit/>

</stage>

<stage stageid="8c54a3bb-1c08-4f3e-9ab2-3ceae0478554" name="Get Received Items (Basic)" type="SubSheet">

<subsheetid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetid>

<narrative>Lists Inbox items matching the parameters provided</narrative>

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</stage>

<stage stageid="b5946711-b185-44bd-b97e-cfe91f9b05a2" name="Item Count" type="Data">

<subsheetid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetid>

<narrative>

</narrative>

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</stage>

<stage stageid="32bea08c-862f-440c-bc83-c05ca252286c" name="Internal_Get Items" type="SubSheet">

<subsheetid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetid>
```

```
<loginhibit/>

<narrative>

</narrative>

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<inputs>

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<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu" />

<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." />

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account." />

<input type="text" name="Shared Mailbox" friendlyname="Shared Mailbox" narrative="Optional. Share Mailbox name." />

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<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items" />

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Count" />

</outputs>

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<input type="datetime" name="Received Earliest" narrative="Optional. The earliest date to search from." st

<input type="datetime" name="Received Latest" narrative="Optional. The latest date to search to." stage="

<input type="text" name="Subject" narrative="Optional. Asterisk wildcard permitted, eg *Project Update for

<input type="text" name="Message" narrative="Optional. Asterisk wildcard permitted, eg *Blue Prism*" stag

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<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att

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</stage>

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<narrative>Lists Sent Items matching the filter provided.

Eg1 [Subject]='Exception Report'

Eg2 [To]='Mike Colleague' OR [To]='Mike Coworker'

See <https://msdn.microsoft.com/en-us/vba/outlook-vba/articles/items-restrict-method-outlook></narrative>

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<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att

</inputs>

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</stage>

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<subsheetid>d9c8a6c7-f973-45af-b333-8166a34297c7</subsheetid>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

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<initialvalue>5</initialvalue>

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```
<alwaysinit/>

</stage>

<stage stageid="86fdf439-537b-402e-bf87-83a0aa0186aa" name="Internal_Get Items" type="SubSheet">

<subsheetid>d9c8a6c7-f973-45af-b333-8166a34297c7</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="Outlook Folder ID" narrative="Mandatory. Google OIDefaultFolders Enumera

<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu

<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." e

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" friendlyname="Shared Mailbox" narrative="Optional. Share Mai

</inputs>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

<onsuccess>9be25db3-9033-4941-81dc-97124e0e4917</onsuccess>

<processid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</processid>

</stage>

<stage stageid="9be25db3-9033-4941-81dc-97124e0e4917" name="End" type="End">
```

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<loginhibit/>

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</narrative>

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<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

</stage>

<stage stageid="f223606b-95bb-4058-9217-4ed244648a97" name="Filter Expression" type="Calculation">

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</narrative>

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<onsuccess>b846e5cd-ed99-489e-9671-08f3d63a07ff</onsuccess>

<calculation expression="[Filter Expression]&&" AND urn:schemas:httpmail:datereceive

</stage>

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<stage stageid="020266f4-5352-4942-9ca5-2b5b2c28ba9e" name="Earliest?" type="Decision">

<subsHEETid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsHEETid>

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<decision expression="IsDate([Received Earliest])"/>

<ontrue>f223606b-95bb-4058-9217-4ed244648a97</ontrue>

<onfalse>b846e5cd-ed99-489e-9671-08f3d63a07ff</onfalse>

</stage>

<stage stageid="b846e5cd-ed99-489e-9671-08f3d63a07ff" name="Latest" type="Decision">

<subsHEETid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsHEETid>

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</narrative>

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<decision expression="IsDate([Received Latest])"/>

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<onfalse>4d51e55a-9744-4090-b1d2-83bc995adeb5</onfalse>
```

```
</stage>

<stage stageid="46ee2d04-b46b-4315-bd1a-abadb043b648" name="Filter Expression" type="Calculation">

<subsheetsid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetsid>

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<onsuccess>4d51e55a-9744-4090-b1d2-83bc995adeb5</onsuccess>

<calculation expression="[Filter Expression]&amp;&amp;&quot; AND urn:schemas:httpmail:datereceive

</stage>

<stage stageid="dd6e1514-fd6a-4d97-905d-55b4c8076300" name="Include Unread" type="Data">

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</narrative>

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<datatype>flag</datatype>

<initialvalue>True</initialvalue>

<private/>

<alwaysinit/>
```



```
</stage>

<stage stageid="4931c0a2-5942-4727-aa8e-c354a58dc3d9" name="Include Read" type="Data">

<subsheetsid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetsid>

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</narrative>

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<initialvalue>True</initialvalue>

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<alwaysinit/>

</stage>

<stage stageid="4d51e55a-9744-4090-b1d2-83bc995adeb5" name="Unread Only?" type="Decision">

<subsheetsid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<decision expression="[Include Unread]=True AND [Include Read]=False"/>

<ontrue>b7a34496-b13f-4bf8-a6ed-b14f0dbbfdb9</ontrue>
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<onfalse>1d38891a-a1cf-47ac-952b-2e4f9879a947</onfalse>

</stage>

<stage stageid="1d38891a-a1cf-47ac-952b-2e4f9879a947" name="Read Only?" type="Decision">

<subsheetid>a2bc0172-492f-4781-b7ed-1f1d550da3ba</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>225</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<decision expression="[Include Read]=True AND [Include Unread]=False"/>

<ontrue>9ec12e81-08b4-4b01-a8ea-02ed52fafbf6</ontrue>

<onfalse>b8b8afa2-e3b6-490d-b4d1-b636fc831a96</onfalse>

</stage>

<stage stageid="9ec12e81-08b4-4b01-a8ea-02ed52fafbf6" name="Filter Expression" type="Calculation">

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</narrative>

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<displaywidth>60</displaywidth>

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<onsuccess>59dcb54a-0ca1-49a8-9543-3581d721886e</onsuccess>

```
<calculation expression="[Filter Expression]&amp;&amp;&quot; AND urn:schemas:httpmail:read=1&am
</stage>

<stage stageid="b8b8afa2-e3b6-490d-b4d1-b636fc831a96" name="Anchor1" type="Anchor">

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</stage>

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</stage>

<stage stageid="59dcb54a-0ca1-49a8-9543-3581d721886e" name="Anchor1" type="Anchor">
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<loginhibit/>

<narrative>

</narrative>

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<onsuccess>cf1214bb-b7fd-4fec-ab0b-dde176bcca9a</onsuccess>

</stage>

<stage stageid="fd8830ea-eced-4fa2-8bbb-3537fca5a68b" name="Get Received Items (Expert)" type="Su

<subsHEETid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsHEETid>

<narrative>Lists Inbox Items matching the filters provided.

Eg1 @SQL=urn:schemas:httpmail:fromname='Mike Colleague' AND urn:schemas:httpmail:read=0

Eg2 @SQL=urn:schemas:httpmail:fromname='The Boss' AND urn:schemas:httpmail:subject LIKE '%Urgen

See <https://msdn.microsoft.com/en-us/vba/outlook-vba/articles/items-restrict-method-outlook></narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

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<stage stageid="fcb20265-28c5-415d-a083-d217916df151" name="Start" type="Start">

<subsHEETid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="DASL Query" narrative="Mandatory. A filter using a DASL query, eg @SQL=urn

<input type="text" name="Sub Folder" narrative="Optional. Any alphanumeric value valid. The Subfolder in

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" narrative="Optional. Share Mailbox name or email address. Att

</inputs>

<onsuccess>4828b977-8cfe-494b-9d2a-5ac65c8b6834</onsuccess>

</stage>

<stage stageid="b0aadff2-6a6a-4209-aea3-5c4ad4d2161d" name="Item Count" type="Data">

<subsHEETid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsHEETid>

<narrative>

</narrative>

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<datatype>number</datatype>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="ea0ad1b6-12ef-43fb-b290-11b329c2ca27" name="Filter Expression" type="Data">

<subsheetsid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsheetsid>

<narrative>

</narrative>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="ef288d41-1da1-46bc-ad92-e063e9e51137" name="Outlook Folder ID" type="Data">

<subsheetsid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsheetsid>

<narrative>Google OIDefaultFolders Enumeration, 6 = Inbox, 5 = Sent</narrative>

<displayx>-195</displayx>

<displayy>-15</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>number</datatype>

```
<initialvalue>6</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4828b977-8cfe-494b-9d2a-5ac65c8b6834" name="Internal_Get Items" type="SubSheet">

<subsheetid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="Outlook Folder ID" narrative="Mandatory. Google OIDefaultFolders Enumera

<input type="text" name="Filter Expression" narrative="Mandatory. A MAPI filter, eg [From]='Mike Colleagu

<input type="text" name="Sub Folder" narrative="Optional, default blank. The inbox sub folder to look in." e

<input type="text" name="Account Display Name" narrative="Optional. DisplayName of the email account.

<input type="text" name="Shared Mailbox" friendlyname="Shared Mailbox" narrative="Optional. Share Mai

</inputs>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

<onsuccess>829daa3f-c9ac-41b0-b6c9-39caf538c87e</onsuccess>

<processid>fb0dd28d-2875-4ec6-b6d5-475120ac222c</processid>
```

```
</stage>

<stage stageid="829daa3f-c9ac-41b0-b6c9-39caf538c87e" name="End" type="End">

<subsheetid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsheetid>

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<narrative>

</narrative>

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<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<outputs>

<output type="collection" name="Items" narrative="Details of items matching the filter" stage="Items"/>

<output type="number" name="Item Count" narrative="Number of items matching the filter" stage="Item Co

</outputs>

</stage>

<stage stageid="d2fdf5b2-86dd-4f37-86cb-4bc8cc7b80b9" name="Sub Folder" type="Data">

<subsheetid>ea004198-e1fb-44bc-b549-bf8f7fa06631</subsheetid>

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</narrative>

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```
<private/>

<alwaysinit/>

</stage>

<stage stageid="c56f0cd2-e7f6-4a5d-a859-901d8bd2b9a1" name="Mark Email As Read" type="SubSheet">

<subsheetid>204201c2-30d3-467a-b6fb-4e0010b046af</subsheetid>

<narrative>Marks a specific email as read.
```

The Entry ID is the unique identifier used to determine which email is to be marked.</narrative>

```
<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

</stage>
```

```
<stage stageid="649120fc-a08c-44c6-949e-01c69a4c4d56" name="Start" type="Start">

<subsheetid>204201c2-30d3-467a-b6fb-4e0010b046af</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions">

</inputs>
```

```
<onsuccess>55267a5b-cc4a-4cc5-b141-a7c9a032924a</onsuccess>

</stage>

<stage stageid="af27f0d8-4b35-4ebb-a259-04758f73dcc3" name="End" type="End">

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<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="55267a5b-cc4a-4cc5-b141-a7c9a032924a" name="Mark Read" type="Code">

<subsheetid>204201c2-30d3-467a-b6fb-4e0010b046af</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

</inputs>

<onsuccess>af27f0d8-4b35-4ebb-a259-04758f73dcc3</onsuccess>
```

```
<code>Dim app = CreateObject("Outlook.Application")
```

```
Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")
```

```
Dim item = _nameSpace.GetItemFromID(Entry_ID)
```

```
item.Unread = False</code>
```

```
</stage>
```

```
<stage stageid="84646f19-6d1f-4d92-a977-3058f4c582ff" name="Entry ID" type="Data">
```

```
<subsheetid>204201c2-30d3-467a-b6fb-4e0010b046af</subsheetid>
```

```
<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>
```

```
<displayx>-195</displayx>
```

```
<displayy>-15</displayy>
```

```
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```

```
<displayheight>30</displayheight>
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<datatype>text</datatype>
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```
<initialvalue/>
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```
<private/>
```

```
<alwaysinit/>
```

```
</stage>
```

```
<stage stageid="1b9646e7-1b30-4f67-833a-3121344437ab" name="Mark Email As Unread" type="SubShe
```

```
<subsheetid>2d1820f0-98e4-4a10-8361-8f5322babcee</subsheetid>
```

```
<narrative>Marks a specific email as unread.
```

```
The Entry ID is the unique idenfier used to determine which email is to be marked.</narrative>
```

```
<displayx>-195</displayx>
```

```
<displayy>-105</displayy>
```

```
<displaywidth>150</displaywidth>
```

<displayheight>90</displayheight>

</stage>

<stage stageid="4868521a-c295-4724-960a-b8a60dceae6c" name="Start" type="Start">

<subsHEETid>2d1820f0-98e4-4a10-8361-8f5322babcee</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Entry ID" narrative="Mandatory. An ID obtained from one of the Get Item actions"

</inputs>

<onsuccess>cdd6c065-c7eb-4ee3-b50c-48dddee9a3aa</onsuccess>

</stage>

<stage stageid="2b8b0ae1-c806-485b-9b87-0875c17ba062" name="End" type="End">

<subsHEETid>2d1820f0-98e4-4a10-8361-8f5322babcee</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

</stage>

<stage stageid="cdd6c065-c7eb-4ee3-b50c-48dddee9a3aa" name="Mark Unread" type="Code">

<subsheetid>2d1820f0-98e4-4a10-8361-8f5322babcee</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Entry ID" expr="[Entry ID]"/>

</inputs>

<onsuccess>2b8b0ae1-c806-485b-9b87-0875c17ba062</onsuccess>

<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

item.Unread = True</code>

</stage>

<stage stageid="9e08a8d3-4d6c-49e8-856f-664eb6e5e175" name="Entry ID" type="Data">

<subsheetid>2d1820f0-98e4-4a10-8361-8f5322babcee</subsheetid>

<narrative>An ID obtained from one of the Get Item actions in this object.</narrative>

<displayx>-195</displayx>

<displayy>-15</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="7643fd53-5368-45a9-8412-89b5d574c204" name="Items" type="Collection">

<subsheetsid>7aafcecd-5e8f-49d4-9987-73958f3cedc3</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>165</displayy>

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<displayheight>60</displayheight>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="EntryID" type="text" description="The mail ID. NB this is different from the Mapiex ID."/>

<field name="To" type="text" description="The display name of the recipient(s)"/>

<field name="CC" type="text" description="The display name of the copied recipient(s)"/>

<field name="Subject" type="text" description="The mail subject line"/>

<field name="Body" type="text" description="The mail message"/>

<field name="Attachments" type="text" description="The names of the attachments as a CSV string"/>

<field name="ReceivedOn" type="datetime" description="The date an incoming mail was received"/>
<field name="SentOn" type="datetime" description="The date an outgoing mail was sent"/>
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<field name="SenderEmailAddress" type="text" description="The email of the sender"/>
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<narrative>API functions provided for the advanced filter expressions:

BCC = Returns a String representing the display list of blind carbon copy (BCC) names for a MailItem. Read-only.

Body = Returns or sets a String representing the clear-text body of the Outlook item. Read/write.

CC = Returns a String representing the display list of carbon copy (CC) names for a MailItem . Read/write.

CreationTime = Returns a Date indicating the creation time for the Outlook item. Read-only.

EntryID = Returns a String representing the unique Entry ID of the object. Read-only.

HTMLBody = Returns or sets a String representing the HTML body of the specified item. Read/write.

ReceivedTime = Returns a Date indicating the date and time at which the item was received. Read-only.

SenderEmailAddress = Returns a String that represents the e-mail address of the sender of the Outlook item. Read-only.

SenderName = Returns a String indicating the display name of the sender for the Outlook item. Read-only.

SentOn = Returns a Date indicating the date and time on which the Outlook item was sent. Read-only.

Subject = Returns or sets a String indicating the subject for the Outlook item. Read/write.

To = Returns or sets a semicolon-delimited String list of display names for the To recipients for the Outlook item. Read/write.

UnRead = Returns or sets a Boolean value that is True if the Outlook item has not been opened (read). Read/write.

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<loginhibit/>

<narrative>Supported API DASL filters expressions:

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urn:schemas:httpmail:bcc

urn:schemas:httpmail:cc

urn:schemas:httpmail:date

urn:schemas:httpmail:datereceived

urn:schemas:httpmail:displaycc

urn:schemas:httpmail:displayto

urn:schemas:httpmail:from

urn:schemas:httpmail:fromemail

urn:schemas:httpmail:fromname

urn:schemas:httpmail:hasattachment

urn:schemas:httpmail:importance

urn:schemas:httpmail:senderemail

urn:schemas:httpmail:sendername

urn:schemas:httpmail:subject

urn:schemas:httpmail:submitted

urn:schemas:httpmail:textdescription

urn:schemas:httpmail:to

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<loginhibit/>

<narrative>API functions provided for the advanced filter expressions:

BCC = Returns a String representing the display list of blind carbon copy (BCC) names for a MailItem. Read-only.

Body = Returns or sets a String representing the clear-text body of the Outlook item. Read/write.

CC = Returns a String representing the display list of carbon copy (CC) names for a MailItem . Read/write.

CreationTime = Returns a Date indicating the creation time for the Outlook item. Read-only.

EntryID = Returns a String representing the unique Entry ID of the object. Read-only.

HTMLBody = Returns or sets a String representing the HTML body of the specified item. Read/write.

ReceivedTime = Returns a Date indicating the date and time at which the item was received. Read-only.

SenderEmailAddress = Returns a String that represents the e-mail address of the sender of the Outlook item.

SenderName = Returns a String indicating the display name of the sender for the Outlook item. Read-only.

SentOn = Returns a Date indicating the date and time on which the Outlook item was sent. Read-only.

Subject = Returns or sets a String indicating the subject for the Outlook item. Read/write.

To = Returns or sets a semicolon-delimited String list of display names for the To recipients for the Outlook item. Read/write.

UnRead = Returns or sets a Boolean value that is True if the Outlook item has not been opened (read). Read/write.

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<loginhibit/>

<narrative>Supported API DASL filters expressions:

urn:schemas:httpmail:attachmentfilename

urn:schemas:httpmail:bcc

urn:schemas:httpmail:cc

urn:schemas:httpmail:date

urn:schemas:httpmail:datereceived

urn:schemas:httpmail:displaycc

urn:schemas:httpmail:displayto

urn:schemas:httpmail:from

urn:schemas:httpmail:fromemail

urn:schemas:httpmail:fromname

</stage>

<stage stageid="80208144-c05c-4b32-bd6a-de8320da32e5" name="New Entry ID" type="Data">

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<subsHEETid>bca6ce7c-1d99-4e01-8f69-55a1b2e74904</subsHEETid>

<narrative>Flag Email for follow-up.

For a list of valid MarkInterval values, please see <https://docs.microsoft.com/en-us/office/vba/api/outlook.ol>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

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<input type="number" name="MarkInterval" narrative="Optional. An integer between 0 to 5, default to 0." st

</inputs>

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</stage>

<stage stageid="a7379a45-a2eb-4de3-982a-96d1805c6c1d" name="End" type="End">

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<narrative>Clear any flag on the mail item</narrative>

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<loginhibit/>

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<inputs>

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<input type="number" name="MarkInterval" expr="[MarkInterval]"/>

</inputs>

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<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

If MarkInterval = Int(MarkInterval) AndAlso (MarkInterval >= 0 And MarkInterval <= 5)

item.MarkAsTask(MarkInterval)

Else

item.MarkAsTask(0)

End If

item.Save</code>

</stage>

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<code>Dim app = CreateObject("Outlook.Application")

Dim _nameSpace As Microsoft.Office.Interop.Outlook.NameSpace = app.GetNameSpace("MAPI")

Dim item = _nameSpace.GetItemFromID(Entry_ID)

item.ClearTaskFlag()

item.Save</code>

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</narrative>

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<loginhibit/>

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<loginhibit/>

<narrative>Optional. DisplayName of the email account. Default account is used if omitted.</narrative>

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<loginhibit/>

<narrative>Optional. DisplayName of the email account. Default account is used if omitted.</narrative>

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<narrative>Optional. DisplayName of the email account. Default account is used if omitted.</narrative>

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<loginhibit/>

<narrative>Optional. DisplayName of the email account. Default account is used if omitted.</narrative>

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<narrative>Optional. Share Mailbox name or email address. Attempt to call Shared Mailbox is only initiated

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<narrative>Optional. Share Mailbox name or email address. Attempt to call Shared Mailbox is only initiated

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<narrative>Optional. Share Mailbox name or email address. Attempt to call Shared Mailbox is only initiated

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<narrative>Optional. Share Mailbox name or email address. Attempt to call Shared Mailbox is only initiated

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<narrative>Optional. Share Mailbox name or email address. Attempt to call Shared Mailbox is only initiated

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<narrative>Optional. Share Mailbox name or email address. Attempt to call Shared Mailbox is only initiated

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<private/>

<alwaysinit/>

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</view>

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</narrative>

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</stage>

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<loginhibit/>

<narrative>

</narrative>

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<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

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<import>System</import>

<import>System.Drawing</import>

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<import>System.Collections.Generic</import>

<import>Microsoft.VisualBasic</import>

<import>System.IO</import>

<import>System.Runtime.InteropServices</import>

</imports>

<language>visualbasic</language>

<globalcode>

</globalcode>

<code>' The 'selected' instance of word.

' This is updated on any access of an instance (either adding a new
' instance or getting one)
'

Private CurrentInstance As Object

' Map of instances keyed against the handles which represent them.
'

Private HandleMap As Dictionary(Of Integer, Object)

' Map of handles keyed against the instances they represent.
' Here to ensure we don't assign multiple handles to a single
' instance and bring about a memory leak
'

Private InstanceMap As Dictionary(Of Object, Integer)

' Constructor - this just initialises the collections which map
' the word instances to handles and vice versa.

Public Sub New()

```

```
Me.HandleMap = New Dictionary(Of Integer, Object)()
```

```
Me.InstanceMap = New Dictionary(Of Object, Integer)()
```

```
End Sub
```

```
' Gets the handle for a given instance
```

```
,
```

```
' If the instance is not yet held, then it is added to the
```

```
' map and a handle is assigned to it. It is also set as the
```

```
' 'current' instance, accessed with a handle of zero in the
```

```
' below methods.
```

```
,
```

```
' Either way, the handle which identifies the instance is returned
```

```
,
```

```
' @param Instance The instance for which a handle is required
```

```
,
```

```
' @return The handle of the instance
```

```
Protected Function GetHandle(Instance As Object) As Integer
```

```
If Instance Is Nothing Then
```

```
Throw New ArgumentNullException("Tried to add an empty instance")
```

```
End If
```

```
' Check if we already have this instance - if so, return it.
```

```
If InstanceMap.ContainsKey(Instance) Then
```

```
CurrentInstance = Instance
```

Return InstanceMap(Instance)

End If

Dim key as Integer

For key = 1 to Integer.MaxValue

If Not HandleMap.ContainsKey(key)

HandleMap.Add(key, Instance)

InstanceMap.Add(Instance, key)

Me.CurrentInstance = Instance

Return key

End If

Next key

Return 0

End Function

' Gets the instance corresponding to the given handle, setting

' the instance as the 'current' instance for future calls

,

' A value of 0 will provide the 'current' instance, which

' is set each time an instance is added or accessed.

,

' This will return Nothing if the given handle does not

' correspond to a registered instance, or if the current

' instance was closed and the reference has not been updated.

,

' @param Handle The handle representing the instance required,
' or zero to get the 'current' instance.

Protected Function GetInstance(Handle As Integer) As Object

Dim Instance As Object = Nothing

If Handle = 0 Then

If CurrentInstance Is Nothing Then

' Special case - getting the current instance when the

' instance is not set, try and get a current open instance.

' If none there, create a new one and assign a handle as if

' CreateInstance() had been called

' Try

' Instance = GetObject("Word.Application")

' Catch ex as Exception ' Not running

' Instance = Nothing

' End Try

' If Instance Is Nothing Then

Create_Instance(Handle)

' Instance = CreateObject("Word.Application")

' Force the instance into the maps.

' GetHandle(Instance)

' CurrentInstance should now be set.

' If it's not, we have far bigger problems

' End If

End If

Return CurrentInstance

End If

If Not HandleMap.ContainsKey(Handle)

Throw New ArgumentException("A valid attachment to the application cannot be detected. Please check

End If

Instance = HandleMap(Handle)

If Not Instance Is Nothing Then

CurrentInstance = Instance

End If

Return Instance

End Function

' Gets the document in the given instance with the given name.

,

' @param Handle The handle representing the instance which holds the document

,

' @param Name The name of the document on the instance

,

' @return The object representing the document defined

Protected Function GetDocument(Handle As Integer, Name as String) As Object

Dim doc as Object = Nothing

If String.IsNullOrEmpty(Name) Then

doc = GetInstance(Handle).ActiveDocument

If doc Is Nothing ' We need to create a default workbook

'doc = NewDocument(Handle)

End If

Return doc

Else

Return GetInstance(Handle).Documents(Name)

End If

End Function</code>

</stage>

<stage stageid="3db4823c-cb33-410c-a5b4-0457287ea928" name="Clean Up" type="SubSheetInfo">

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</narrative>

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<stage stageid="923ee3cf-37bc-426e-829d-e591ad107565" name="End" type="End">

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<subsheetid>e283bce6-2b3d-4a05-8d79-05e52588fccd</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

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</stage>

<stage stageid="339dd02a-a643-42ed-befd-3faa7d5a2759" name="new" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business object

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

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<displayheight>230</displayheight>

</stage>

<stage stageid="1bbb1c14-4990-47fd-8b73-630da57d702f" name="Create Instance" type="SubSheetInfo"

<subsheetsid>31f689ac-b51a-4af0-bc24-9a36bedf0b07</subsheetsid>

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<onsuccess>62dc3626-984b-4c4f-af3c-ade0a9242ff7</onsuccess>

</stage>

<stage stageid="699a02c3-30f3-4bdd-aa7d-2afc1110af20" name="End" type="End">

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<outputs>

<output type="number" name="handle" stage="handle"/>

</outputs>

</stage>

<stage stageid="62dc3626-984b-4c4f-af3c-ade0a9242ff7" name="Create Instance" type="Code">
```

<subsheetid>31f689ac-b51a-4af0-bc24-9a36bedf0b07</subsheetid>

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<outputs>

<output type="number" name="handle" stage="handle"/>

</outputs>

<onsuccess>699a02c3-30f3-4bdd-aa7d-2afc1110af20</onsuccess>

<code>

Dim word as Object = CreateObject("Word.Application")

' Create a GUID with which we can kill the instance later

' if we have to play hardball to get rid of it.

word.Caption = System.Guid.NewGuid().ToString().ToUpper()

handle = GetHandle(word)</code>

</stage>

<stage stageid="edda7cc0-1a94-49d6-a153-8fc888542e8c" name="handle" type="Data">

<subsheetid>31f689ac-b51a-4af0-bc24-9a36bedf0b07</subsheetid>

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<initialvalue/>

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<stage stageid="4b4d7331-72da-406d-82b7-23a7ed9ed828" name="Show" type="SubSheetInfo">

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</stage>

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<subsheetsid>1e56148e-8eb8-411a-94ac-081b722cf098</subsheetsid>

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</narrative>

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</inputs>

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</stage>

<stage stageid="e652822b-b3f6-4d8e-b67b-09f5a3fa03aa" name="End" type="End">

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</stage>

<stage stageid="079aa539-1785-4099-82ef-7f679226a6ea" name="CheckInstanceHandle" type="SubShe

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<narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>ae5c5f27-8330-46a8-a3dd-42c521b4acc9</onsuccess>

<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="ae5c5f27-8330-46a8-a3dd-42c521b4acc9" name="ShowInstance" type="Code">

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>e652822b-b3f6-4d8e-b67b-09f5a3fa03aa</onsuccess>

<code>

GetInstance(handle).Visible = True</code>

</stage>

<stage stageid="ba182804-017d-4701-bee5-6ce4825d6a92" name="handle" type="Data">

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<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="06f9c8b0-d782-4519-91eb-ef08a4ff69f4" name="CheckInstanceHandle" type="SubSheet">

<subsheetsid>293ea206-e215-4639-a1d8-85d6fad4c062</subsheetsid>

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<stage stageid="55ae55da-a84e-4e04-89de-dd88ff6265f3" name="Start" type="Start">

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```

```
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<inputs>

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</inputs>

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</stage>

<stage stageid="2b3b42b8-d366-4656-9b94-ab1b48254b80" name="End" type="End">

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</stage>

<stage stageid="8380be40-583e-4e38-8bd2-f0d2ca89009c" name="Check Handle" type="Code">

<subsheetid>293ea206-e215-4639-a1d8-85d6fad4c062</subsheetid>

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</narrative>

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```

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<outputs>

<output type="flag" name="HandleMissing" stage="HandleMissing"/>

</outputs>

<onsuccess>f28ac6b7-15d9-45f6-ab3a-54a0da21bbb3</onsuccess>

<code>

' Just ensure that the handle references a valid instance

HandleMissing = (GetInstance(handle) is Nothing)</code>

</stage>

<stage stageid="0e84f827-315e-40eb-b54b-12caa5d9fd69" name="handle" type="Data">

<subsheetsid>293ea206-e215-4639-a1d8-85d6fad4c062</subsheetsid>

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</narrative>

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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

```
</stage>

<stage stageid="9f261599-10ff-401e-9119-62c9ac77151b" name="HandleMissing" type="Data">

<subsheetid>293ea206-e215-4639-a1d8-85d6fad4c062</subsheetid>

<narrative>

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<displayheight>30</displayheight>

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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f28ac6b7-15d9-45f6-ab3a-54a0da21bbb3" name="Is Handle Missing?" type="Decision">

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<decision expression="[HandleMissing]"/>

<ontrue>6defa143-8947-48ef-935f-d36833614ef5</ontrue>
```

<onfalse>2b3b42b8-d366-4656-9b94-ab1b48254b80</onfalse>

</stage>

```
<stage stageid="6defa143-8947-48ef-935f-d36833614ef5" name="Bad Instance Handle" type="Exception"
```

<subsheetid>293ea206-e215-4639-a1d8-85d6fad4c062</subsheetid>

<narrative>

</narrative>

$$180$$
$$0$$
$$120$$
$$30$$


```
<exception type="Bad Handle" detail="&quot;Handle: &quot; &amp; [handle] &amp; &quot; &quot;
```

</stage>

```
<stage stageid="1d87bd3a-132a-464c-b2d6-1a4df635cd61" name="Hide" type="SubSheetInfo">
```

<subsheetid>2a382c59-0507-47f8-82d5-1ca1ae93d305</subsheetid>

<narrative>

</narrative>

$$-195$$
$$-105$$
$$150$$
$$90$$

</stage>

```
<stage stageid="1e1ba28f-613b-4a07-95bb-ade2a24a01b8" name="Start" type="Start">
```

<subsheetid>2a382c59-0507-47f8-82d5-1ca1ae93d305</subsheetid>

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```
<preconditions>
```

```
<condition narrative=""/>

</preconditions>

<narrative>

</narrative>

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<inputs>

<input type="number" name="handle" stage="handle"/>

</inputs>

<onsuccess>39fb3f6f-2d7b-4840-991b-65f9fd1867a7</onsuccess>

</stage>

<stage stageid="b7e598b6-b68b-45da-b57a-2118e5a066ad" name="End" type="End">

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<stage stageid="39fb3f6f-2d7b-4840-991b-65f9fd1867a7" name="CheckInstanceHandle" type="SubSheet

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```

```
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<narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>afd1178a-dd11-4a73-8833-2b92063173ef</onsuccess>

<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="afd1178a-dd11-4a73-8833-2b92063173ef" name="HideInstance" type="Code">

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>
```


<onsuccess>b7e598b6-b68b-45da-b57a-2118e5a066ad</onsuccess>

<code>

GetInstance(handle).Visible = False</code>

</stage>

<stage stageid="315416bc-f192-4090-8a30-0fcec83584e2" name="handle" type="Data">

<subsheetid>2a382c59-0507-47f8-82d5-1ca1ae93d305</subsheetid>

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<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="ddb83909-8dc6-44dc-af21-d21979561fb9" name="Get Body" type="SubSheetInfo">

<subsheetid>84295aaa-378f-41c0-892b-81b1fa1e43c7</subsheetid>

<narrative>Gets the body text from the word document</narrative>

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</stage>

```
<stage stageid="150cb5f0-7bfe-4c3c-a660-2d6b49f4684f" name="Start" type="Start">

<subsheetid>84295aaa-378f-41c0-892b-81b1fa1e43c7</subsheetid>

<loginhibit/>

<preconditions>

<condition narrative="The Word VBO is initialised and a Word instance has been created/attached to"/>

</preconditions>

<postconditions>

<condition narrative="The body text required is returned"/>

</postconditions>

<narrative>

</narrative>

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<displayy>-105</displayy>

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<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="number" name="start" narrative="The start of the text range within the body for which the text

<input type="number" name="finish" narrative="The finish of the text range within the body for which the te

<input type="text" name="documentname" narrative="The name of the document for which the body text is

<input type="number" name="handle" narrative="The handle to the Word instance in which the document i

</inputs>

<onsuccess>59561e94-639a-4c08-9a9f-8577d49b3064</onsuccess>

</stage>

<stage stageid="6fcd9de3-9aa2-4a55-8909-4c9b3c3b5095" name="End" type="End">

<subsheetid>84295aaa-378f-41c0-892b-81b1fa1e43c7</subsheetid>

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```

```
<narrative>

</narrative>

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<outputs>

<output type="text" name="Body" narrative="The text of the main body of the word document" stage="resu

</outputs>

</stage>

<stage stageid="59561e94-639a-4c08-9a9f-8577d49b3064" name="CheckInstanceHandle" type="SubShe

<subsheetsid>84295aaa-378f-41c0-892b-81b1fa1e43c7</subsheetsid>

<loginhibit/>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>50ad6a4d-1b58-4aa1-9a88-0febc63521a1</onsuccess>

<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>
```

```
<stage stageid="50ad6a4d-1b58-4aa1-9a88-0febc63521a1" name="GetBody" type="Code">

<subsHEETid>84295aaa-378f-41c0-892b-81b1fa1e43c7</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="documentname" expr="[documentname]"/>

<input type="number" name="start" expr="[start]"/>

<input type="number" name="finish" expr="[finish]"/>

</inputs>

<outputs>

<output type="text" name="result" stage="result"/>

</outputs>

<onsuccess>6fcd9de3-9aa2-4a55-8909-4c9b3c3b5095</onsuccess>

<code>

Dim doc as Object = GetDocument(handle,documentname)

Dim range As Object

range = doc.Range(start, finish)

result = range.text()</code>

</stage>
```

```
<stage stageid="e6c5db5f-2ee8-4369-9025-e3f9241bc8d4" name="handle" type="Data">

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</stage>

<stage stageid="69723646-ad31-4957-9cc0-43fad959ba95" name="End" type="End">

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<input type="number" name="handle" expr="[handle]"/>

</inputs>

<outputs>

<output type="text" name="name" stage="documentname"/>

</outputs>

<onsuccess>69723646-ad31-4957-9cc0-43fad959ba95</onsuccess>

<code>

Dim doc as Object = GetInstance(handle).Documents.Open(filename)

name = doc.Name

doc.Activate()</code>

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<stage stageid="8c76538f-0d1d-4285-aab0-5290485b46e3" name="End" type="End">

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<inputs>

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</inputs>

<outputs>

<output type="flag" name="fileexists" stage="fileexists"/>

</outputs>

<onsuccess>ffe7ae9a-2f99-4074-8efa-307dbb5aeaf3</onsuccess>

<code>

fileexists = File.Exists(filename)</code>

</stage>

<stage stageid="ffe7ae9a-2f99-4074-8efa-307dbb5aeaf3" name="Does File Exist?" type="Decision">

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</stage>

<stage stageid="29baa624-0519-491a-9b7f-e9cd67715da0" name="File Not Found" type="Exception">

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</stage>

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<input type="text" name="File Name" stage="filename"/>

<input type="text" name="documentname" stage="documentname"/>

<input type="number" name="handle" stage="handle"/>

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</stage>

<stage stageid="873547be-bfa6-4aee-b49e-b03ee4b10659" name="SaveAs" type="Code">

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<input type="text" name="documentname" expr="[documentname]"/>

<input type="text" name="filename" expr="[filename]"/>

</inputs>

<outputs>

<output type="text" name="newname" stage="documentname"/>

</outputs>

<onsuccess>56c8c79f-0dda-4bc5-a9fe-eb7dc59e9940</onsuccess>

<code>

Dim doc as Object = GetDocument(handle,documentname)

doc.SaveAs(filename)

newname = doc.name</code>

```

```
</stage>

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<onsuccess>f834329d-2a8f-4a5e-b021-bb8d752866a5</onsuccess>

</stage>

<stage stageid="20d7732d-8c92-4c00-a602-e650d104a383" name="End" type="End">

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<code>

Dim app As Object = GetInstance(handle)

app.NormalTemplate.Saved = True

app.Quit()

Me.HandleMap.Remove(handle)

Me.InstanceMap.Remove(app)</code>

</stage>

<stage stageid="5aee7da4-09aa-4a84-8b38-0c219d10a84c" name="handle" type="Data">

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</stage>

<stage stageid="bd446e30-85c5-4bd8-baec-09874a164871" name="End" type="End">

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<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>
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</stage>

<stage stageid="98b463cd-ae0f-4752-917d-0846f7f9d1d2" name="Close" type="Code">

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</inputs>

<onsuccess>bd446e30-85c5-4bd8-baec-09874a164871</onsuccess>

<code>

Dim doc As Object = GetDocument(handle,documentname)

doc.Saved = True

doc.Close()</code>

</stage>

<stage stageid="79711364-a2bd-434e-a183-7cbc2f61e54e" name="handle" type="Data">

<subsheetid>a12d6007-5275-4a01-a53e-1fe566ccb6eb</subsheetid>

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$$90$$

$$30$$

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</narrative>

$$-195$$

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</stage>

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</stage>

<stage stageid="5b094fdf-6ef3-4846-b25c-0ee209e038de" name="End" type="End">

<subsheetid>ec22d5e7-f140-425a-bbaa-7c1da03813c4</subsheetid>
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$$30$$
$$60$$
$$30$$

</stage>

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<input type="text" name="documentname" expr="[documentname]"/>

<input type="text" name="text" expr="[text]"/>

</inputs>

<onsuccess>5b094fdf-6ef3-4846-b25c-0ee209e038de</onsuccess>

<code>

GetInstance(handle).Selection.TypeText(text)</code>

</stage>

<stage stageid="4473d616-1d96-4946-8abf-c0c68033e5c1" name="handle" type="Data">

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<subsheetsid>df9a2d09-7817-4c60-9dfd-db0023481f74</subsheetsid>

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<outputs>

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</stage>

<stage stageid="8d4245f6-0d86-4a8d-b932-65500682f43d" name="CheckInstanceHandle" type="SubSheets">

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<input type="number" name="handle" expr="[handle]"/>

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<outputs>

<output type="text" name="documentname" stage="documentname"/>

</outputs>

<onsuccess>668ccf5c-2a61-4b7c-b9b7-f60c6d1a8dfb</onsuccess>

<code>
```

Dim doc as Object = GetInstance(handle).Documents.Add()

documentname = doc.Name

doc.Activate()

</code>

</stage>

<stage stageid="55507265-dccf-498b-b457-9fa3230c8ad8" name="handle" type="Data">

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</preconditions>

<narrative>

</narrative>

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<input type="text" name="Text" stage="value"/>

<input type="text" name="documentname" stage="documentname"/>

<input type="number" name="handle" stage="handle"/>

</inputs>

<onsuccess>e87e8a9b-c20a-469f-a077-2b6ae1cd52a4</onsuccess>

</stage>

<stage stageid="4568f576-e587-46d1-9613-8455000361ee" name="End" type="End">

<subsheetid>658b8a32-bfce-4df2-bfdc-a9525bc2979e</subsheetid>

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</stage>

<stage stageid="e87e8a9b-c20a-469f-a077-2b6ae1cd52a4" name="CheckInstanceHandle" type="SubShe

<subsheetid>658b8a32-bfce-4df2-bfdc-a9525bc2979e</subsheetid>

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<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="41afaa16-ddea-4385-9530-07f94ee95532" name="UpdateBookmark" type="Code">

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<input type="text" name="documentname" expr="[documentname]"/>

<input type="text" name="name" expr="[name]"/>

<input type="text" name="value" expr="[value]"/>

</inputs>

<onsuccess>4568f576-e587-46d1-9613-8455000361ee</onsuccess>
```

<code>

Dim doc as Object = GetDocument(handle,documentname)

If doc.Bookmarks.Exists(name) Then

doc.Bookmarks.Item(name).Range.Text = value

End If</code>

</stage>

<stage stageid="ad290b27-e3a5-4ad5-b352-eff94acc7de8" name="handle" type="Data">

<subsHEETid>658b8a32-bfce-4df2-bfdc-a9525bc2979e</subsHEETid>

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<stage stageid="422f53fe-cfb8-44ab-8628-5e7192d8a14b" name="documentname" type="Data">

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<subsheetsid>89550223-4597-48e5-a1c2-c61c726899cf</subsheetsid>

<narrative>

</narrative>

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</stage>

<stage stageid="ef5caa1c-ba0b-4e25-ba69-081e9386a4f3" name="Start" type="Start">

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<inputs>

<input type="number" name="handle" narrative="The handle for the instance which should become the cur

</inputs>

<onsuccess>215a6e49-5725-401b-9f3f-d1fd9261dac7</onsuccess>

</stage>

<stage stageid="c0b115d4-6eff-4088-9356-8abf9d79ccc1" name="End" type="End">

<subsheetid>89550223-4597-48e5-a1c2-c61c726899cf</subsheetid>

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<stage stageid="215a6e49-5725-401b-9f3f-d1fd9261dac7" name="CheckInstanceHandle" type="SubShee

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<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="4df855d7-0ceb-42e9-9fe3-c4a6de4b72e8" name="Note1" type="Note">

<subsheetsid>89550223-4597-48e5-a1c2-c61c726899cf</subsheetsid>

<loginhibit/>

<narrative>Don't need to anything - a side-effect of the check is to set the current instance... makes it simp

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<displayy>-60</displayy>

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</stage>

<stage stageid="2a0baf69-393d-4338-91c2-599bb8f9dd88" name="Start" type="Start">
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</narrative>

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<inputs>

<input type="text" name="File Name" narrative="The full path and filename of the document that the instan

</inputs>

<onsuccess>cf413a56-3b39-4024-9358-e45c4cb1270f</onsuccess>

</stage>

<stage stageid="080da51f-78bc-4c03-a069-fba8ce7216c3" name="End" type="End">

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<outputs>

<output type="number" name="handle" narrative="The handle to the newly created instance, attached to e

</outputs>

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</stage>

<stage stageid="2d9ef69e-28d3-4c3d-8c66-ad48abf1c9bd" name="Filename" type="Data">

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<private/>
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<alwaysinit/>

</stage>

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<inputs>

<input type="text" name="filename" expr="[Filename]"/>

</inputs>

<outputs>

<output type="number" name="handle" stage="handle"/>

</outputs>

<onsuccess>080da51f-78bc-4c03-a069-fba8ce7216c3</onsuccess>

<code>

If filename = "" Then

handle = GetHandle(GetObject(, "Word.Application"))

Else

handle = GetHandle(GetObject(filename).Application)

End If</code>

</stage>

<stage stageid="bb83c823-90bc-4da3-9b03-b1bfae7ffe16" name="Detach Instance" type="SubSheetInfo">

```
<subsheetid>8b161e34-9d3a-4120-a6ef-47fa0d4fb3ae</subsheetid>

<narrative>Detaches from the Word instance with the given handle, removing all references within this bus

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<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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<stage stageid="3086e1fc-ae22-4963-93f2-743021835c1d" name="Start" type="Start">

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<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="handle" narrative="The handle to the instance to be detached from" stage="h

</inputs>

<onsuccess>10611a26-c805-4e33-b3ba-4be3ffb5ae66</onsuccess>

</stage>

<stage stageid="936fb37c-767b-4c3b-9b5e-57b36515bba6" name="End" type="End">

<subsheetid>8b161e34-9d3a-4120-a6ef-47fa0d4fb3ae</subsheetid>

<loginhibit/>

<narrative>
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</narrative>

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</stage>

<stage stageid="cfdae8d9-4e29-4353-a17b-4c5a724fa96e" name="handle" type="Data">

<subsheetsid>8b161e34-9d3a-4120-a6ef-47fa0d4fb3ae</subsheetsid>

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<alwaysinit/>

</stage>

<stage stageid="10611a26-c805-4e33-b3ba-4be3ffb5ae66" name="DetachInstance" type="Code">

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<loginhibit/>

<narrative>

</narrative>

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<display>-90</display>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>936fb37c-767b-4c3b-9b5e-57b36515bba6</onsuccess>

<code>Dim app As Object = GetInstance(handle)

HandleMap.Remove(CInt(handle))

InstanceMap.Remove(app)

If app Is CurrentInstance Then CurrentInstance = Nothing

Marshal.ReleaseComObject(app)</code>

</stage>

<stage stageid="f1a76547-26a8-4bbb-876c-12108d44f5f5" name="handle" type="Data">

<subsheetid>89550223-4597-48e5-a1c2-c61c726899cf</subsheetid>

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<alwaysinit/>

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<stage stageid="744e462f-ed5d-4004-afe9-a69ae3cddf27" name="Get Highlighted Text" type="SubSheet">

<subsheets>
<subsheetid>ab5706df-5945-47c6-ad85-98b64e6966f8</subsheetid>

<narrative>Returns the documents highlighted text as a collection</narrative>

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</stage>

<stage stageid="3fa2a732-65ad-412e-8dfc-797a10a1dd38" name="End" type="End">

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<narrative>

</narrative>

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<font family="Tahoma" size="10" style="Regular" color="000000"/>

<outputs>

<output type="collection" name="highlighted text" stage="highlighted text"/>

</outputs>

</stage>

<stage stageid="d60af1f9-c084-491f-b44f-99c1c5fe61b4" name="Get Highlighted Text" type="Code">

<subsheets>
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<narrative>

</narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

</inputs>

<outputs>

<output type="collection" name="highlighted text" stage="highlighted text"/>

</outputs>

<onsuccess>3fa2a732-65ad-412e-8dfc-797a10a1dd38</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

Dim r As Object = d.Range

Dim i As Integer

Dim dt As New System.Data.DataTable()

Dim dr As System.Data.DataRow

dt.Columns.Add("text", GetType(String))

dt.Columns.Add("highlight index", GetType(Integer))

r.Find.Highlight = true

```
r.Find.Forward = True
```

```
Do While r.Find.Execute
```

```
If r.HighlightColorIndex <> 0 Then
```

```
dr = dt.NewRow()
```

```
dr("text") = r.Text
```

```
dr("highlight index") = r.HighlightColorIndex
```

```
dt.Rows.Add(dr)
```

```
End If
```

```
i = r.End
```

```
r.Start = i
```

```
Loop
```

```
highlighted_text = dt</code>
```

```
</stage>
```

```
<stage stageid="efa512ec-3a71-4ae2-8fea-10c01497d1ad" name="handle" type="Data">
```

```
<subsheetsid>ab5706df-5945-47c6-ad85-98b64e6966f8</subsheetsid>
```

```
<narrative>
```

```
</narrative>
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<alwaysinit/>
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</stage>

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<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

</inputs>

<onsuccess>d60af1f9-c084-491f-b44f-99c1c5fe61b4</onsuccess>

</stage>

<stage stageid="19a7cc99-e574-4f93-a220-3f94df6dcb00" name="document name" type="Data">

<subsheetsid>ab5706df-5945-47c6-ad85-98b64e6966f8</subsheetsid>

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</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="41cca25a-0352-483f-bd0d-210348dddccf" name="highlighted text" type="Collection">

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<narrative>

</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="text" type="text" namespace=""/>

<field name="highlight index" type="number" namespace="" description="A value from from the wdColor e

</collectioninfo>

</stage>

<stage stageid="faba3574-835f-426f-babd-7741f20c08ef" name="Replace Highlighted Text" type="SubSh

<subsheetid>8e6deaaf-17ce-4784-b335-a9405da05140</subsheetid>

<narrative>Searches for and replaces highlighted text</narrative>

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<displaywidth>150</displaywidth>
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</stage>

<stage stageid="10f02379-dc0a-4fb5-8107-75333fd04af6" name="End" type="End">

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</stage>

<stage stageid="1750861c-714e-4fd9-a7ad-babb2bc8735b" name="handle" type="Data">

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<alwaysinit/>
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</stage>

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<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

<input type="text" name="current text" stage="current text"/>

<input type="number" name="current highlight" stage="current highlight"/>

<input type="text" name="new text" stage="new text"/>

<input type="number" name="new highlight" stage="new highlight"/>

<input type="flag" name="new bold" stage="new bold"/>

</inputs>

<onsuccess>86ff3b1e-b8e7-41aa-81c8-c6b731c9783d</onsuccess>

</stage>

<stage stageid="478dfc3b-afab-4b3d-b893-d63b17652148" name="document name" type="Data">

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<stage stageid="c4cb5e60-a090-41e5-945a-64a46b4fc815" name="current highlight" type="Data">

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<narrative>

</narrative>
```

```
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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="60806e60-b1df-4318-9475-7a638c227a47" name="new text" type="Data">

<subsheetsid>8e6deaaf-17ce-4784-b335-a9405da05140</subsheetsid>

<narrative>

</narrative>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="a40255d1-e872-4311-b2d8-2e2dfda8bdde" name="new highlight" type="Data">

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<narrative>
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```
</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="86ff3b1e-b8e7-41aa-81c8-c6b731c9783d" name="Replace Highlighted Text" type="Code

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<narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

<input type="text" name="current text" expr="[current text]"/>

<input type="number" name="current highlight" expr="[current highlight]"/>

<input type="text" name="new text" expr="[new text]"/>
```

<input type="number" name="new highlight" expr="[new highlight]"/>

<input type="flag" name="new bold" expr="[new bold]"/>

</inputs>

<onsuccess>10f02379-dc0a-4fb5-8107-75333fd04af6</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

Dim r As Object = d.Range

Dim i As Integer

r.Find.Highlight = true

r.Find.Forward = True

Do While r.Find.Execute(current_text)

If r.HighlightColorIndex = current_highlight Then

r.Text = new_text

r.HighlightColorIndex = CInt(new_highlight)

r.Bold=new_bold

End If

i = r.End

r.Start = i

Loop</code>

</stage>

<stage stageid="234fee0c-5b96-4829-be83-f34ff671c61e" name="new bold" type="Data">

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<narrative>

</narrative>

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<alwaysinit/>

</stage>

<stage stageid="9a6342b6-1b6c-467f-970c-ae638d0dc946" name="Select All" type="SubSheetInfo">

<subsheetsid>e945fdd1-12ee-49a3-828b-f210f597b9ea</subsheetsid>

<narrative>Selects the entire document</narrative>

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<stage stageid="32c7e893-ade6-4c28-8878-b0b6c201c420" name="End" type="End">

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<loginhibit/>

<narrative>

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</stage>

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<private/>

<alwaysinit/>

</stage>

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<loginhibit/>

<narrative>

</narrative>

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<inputs>

```
<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

</inputs>

<onsuccess>71b6f8f9-6acb-4a3e-a7a5-5938100e9139</onsuccess>

</stage>

<stage stageid="7e4a9137-bdd0-49c3-a19f-a8bae90a3bd3" name="document name" type="Data">

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<narrative>

</narrative>

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<stage stageid="71b6f8f9-6acb-4a3e-a7a5-5938100e9139" name="Select All" type="Code">

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<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

</inputs>

<onsuccess>32c7e893-ade6-4c28-8878-b0b6c201c420</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

d.Select

d = Nothing</code>

</stage>

<stage stageid="fc588eee-d842-46c9-b230-634378015cc6" name="Copy to Clipboard" type="SubSheetInt

<subsheetsid>0ad7469f-a55c-48de-9ec9-7b3b429c91b1</subsheetsid>

<narrative>Copies the current selection on to the clipboard</narrative>

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</stage>

<stage stageid="ef78d8f3-3153-45b1-8714-b95142c7d2b9" name="End" type="End">

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<loginhibit/>

<narrative>

</narrative>

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</stage>

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<narrative>

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</stage>

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<inputs>

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<input type="text" name="document name" stage="document name"/>

</inputs>

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</stage>

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<subsheetid>0ad7469f-a55c-48de-9ec9-7b3b429c91b1</subsheetid>

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</narrative>

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<alwaysinit/>

</stage>

<stage stageid="094bc875-98bf-40d7-930d-c118bff53af6" name="Copy to Clipboard" type="Code">

<subsheetid>0ad7469f-a55c-48de-9ec9-7b3b429c91b1</subsheetid>

<loginhibit/>
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<narrative>

</narrative>

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<displayy>-15</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

</inputs>

<onsuccess>ef78d8f3-3153-45b1-8714-b95142c7d2b9</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

Dim w As Object = d.Application

Dim s As Object = w.Selection

If s IsNot Nothing Then s.Copy

d = Nothing

w = Nothing

s = Nothing</code>

</stage>

<stage stageid="c2e0189a-f373-4e16-8ac9-b3f50c3928ef" name="Paste from Clipboard" type="SubSheet">

<subsheetsid>e3194549-4702-4196-8e84-02c9414289f2</subsheetsid>

<narrative>Pastes the contents of the clipboard into the document</narrative>

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</narrative>

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<alwaysinit/>

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<input type="text" name="document name" stage="document name"/>

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</stage>

<stage stageid="414b8866-2d52-4971-aab5-a48d66411bf0" name="document name" type="Data">

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<alwaysinit/>

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<loginhibit/>

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<input type="text" name="document name" expr="[document name]"/>

</inputs>

<onsuccess>cc3026b3-8726-4034-9304-aa303f869095</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

Dim w As Object = d.Application

w.Selection.Paste

d = Nothing

w = Nothing</code>

</stage>

<stage stageid="c9f4e132-f333-46bd-9f33-bd08364ca098" name="Clear Clipboard" type="SubSheetInfo">

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<onsuccess>d6bc499e-db0e-4204-94f7-060f8b728596</onsuccess>

</stage>

<stage stageid="cae61485-5711-4b5a-b35a-cc2cc49dcecd" name="End" type="End">

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<stage stageid="d6bc499e-db0e-4204-94f7-060f8b728596" name="Clear" type="Code">

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<onsuccess>cae61485-5711-4b5a-b35a-cc2cc49dcecd</onsuccess>

<code>

My.Computer.Clipboard.Clear</code>

</stage>

<stage stageid="5b918aa9-d185-4273-8d17-322bfc06ab4" name="Find Text" type="SubSheetInfo">

<subsheetsid>a46a3a18-37e6-4658-bf90-5612c2db5da4</subsheetsid>

<narrative>Searches the document for the given text</narrative>

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<stage stageid="9fa6746a-2e54-4364-987a-1c82aca0bfdc" name="End" type="End">

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<outputs>

<output type="flag" name="found" stage="found"/>

</outputs>

</stage>

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<subsheetid>a46a3a18-37e6-4658-bf90-5612c2db5da4</subsheetid>

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<alwaysinit/>

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<narrative>

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<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

<input type="text" name="text" stage="text"/>

<input type="flag" name="match case" stage="match case"/>

<input type="flag" name="match whole word" stage="match whole word"/>

</inputs>

<onsuccess>1f2d6c14-b8c0-4895-8791-15dc1c4b8cd3</onsuccess>

</stage>

<stage stageid="b294a47f-4ad7-4cf9-a898-13aefa7c9f0f" name="document name" type="Data">

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<stage stageid="1f2d6c14-b8c0-4895-8791-15dc1c4b8cd3" name="Find Text" type="Code">

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

<input type="text" name="text" expr="[text]"/>

<input type="flag" name="match case" expr="[match case]"/>

```
<input type="flag" name="match whole word" expr="[match whole word]"/>
```

```
</inputs>
```

```
<outputs>
```

```
<output type="flag" name="found" stage="found"/>
```

```
</outputs>
```

```
<onsuccess>9fa6746a-2e54-4364-987a-1c82aca0bfdc</onsuccess>
```

```
<code>
```

```
Dim d As Object = GetDocument(handle,document_name)
```

```
Dim w As Object = d.Application
```

```
Dim s As Object = w.Selection
```

```
Dim f As Object = s.Find
```

```
Try
```

```
f.ClearFormatting
```

```
With f
```

```
.Text = Text
```

```
.Replacement.Text = ""
```

```
.Forward = True
```

```
.Wrap = 1 'wdFindContinue
```

```
.Format = False
```

```
.MatchCase = match_case
```

```
.MatchWholeWord = match_whole_word
```

```
.MatchWildcards = False
```

```
.MatchSoundsLike = False
```

```
.MatchAllWordForms = False
```

```
End With
```

found = f.Execute

Catch ex As Exception

found = False

Finally

d = Nothing

w = Nothing

s = Nothing

f = Nothing

End try</code>

</stage>

<stage stageid="169d67d4-b8ae-48c2-a693-6a4cb4ef2cf4" name="text" type="Data">

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<alwaysinit/>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="c53ac88a-5097-4cd0-8962-e04e6ba421bf" name="match case" type="Data">

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```

```
<private/>

<alwaysinit/>

</stage>

<stage stageid="18a5ce24-7703-42c9-9c67-36c7f5acc805" name="match whole word" type="Data">

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<initialvalue>False</initialvalue>

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<alwaysinit/>

</stage>

<stage stageid="cc529358-b060-4eec-b382-563e4dd595cb" name="Select Next Cell" type="SubSheetInfo">

<subsheetsid>014a9077-47d7-46c4-949a-9dd622e2aa55</subsheetsid>

<narrative>Moves the cursor to the table cell n steps away from the current cell. A positive number of steps

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</stage>

<stage stageid="12001300-6faa-4829-99f6-61df86a10e66" name="End" type="End">
```



```
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<loginhibit/>

<narrative>

</narrative>

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<outputs>

<output type="flag" name="selected" stage="selected"/>

</outputs>

</stage>

<stage stageid="3beae3c8-e083-4bcd-996b-733ab9676289" name="handle" type="Data">

<subsheetid>014a9077-47d7-46c4-949a-9dd622e2aa55</subsheetid>

<narrative>

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<private/>

<alwaysinit/>

</stage>
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<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

<input type="number" name="steps" narrative="Optional, positive number to move forward, negative to move backward"/>

</inputs>

<onsuccess>42ed0356-4769-4b34-a449-4fbe0a21922b</onsuccess>

</stage>

<stage stageid="9c875518-2eef-4c5b-8040-004573505f3e" name="document name" type="Data">

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<private/>

<alwaysinit/>

</stage>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="42ed0356-4769-4b34-a449-4fbe0a21922b" name="Select Next Cell" type="Code">

<subsheetid>014a9077-47d7-46c4-949a-9dd622e2aa55</subsheetid>

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</narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

<input type="number" name="steps" expr="[steps]"/>

</inputs>

<outputs>

<output type="flag" name="selected" stage="selected"/>

</outputs>

<onsuccess>12001300-6faa-4829-99f6-61df86a10e66</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

Dim w As Object = d.Application

Dim s As Object = Nothing

Dim c As Object = Nothing

Dim c1 As Object = Nothing

Dim i As Integer

Try

If steps < 0 Then

For i = steps To -1

s = w.Selection

c = s.Cells

If c.Count = 0 Then

selected = False

Exit Sub

Elseif c(1).Previous Is Nothing Then

selected = False

Exit Sub

Else

c(1).Previous.Select

If c1 Is Nothing Then c1 = c(1)

End If

Next

Else

For i = 1 To steps

s = w.Selection

c = s.Cells

If c.Count = 0 Then

selected = False

Exit Sub

Elseif c(1).Next Is Nothing Then

selected = False

Exit Sub

Else

c(1).Next.Select

If c1 Is Nothing Then c1 = c(1)

End If

Next

End If

c1 = Nothing

selected = True

Catch ex As Exception

selected = False

Finally

If c1 IsNot Nothing Then

c1.Select

End If

d = Nothing

w = Nothing

s = Nothing

c = Nothing

c1 = Nothing

End try</code>

</stage>

<stage stageid="96975d1f-c613-48e6-b917-47041ee8da2c" name="steps" type="Data">

<subsheetid>014a9077-47d7-46c4-949a-9dd622e2aa55</subsheetid>

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<alwaysinit/>

</stage>

```
<stage stageid="da8e46d1-b4b9-40b8-96d3-d5f50d7f4c89" name="Set Selected Cell Text" type="SubShe
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<narrative>

</narrative>

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</stage>

<stage stageid="d93f9a85-6397-463f-a7cc-793c62f0afce" name="End" type="End">

<subsheetid>e5c26c59-2398-4789-8c68-a82d3e675364</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<datatype>number</datatype>

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<private/>

<alwaysinit/>

</stage>

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<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

<input type="text" name="text" stage="text"/>

<input type="flag" name="append" narrative="Optional, default False will overwrite." stage="append"/>

</inputs>

<onsuccess>5032655f-d60c-4fd4-8247-b167d88f2bda</onsuccess>

</stage>

<stage stageid="5b309234-72f0-479a-871b-51dda5f6075c" name="document name" type="Data">
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<subsheetid>e5c26c59-2398-4789-8c68-a82d3e675364</subsheetid>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5032655f-d60c-4fd4-8247-b167d88f2bda" name="Set Cell" type="Code">

<subsheetid>e5c26c59-2398-4789-8c68-a82d3e675364</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

<input type="text" name="text" expr="[text]"/>

```
<input type="flag" name="append" expr="[append]"/>
```

```
</inputs>
```

```
<onsuccess>d93f9a85-6397-463f-a7cc-793c62f0afce</onsuccess>
```

```
<code>
```

```
Dim d As Object = GetDocument(handle,document_name)
```

```
Dim w As Object = d.Application
```

```
Dim s As Object = Nothing
```

```
Dim cs As Object = Nothing
```

```
Dim c As Object = Nothing
```

```
Dim r As Object = Nothing
```

```
Try
```

```
s = w.Selection
```

```
cs = s.Cells
```

```
If cs.Count = 1 Then
```

```
c = cs(1)
```

```
r = c.Range
```

```
If append Then
```

```
r.Text = r.Text.Substring(0, r.Text.Length - 2) & "&" & text & "&" & r.Text.Substring(r.Text.Length -
```

```
Else
```

```
r.Text = text
```

```
End If
```

```
End If
```

```
Catch ex As Exception
```

```
Throw ex
```

Finally

d = Nothing

w = Nothing

s = Nothing

cs = Nothing

c = Nothing

r = Nothing

End try</code>

</stage>

<stage stageid="213b47ae-d5b2-4c58-a0bb-967f877da779" name="text" type="Data">

<subsheetid>e5c26c59-2398-4789-8c68-a82d3e675364</subsheetid>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="2fea1f6e-b9fd-48a4-975b-95eb357812ec" name="append" type="Data">

<subsheetid>e5c26c59-2398-4789-8c68-a82d3e675364</subsheetid>

<narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="264c4c7c-6251-4383-9f3a-28559469d1e2" name="Select Next Field" type="SubSheetInfo">

<subsheetsid>25894c29-7a40-4c69-8562-7b0ec251e307</subsheetsid>

<narrative>Selects the next field in the document</narrative>

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<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="058b4f33-fd12-422b-b45f-9604400b893e" name="End" type="End">

<subsheetsid>25894c29-7a40-4c69-8562-7b0ec251e307</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>75</displayy>

<displaywidth>60</displaywidth>

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<outputs>

<output type="flag" name="selected" stage="selected"/>

</outputs>

</stage>

<stage stageid="85c127b5-cf48-4914-a129-d36cc585c1ff" name="handle" type="Data">

<subsheetid>25894c29-7a40-4c69-8562-7b0ec251e307</subsheetid>

<narrative>

</narrative>

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<alwaysinit/>

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<stage stageid="f94d5f5d-2027-44e7-8122-ed018c4bcaa0" name="Start" type="Start">

<subsheetid>25894c29-7a40-4c69-8562-7b0ec251e307</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-120</displayy>
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<inputs>

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<input type="text" name="document name" stage="document name"/>

<input type="number" name="steps" narrative="Optional, positive number to move forward, negative to move backward"/>

</inputs>

<onsuccess>2dc430f1-a3ee-4adb-a992-c153fbb04bca</onsuccess>

</stage>

<stage stageid="49b6201c-934e-4e16-98a3-3333ed61e186" name="document name" type="Data">

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5639856e-1937-434a-bfee-927110122a21" name="selected" type="Data">

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<narrative>
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```
</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="2dc430f1-a3ee-4adb-a992-c153fbb04bca" name="Select Next Field" type="Code">

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<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="document name" expr="[document name]"/>

<input type="number" name="steps" expr="[steps]"/>

</inputs>

<outputs>

<output type="flag" name="selected" stage="selected"/>

</outputs>

<onsuccess>058b4f33-fd12-422b-b45f-9604400b893e</onsuccess>

<code>

Dim d As Object = GetDocument(handle,document_name)

Dim w As Object = d.Application

Dim s As Object = w.Selection

Dim f As Object = s.Find

Dim wrap, count, which As Integer

Dim forward as Boolean

If steps < 0 Then

count = -1 * steps

wrap = 2

forward = False

which = 3

Else

count = steps

wrap = 1

forward = True

which = 2

End If

Try

s.GoTo(What:=7, Which:=which, Count:=count, Name:="")

f.ClearFormatting

With f

.Text = ""

.Replacement.Text = ""

.Forward = forward

.Wrap = wrap

.Format = False

.MatchCase = False

.MatchWholeWord = False

.MatchWildcards = False

.MatchSoundsLike = False

.MatchAllWordForms = False

End With

s.MoveRight(Unit:=1, Count:=1, Extend:=1)

selected = True

Catch ex As Exception

selected = False

Finally

d = Nothing

w = Nothing

s = Nothing

f = Nothing

End try</code>

</stage>

<stage stageid="62da7c33-64e2-4cb4-b8f7-50742893de4a" name="Set Selected Checkbox" type="SubSh

<subsheetid>0982104d-2763-42e8-a690-69c44d9a4046</subsheetid>

<narrative>Ticks or unticks the selected checkbox</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="510c9852-b8ac-4ff8-8e0c-7c8d13ed79c3" name="End" type="End">

<subsheetid>0982104d-2763-42e8-a690-69c44d9a4046</subsheetid>

```
<loginhibit/>

<narrative>

</narrative>

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<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<stage stageid="c24730d4-72ba-45f3-a565-5a2cdde3e197" name="handle" type="Data">

<subsheetid>0982104d-2763-42e8-a690-69c44d9a4046</subsheetid>

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<stage stageid="a7894538-d76b-4e8f-9eba-4fdc810eb94a" name="Start" type="Start">

<subsheetid>0982104d-2763-42e8-a690-69c44d9a4046</subsheetid>

<loginhibit/>

<narrative>
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```
</narrative>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

<input type="flag" name="checked" stage="checked"/>

</inputs>

<onsuccess>2208ee1b-e132-49b8-8567-2c69be9f4e2b</onsuccess>

</stage>

<stage stageid="a9d8cd15-d588-429e-82f7-bede62d5d650" name="document name" type="Data">

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>
```

```
<stage stageid="2208ee1b-e132-49b8-8567-2c69be9f4e2b" name="Set Checkbox" type="Code">
<subsheetid>0982104d-2763-42e8-a690-69c44d9a4046</subsheetid>
<loginhibit/>
<narrative>
</narrative>
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<displayy>-15</displayy>
<displaywidth>120</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="number" name="handle" expr="[handle]"/>
<input type="text" name="document name" expr="[document name]"/>
<input type="flag" name="Checked" expr="[checked]"/>
</inputs>
<onsuccess>510c9852-b8ac-4ff8-8e0c-7c8d13ed79c3</onsuccess>
<code>Dim doc = GetDocument(handle,document_name)
```

```
Dim sel = doc.Application.Selection
```

```
Dim fields = sel.FormFields
```

```
If fields.Count > 0 Then
```

```
Dim field = fields(1)
```

```
If field IsNot Nothing AndAlso field.Type = 71 Then 'wdFieldFormCheckBox
```

```
Dim cb = field.CheckBox
```

```
cb.Value = checked
```

```
End If
```

```
End If
```

Dim control = sel.ParentContentControl

If control IsNot Nothing Then

control.Checked = checked

End If</code>

</stage>

<stage stageid="df9e9413-eefd-4eae-8129-9314da3eff69" name="checked" type="Data">

<subsHEETid>0982104d-2763-42e8-a690-69c44d9a4046</subsHEETid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<datatype>flag</datatype>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="581ce51a-db6c-4a6c-9455-7047b2e58bdb" name="Get Footer Text" type="SubSheetInfo">

<subsHEETid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsHEETid>

<narrative>Gets the text from the specified footer</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="f07e9727-845e-4d3e-b035-79dd9c1a9e02" name="End" type="End">

<subsheetid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displayheight>30</displayheight>

<outputs>

<output type="text" name="footer text" stage="footer text"/>

</outputs>

</stage>

<stage stageid="e7505af8-12a1-48a0-9b29-5d53359af376" name="section" type="Data">

<subsheetid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsheetid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="2ed14a06-174f-4565-be98-fea2aabfb137" name="footer" type="Data">

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</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="d2735c81-3c82-4c05-804d-dc66ad1d7a0f" name="handle" type="Data">

<subsheetsid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsheetsid>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d20473de-325e-4790-8adc-d4afa4a49f54" name="document name" type="Data">

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<private/>

<alwaysinit/>

</stage>

<stage stageid="89da9cc4-334f-4e99-9348-64fea39e45ad" name="Get Footer text" type="Code">

<subsheetsid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-15</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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```
<inputs>
```

```
<input type="number" name="handle" expr="[handle]"/>
```

```
<input type="text" name="document name" expr="[document name]"/>
```

```
<input type="number" name="section" expr="[section]"/>
```

```
<input type="number" name="footer" expr="[footer]"/>
```

```
</inputs>
```

```
<outputs>
```

```
<output type="text" name="footer text" stage="footer text"/>
```

```
</outputs>
```

```
<onsuccess>f07e9727-845e-4d3e-b035-79dd9c1a9e02</onsuccess>
```

```
<code>
```

```
Dim d As Object = GetDocument(handle,document_name)
```

```
Dim s As Object = Nothing
```

```
Dim f As Object = Nothing
```

```
Dim r As Object = Nothing
```

```
Try
```

```
s = d.Sections(section)
```

```
f = s.Footers(footer)
```

```
r = f.Range
```

```
r.End = r.End - 1
```

```
footer_text = r.text
```

```
Catch ex As Exception
```

```
Throw ex
```

Finally

d = Nothing

s = Nothing

f = Nothing

r = Nothing

End try</code>

</stage>

<stage stageid="c9d0bd4e-e9b7-4677-b57b-025580e8a62a" name="Start" type="Start">

<subsheetid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="number" name="handle" stage="handle"/>

<input type="text" name="document name" stage="document name"/>

<input type="number" name="section" narrative="Default 1" stage="section"/>

<input type="number" name="footer" narrative="Default 1" stage="footer"/>

</inputs>

<onsuccess>89da9cc4-334f-4e99-9348-64fea39e45ad</onsuccess>

</stage>

<stage stageid="21cad55b-4aa5-44d6-8d55-8668a8e01267" name="footer text" type="Data">

<subsheetid>dc779662-1e7e-4438-b1c5-1106c851c3a3</subsheetid>

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<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="bcb6879c-aec3-4f7e-b0c0-c7a05541c8ce" name="Add Table Row" type="SubSheetInfo">

<subsheetsid>349117e1-607c-4bb6-a911-5074cb58aca0</subsheetsid>

<narrative>

</narrative>

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</stage>

<stage stageid="87ab81a0-0173-4bb1-a341-070e1a8672d4" name="Start" type="Start">

<subsheetsid>349117e1-607c-4bb6-a911-5074cb58aca0</subsheetsid>

<loginhibit/>

<preconditions>

<condition narrative=""/>

```
</preconditions>

<narrative>

</narrative>

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<inputs>

<input type="text" name="documentname" stage="documentname"/>

<input type="number" name="handle" stage="handle"/>

<input type="number" name="Table Number" narrative="The number of the table within the word document"/>

</inputs>

<onsuccess>8bf740f2-5429-4adb-ba49-4345536358a7</onsuccess>

</stage>

<stage stageid="11ef2aff-c240-4089-a3dc-133c850260fe" name="End" type="End">

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<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="8bf740f2-5429-4adb-ba49-4345536358a7" name="CheckInstanceHandle" type="SubSheet">
```

<subsheetid>349117e1-607c-4bb6-a911-5074cb58aca0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>-15</displayx>

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<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>e352f349-79ec-4303-9fa0-d6b6329b9b3d</onsuccess>

<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="e352f349-79ec-4303-9fa0-d6b6329b9b3d" name="AddRow" type="Code">

<subsheetid>349117e1-607c-4bb6-a911-5074cb58aca0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>15</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="number" name="handle" expr="[handle]"/>

```
<input type="text" name="documentname" expr="[documentname]"/>
<input type="number" name="TableNumber" expr="[Table Number]"/>
</inputs>
<onsuccess>11ef2aff-c240-4089-a3dc-133c850260fe</onsuccess>
<code>
Dim doc as Object = GetDocument(handle,documentname)
doc.Tables.Item(TableNumber).Rows.Add()</code>
</stage>
<stage stageid="3146c42a-ee16-4654-8f47-cad56ba1c4a3" name="handle" type="Data">
<subsheetsid>349117e1-607c-4bb6-a911-5074cb58aca0</subsheetsid>
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<private/>
<alwaysinit/>
</stage>
<stage stageid="0fa28223-5cbc-4b56-994f-735cb7ecf068" name="documentname" type="Data">
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<alwaysinit/>

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<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="71eeff42-400a-4827-9003-61399bbd4ec0" name="Set Table Cell Value" type="SubSheet">

<subsheetsid>8ddb9b98-da89-468a-b5a4-5eedf5a204ee</subsheetsid>

<narrative>

</narrative>

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</stage>

<stage stageid="144acb7e-c0ea-4870-9588-1e1d12935a8e" name="End" type="End">

<subsheetid>8ddb9b98-da89-468a-b5a4-5eedf5a204ee</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="75792fd8-d387-4be8-96b9-05b6a240d922" name="CheckInstanceHandle" type="SubShe

<subsheetid>8ddb9b98-da89-468a-b5a4-5eedf5a204ee</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<inputs>

<input type="number" name="handle" expr="[handle]"/>

</inputs>

<onsuccess>7bcad06a-9e42-4c2b-941c-fb66a76fde60</onsuccess>

<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="7bcad06a-9e42-4c2b-941c-fb66a76fde60" name="SetCell" type="Code">

<subsheetsid>8ddb9b98-da89-468a-b5a4-5eedf5a204ee</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>0</displayx>

<displayy>75</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="documentname" expr="[documentname]"/>

<input type="number" name="TableNumber" expr="[Table Number]"/>

<input type="number" name="cellx" expr="[Cell x Number]"/>

<input type="number" name="celly" expr="[Cell y Number]"/>

<input type="text" name="CellValue" expr="[Value]"/>

</inputs>

<onsuccess>144acb7e-c0ea-4870-9588-1e1d12935a8e</onsuccess>

<code>

Dim doc as Object = GetDocument(handle,documentname)

doc.Tables.Item(TableNumber).Cell(celly,cellx).Range.Text = CellValue</code>

</stage>

<stage stageid="35ed0ea5-a2a7-4a92-a3a7-c9c817bc77cb" name="handle" type="Data">

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<initialvalue/>

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<alwaysinit/>

</stage>

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<condition narrative=""/>

</preconditions>

<narrative>

</narrative>

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<inputs>

<input type="text" name="documentname" stage="documentname"/>

<input type="number" name="handle" stage="handle"/>

<input type="number" name="Table Number" narrative="The number of the table within the document" sta

```
<input type="number" name="Cell x Number" narrative="The x location number of the cell within the table (
<input type="number" name="Cell y Number" narrative="The y location number of the cell within the table (
<input type="text" name="Value" narrative="The value to set the cell to" stage="Value"/>
</inputs>

<onsuccess>75792fd8-d387-4be8-96b9-05b6a240d922</onsuccess>

</stage>

<stage stageid="98bd4479-501c-4af6-87b3-0e44102b30f1" name="Get Table Cell Value" type="SubSheet
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<input type="number" name="handle" stage="handle"/>

<input type="number" name="Table Number" narrative="The number of the table within the document" stage="Table Number"/>

<input type="number" name="Cell x Number" narrative="The x location number of the cell within the table" stage="Cell x Number"/>

<input type="number" name="Cell y Number" narrative="The y location number of the cell within the table" stage="Cell y Number"/>

</inputs>

<onsuccess>c02323b7-9f42-4a22-8729-fa65114b1a7b</onsuccess>

</stage>

<stage stageid="02dfaa1a-2b89-40d1-a9d8-ce53515dcc8a" name="End" type="End">

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<outputs>

<output type="text" name="Result" narrative="the cell contents" stage="result"/>

</outputs>

</stage>

<stage stageid="c02323b7-9f42-4a22-8729-fa65114b1a7b" name="CheckInstanceHandle" type="SubSheet">

<subsheetid>63dcd298-f559-4625-834f-f728c3391345</subsheetid>
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</inputs>

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<processid>293ea206-e215-4639-a1d8-85d6fad4c062</processid>

</stage>

<stage stageid="10df1c8e-f6b2-4f55-a8e0-a14ac4a94d02" name="GetCell" type="Code">

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<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="documentname" expr="[documentname]"/>

```

<input type="number" name="TableNumber" expr="[Table Number]"/>
<input type="number" name="cellx" expr="[Cell x Number]"/>
<input type="number" name="celly" expr="[Cell y Number]"/>
</inputs>

<outputs>

<output type="text" name="result" stage="result"/>

</outputs>

<onsuccess>02dfaa1a-2b89-40d1-a9d8-ce53515dcc8a</onsuccess>

<code>Dim doc = GetDocument(handle,documentname)

Dim rg = doc.Tables(TableNumber).Cell(celly,cellx).Range

'The character at the end is used to mark end of cells in Word

rg.End = rg.End - 1

result = rg.Text</code>

</stage>

<stage stageid="876bd8c3-5bc4-4ce4-a349-8a07eea11a38" name="handle" type="Data">

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<alwaysinit/>

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<subsheetid>63dcd298-f559-4625-834f-f728c3391345</subsheetid>

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<subsheetid>63dcd298-f559-4625-834f-f728c3391345</subsheetid>

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<stage stageid="ae82d62f-d1b2-4af1-977a-db5619d47797" name="ExportPDF" type="SubSheetInfo">

<subsheetid>a54f1cbc-a023-4c2d-bf17-23169a3e685d</subsheetid>

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</stage>

<stage stageid="b5725bdb-4fb0-4666-9975-83186b793e2e" name="Start" type="Start">

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</preconditions>

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<input type="text" name="File Name" stage="filename"/>

<input type="text" name="documentname" stage="documentname"/>

<input type="number" name="handle" stage="handle"/>

</inputs>

<onsuccess>c4b70afa-f912-4ea4-91af-d05e2f73da34</onsuccess>

</stage>

<stage stageid="7df78cd1-d4d4-4f7f-b232-44da138f17fb" name="End" type="End">

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</inputs>

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<input type="number" name="handle" expr="[handle]"/>

<input type="text" name="documentname" expr="[documentname]"/>

<input type="text" name="filename" expr="[filename]"/>

</inputs>

<onsuccess>7df78cd1-d4d4-4f7f-b232-44da138f17fb</onsuccess>

<code>Const wdExportFormatPDF As Integer = 17

Dim doc as Object = GetDocument(handle,documentname)

doc.ExportAsFixedFormat(_

OutputFileName:=filename, _

ExportFormat:=wdExportFormatPDF)

</code>

</stage>

<stage stageid="3bddbd67-c3d7-46ef-a6e9-3f2c78c00fe3" name="filename" type="Data">

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</stage>

</process>

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<appdef/>

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<cameray>0</cameray>

<zoom>1</zoom>

</view>

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<endpoint narrative=""/>

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<name>Clean Up</name>

<view>

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</view>

</subsheet>

<subsheet subsheetid="503ecb70-35ea-4b3a-9c4d-7af20a165b21" type="Normal" published="True">

<name>Prepare Tests Directory</name>

<view>

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<zoom>1</zoom>

</view>

</subsheet>

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</stage>

<stage stageid="0576b0db-1243-4783-a827-eee0dafd2d98" name="End" type="End">

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<reference>System.Drawing.dll</reference>

</references>

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<import>System.IO</import>

</imports>

<language>csharp</language>

<globalcode></globalcode>

<code></code>

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</stage>

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<outputs/>

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</stage>

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<inputs/>

<outputs/>

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<inputs/>

<outputs/>

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</stage>

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<action/>

<inputs/>

<outputs>

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</outputs>

</stage>

<stage stageid="71d408a9-51e6-4ec6-b37e-b8f17b8d7392" name="new" type="Note">

<subsheetid>4c1315e6-7249-4bd4-85af-47b53a17d532</subsheetid>

<narrative>Clean Up Page
```

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="3395a68a-1c13-4200-ab27-690812fc7f91" name="new" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="1c2ab0d4-695f-4fe0-ae1c-679d51623ef5" name="Prepare Target Directory" type="Code">

<subsheetid>503ecb70-35ea-4b3a-9c4d-7af20a165b21</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<action/>

<inputs/>

<outputs>

<output type="text" name="targetDir" stage="Target Directory"/>

</outputs>

<onsuccess>df5b14a2-9dca-4a38-9e88-418ce68ab972</onsuccess>

<code>

```
targetDir = Path.Combine(  
    Environment.GetFolderPath(  
        Environment.SpecialFolder.MyDocuments),  
    "Excel Tests");
```

```
if (!Directory.Exists(targetDir)) {  
    Directory.CreateDirectory(targetDir);  
}  
  
else {  
    foreach (string f in Directory.GetFiles(targetDir))  
        File.Delete(f);  
}
```

</code>

```
</stage>

<stage stageid="531fd066-ff1f-442a-86f2-ef46e0e8ea59" name="Target Directory" type="Data">

<subsheetid>503ecb70-35ea-4b3a-9c4d-7af20a165b21</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-30</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

</process>

<process name="Multiple Wildcards treated as Text" version="1.0" bpversion="6.7.0.17849" narrative="As

<appdef>

<element name="Notepad">

<id>846c919d-4f60-49ab-868d-2bd38025b517</id>

<element name="Element with 1 Wildcard (WIN 32)">

<id>c2db0e08-8dbf-452a-9761-ffc4d98955e4</id>

<type>Edit</type>

<basetype>Edit</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>
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<attribute name="WindowText" comparisontype="Wildcard" inuse="True">

<ProcessValue datatype="text" value="Hell*orld"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="Edit"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="1311"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="708"/>

</attribute>

<attribute name="Visible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="ScreenVisible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

```
<attribute name="Enabled" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Active">
<ProcessValue datatype="flag" value="False"/>
</attribute>

<attribute name="Ordinal">
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</attribute>

<attribute name="ChildCount">
<ProcessValue datatype="number" value="0"/>
</attribute>

<attribute name="AncestorsText">
<ProcessValue datatype="text" value="Untitled - Notepad &lt;UNKNOWN&gt; "/>
</attribute>

<attribute name="AncestorCount">
<ProcessValue datatype="number" value="2"/>
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<attribute name="TypeName">
<ProcessValue datatype="text" value="Edit"/>
</attribute>

<attribute name="ScreenBounds">
<ProcessValue datatype="text" value="RECT:1114,-922,-232,2407"/>
</attribute>

<attribute name="Style">
<ProcessValue datatype="number" value="1345323268"/>
</attribute>
```

```
<attribute name="pWindowText">

<ProcessValue datatype="text" value="Untitled - Notepad"/>

</attribute>

<attribute name="pClassName">

<ProcessValue datatype="text" value="Notepad"/>

</attribute>

<attribute name="pCtrlID">

<ProcessValue datatype="number" value="1278688"/>

</attribute>

<attribute name="pX">

<ProcessValue datatype="number" value="1106"/>

</attribute>

<attribute name="pY">

<ProcessValue datatype="number" value="-973"/>

</attribute>

<attribute name="pWidth">

<ProcessValue datatype="number" value="1327"/>

</attribute>

<attribute name="pHeight">

<ProcessValue datatype="number" value="790"/>

</attribute>

<attribute name="pVisible">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="pScreenVisible">

<ProcessValue datatype="flag" value="True"/>

</attribute>
```

```
<attribute name="pEnabled">
<ProcessValue datatype="flag" value="True"/>
</attribute>
<attribute name="pActive">
<ProcessValue datatype="flag" value="False"/>
</attribute>
<attribute name="pOrdinal">
<ProcessValue datatype="number" value="1"/>
</attribute>
<attribute name="pChildCount">
<ProcessValue datatype="number" value="2"/>
</attribute>
<attribute name="pStyle">
<ProcessValue datatype="number" value="1345323268"/>
</attribute>
<attribute name="MatchIndex">
<ProcessValue datatype="number" value="1"/>
</attribute>
<attribute name="MatchReverse">
<ProcessValue datatype="flag" value="True"/>
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</attributes>
</element>
<element name="Element with 2 Wildcard (WIN 32)">
<id>82ec4ea6-eb93-4d26-a8e4-016f3d595596</id>
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<basetype>Edit</basetype>
```

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText" comparisontype="Wildcard" inuse="True">

<ProcessValue datatype="text" value="Hell**orld"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="Edit"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="1311"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="708"/>

</attribute>

<attribute name="Visible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>


```
<attribute name="ScreenVisible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Enabled" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Active">
<ProcessValue datatype="flag" value="False"/>
</attribute>

<attribute name="Ordinal">
<ProcessValue datatype="number" value="1"/>
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<attribute name="ChildCount">
<ProcessValue datatype="number" value="0"/>
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<attribute name="AncestorsText">
<ProcessValue datatype="text" value="Untitled - Notepad &lt;UNKNOWN&gt; "/>
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<attribute name="AncestorCount">
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</attribute>

<attribute name="TypeName">
<ProcessValue datatype="text" value="Edit"/>
</attribute>

<attribute name="ScreenBounds">
<ProcessValue datatype="text" value="RECT:1114,-922,-232,2407"/>
</attribute>
```

```
<attribute name="Style">

<ProcessValue datatype="number" value="1345323268"/>

</attribute>

<attribute name="pWindowText">

<ProcessValue datatype="text" value="Untitled - Notepad"/>

</attribute>

<attribute name="pClassName">

<ProcessValue datatype="text" value="Notepad"/>

</attribute>

<attribute name="pCtrlID">

<ProcessValue datatype="number" value="1278688"/>

</attribute>

<attribute name="pX">

<ProcessValue datatype="number" value="1106"/>

</attribute>

<attribute name="pY">

<ProcessValue datatype="number" value="-973"/>

</attribute>

<attribute name="pWidth">

<ProcessValue datatype="number" value="1327"/>

</attribute>

<attribute name="pHeight">

<ProcessValue datatype="number" value="790"/>

</attribute>

<attribute name="pVisible">

<ProcessValue datatype="flag" value="True"/>

</attribute>
```

```
<attribute name="pScreenVisible">
<ProcessValue datatype="flag" value="True"/>
</attribute>
<attribute name="pEnabled">
<ProcessValue datatype="flag" value="True"/>
</attribute>
<attribute name="pActive">
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</attribute>
<attribute name="pOrdinal">
<ProcessValue datatype="number" value="1"/>
</attribute>
<attribute name="pChildCount">
<ProcessValue datatype="number" value="2"/>
</attribute>
<attribute name="pStyle">
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</attribute>
<attribute name="MatchIndex">
<ProcessValue datatype="number" value="1"/>
</attribute>
<attribute name="MatchReverse">
<ProcessValue datatype="flag" value="True"/>
</attribute>
</attributes>
</element>
<element name="Element with 3 Wildcard (WIN 32)">
```

<id>99aada34-2a73-4f8d-9ea1-1f4149d38fb1</id>

<type>Edit</type>

<basetype>Edit</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText" inuse="True">

<ProcessValue datatype="text" value="Hell***orld"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="Edit"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="1311"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="708"/>

</attribute>

```
<attribute name="Visible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="ScreenVisible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Enabled" inuse="True">
<ProcessValue datatype="flag" value="True"/>
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<attribute name="Active">
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<attribute name="Ordinal">
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<attribute name="ChildCount">
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<attribute name="AncestorsText">
<ProcessValue datatype="text" value="Untitled - Notepad &lt;UNKNOWN&gt; "/>
</attribute>

<attribute name="AncestorCount">
<ProcessValue datatype="number" value="2"/>
</attribute>

<attribute name="TypeName">
<ProcessValue datatype="text" value="Edit"/>
</attribute>
```

```
<attribute name="ScreenBounds">
<ProcessValue datatype="text" value="RECT:1114,-922,-232,2407"/>
</attribute>
<attribute name="Style">
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<ProcessValue datatype="text" value="Untitled - Notepad"/>
</attribute>
<attribute name="pClassName">
<ProcessValue datatype="text" value="Notepad"/>
</attribute>
<attribute name="pCtrlID">
<ProcessValue datatype="number" value="1278688"/>
</attribute>
<attribute name="pX">
<ProcessValue datatype="number" value="1106"/>
</attribute>
<attribute name="pY">
<ProcessValue datatype="number" value="-973"/>
</attribute>
<attribute name="pWidth">
<ProcessValue datatype="number" value="1327"/>
</attribute>
<attribute name="pHeight">
<ProcessValue datatype="number" value="790"/>
</attribute>
```

```
<attribute name="pVisible">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="pScreenVisible">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="pEnabled">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="pActive">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="pOrdinal">
<ProcessValue datatype="number" value="1"/>
</attribute>

<attribute name="pChildCount">
<ProcessValue datatype="number" value="2"/>
</attribute>

<attribute name="pStyle">
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</attribute>

<attribute name="MatchIndex">
<ProcessValue datatype="number" value="1"/>
</attribute>

<attribute name="MatchReverse">
<ProcessValue datatype="flag" value="True"/>
</attribute>
```

</attributes>

</element>

<element name="Notepad Main Window (WIN32)">

<id>0472398f-e751-4dbb-af7f-f9f1fb33ec74</id>

<type>Window</type>

<basetype>Window</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText" inuse="True">

<ProcessValue datatype="text" value="BG-3405.txt - Notepad"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="Notepad"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="1343520"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="1073"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="-952"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="665"/>

</attribute>


```
<attribute name="Height">
<ProcessValue datatype="number" value="556"/>
</attribute>

<attribute name="Visible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="ScreenVisible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Enabled" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Active">
<ProcessValue datatype="flag" value="True"/>
</attribute>

<attribute name="Ordinal">
<ProcessValue datatype="number" value="1"/>
</attribute>

<attribute name="ChildCount">
<ProcessValue datatype="number" value="2"/>
</attribute>

<attribute name="AncestorsText">
<ProcessValue datatype="text" value="&lt;UNKNOWN&gt;"/>
</attribute>

<attribute name="AncestorCount">
<ProcessValue datatype="number" value="1"/>
</attribute>
```

```
<attribute name="TypeName">
<ProcessValue datatype="text" value="Notepad"/>
</attribute>
<attribute name="ScreenBounds">
<ProcessValue datatype="text" value="RECT:1081,-901,-405,1729"/>
</attribute>
<attribute name="Style">
<ProcessValue datatype="number" value="349110272"/>
</attribute>
<attribute name="MatchIndex">
<ProcessValue datatype="number" value="1"/>
</attribute>
<attribute name="MatchReverse">
<ProcessValue datatype="flag" value="True"/>
</attribute>
</attributes>
</element>
<type>Application</type>
<basetype>Application</basetype>
<datatype>unknown</datatype>
<diagnose>False</diagnose>
</element>
<apptypeinfo>
<id>Win32Launch</id>
<parameters>
<parameter>
<name>Path</name>
```

<value>notepad</value>

</parameter>

<parameter>

<name>CommandLineParams</name>

<value>C:\BluePrism\automate\qa\Processes\Wildcards\BG-3405.txt</value>

</parameter>

<parameter>

<name>WorkingDirectory</name>

<value>

</value>

</parameter>

<parameter>

<name>NonInvasive</name>

<value>True</value>

</parameter>

<parameter>

<name>ProcessMode</name>

<value>Internal</value>

</parameter>

<parameter>

<name>ExternalProcessTimeout</name>

<value>0</value>

</parameter>

<parameter>

<name>Options</name>

<value>

</value>

</parameter>

</parameters>

</apptypeinfo>

</appdef>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="a8063411-4e32-478e-aad4-4b4380c274e0" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="75795c6f-7094-4a59-b0e4-eb7eba1467b9" type="Normal" published="True">

<name>Launch</name>

<view>

<camerax>0</camerax>

<cameray>-21</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="6f599579-bfbe-4979-8722-8b3a64f25f31" type="Normal" published="True">

<name>Check for 1 Wildcard</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="5e28efb5-9998-49e0-bec5-b1e1538d2898" type="Normal" published="True">

<name>Check for 2 Wildcard</name>

<view>

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<cameray>1</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="f75ef706-e50f-4f25-8ca0-7599aee281d2" type="Normal" published="True">

<name>Check for 3 Wildcard</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="d9a0aac5-dd4b-40db-affa-7e8bfef834ed" type="Normal" published="True">

<name>Close</name>

<view>

```
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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<stage stageid="1007f304-ec50-4c2a-bf60-ad3063c9fe73" name="Start" type="Start">

<loginhibit/>

<display x="15" y="-105"/>

<onsuccess>4dd74e8d-1ae1-42b0-83d2-76ea86155fb4</onsuccess>

</stage>

<stage stageid="4dd74e8d-1ae1-42b0-83d2-76ea86155fb4" name="End" type="End">

<loginhibit/>

<display x="15" y="90"/>

</stage>

<stage stageid="4621c396-6df3-41be-9eb1-d83033f64eeb" name="Stage1" type="ProcessInfo">

<display x="-195" y="-105" w="150" h="90"/>

<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>
```

```
<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

<stage stageid="fe48e4f1-b8d6-4ad5-978e-f78ee81f64bb" name="Clean Up" type="SubSheetInfo">

<subsheetsid>a8063411-4e32-478e-aad4-4b4380c274e0</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="0dcb2c69-857c-4daf-b8e2-2468924406f1" name="Start" type="Start">

<subsheetsid>a8063411-4e32-478e-aad4-4b4380c274e0</subsheetsid>

<loginhibit/>

<display x="15" y="-105"/>

<onsuccess>28d6dc3b-be21-4918-969a-abfe0010850f</onsuccess>

</stage>

<stage stageid="d4296e9e-3fb0-43c1-bc49-cf6ab09d6400" name="End" type="End">

<subsheetsid>a8063411-4e32-478e-aad4-4b4380c274e0</subsheetsid>

<loginhibit/>

<display x="15" y="90"/>

</stage>

<stage stageid="4f22a016-f4a8-4334-8ffc-22cc0b90f4aa" name="Launch" type="SubSheetInfo">

<subsheetsid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="c3b23138-c073-429f-afcd-643c66be5fbb" name="Start" type="Start">

<subsheetsid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetsid>

<loginhibit/>

<display x="15" y="-135"/>
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<onsuccess>7a671149-b269-420b-aca3-d0b6118f1601</onsuccess>

</stage>

<stage stageid="c92e0930-dd0f-4dcc-b18a-9579a30cb26b" name="End" type="End">

<subsheetsid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetsid>

<loginhibit/>

<display x="15" y="150"/>

</stage>

<stage stageid="56721323-163f-470d-ad60-64b3f54231e6" name="Note1" type="Note">

<subsheetsid>a8063411-4e32-478e-aad4-4b4380c274e0</subsheetsid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<display x="-180" y="60" w="180" h="230"/>

</stage>

<stage stageid="ff46e7e4-5671-450a-bbea-9adb3f5e1b29" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<display x="-180" y="60" w="180" h="230"/>

</stage>

<stage stageid="7a671149-b269-420b-aca3-d0b6118f1601" name="Launch" type="Navigate">

<subsheetid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetid>

<loginhibit/>

<display x="15" y="-75" w="90" h="30"/>

<onsuccess>4847ae56-5456-4970-b14c-64267b508764</onsuccess>

<step>

<element id="846c919d-4f60-49ab-868d-2bd38025b517"/>

<action>

<id>Launch</id>

<arguments>

<argument>

<id>Path</id>

<value>

</value>

</argument>

<argument>

<id>CommandLineParams</id>

<value>[QA Root]&amp;"\Processes\Wildcards\BG-3405.txt"</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

</argument>

<argument>

<id>WorkingDirectory</id>

<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>Options</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="6a87607b-f9e0-41a2-9035-0ca686484341" name="Time Out - Wait for Notepad" type="W

<subsheetid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetid>

<loginhibit/>

<display x="105" y="15" w="60" h="60"/>

<onsuccess>bc0f785e-2c32-4931-9d66-bebb59801a38</onsuccess>

<groupid>3654d0a5-3bb0-485f-a375-0cc56dbebb39</groupid>

</stage>

<stage stageid="4847ae56-5456-4970-b14c-64267b508764" name="Wait for Notepad" type="WaitStart">

<subsheetid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetid>

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<groupid>3654d0a5-3bb0-485f-a375-0cc56dbebb39</groupid>

<choices>

<choice reply="True">

<name>Element with 1 Wildcard Check Exists</name>

<distance>60</distance>

<ontrue>c92e0930-dd0f-4dcc-b18a-9579a30cb26b</ontrue>

<element id="c2db0e08-8dbf-452a-9761-ffc4d98955e4"/>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="bc0f785e-2c32-4931-9d66-bebb59801a38" name="Element Not Found" type="Exception">

<subsheetid>75795c6f-7094-4a59-b0e4-eb7eba1467b9</subsheetid>

<display x="225" y="15" w="90" h="30"/>

<exception localized="yes" type="Bad Results" detail="&quot;Element Not Found&quot;"/>

</stage>

<stage stageid="362a7ffc-90f4-467f-85f2-06cf87925fc0" name="Check for 1 Wildcard" type="SubSheetInfo">

<subsheetid>6f599579-bfbe-4979-8722-8b3a64f25f31</subsheetid>

<display x="-195" y="-105" w="150" h="90"/>

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<stage stageid="c9bba905-c2f5-4a9e-be34-2cec39942bd7" name="Start" type="Start">

<subsheetid>6f599579-bfbe-4979-8722-8b3a64f25f31</subsheetid>
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<stage stageid="bbf1c6fc-74e0-4c50-8971-de5e1d080ed3" name="End" type="End">

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<display x="15" y="150"/>

</stage>

<stage stageid="aa80776a-74cb-44bb-912b-cd31b22b6584" name="Check for 2 Wildcard" type="SubSheet">

<subsheetsid>5e28efb5-9998-49e0-bec5-b1e1538d2898</subsheetsid>

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<display x="15" y="-120"/>

<onsuccess>37b87917-a242-4cfb-af6a-394f2955b527</onsuccess>

</stage>

<stage stageid="f8582f6f-463d-47d9-be71-2c023df66ef6" name="End" type="End">

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</stage>

<stage stageid="480c7ab5-6788-462b-a684-0d1d268c6d89" name="Check for 3 Wildcard" type="SubSheet">

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<onsuccess>c0b4eb0d-aad0-4729-84dd-6dd298beac9f</onsuccess>

</stage>

<stage stageid="239618f8-a599-4253-85f3-a4113831b085" name="End" type="End">

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<loginhibit/>

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</stage>

<stage stageid="99b5e9ed-7080-4898-976e-04270b6162c8" name="Read Notepad using 1 wildcard elem

<subsheetid>6f599579-bfbe-4979-8722-8b3a64f25f31</subsheetid>

<loginhibit/>

<display x="15" y="-60" w="120" h="30"/>

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<step stage="1 Wildcard Read">

<element id="c2db0e08-8dbf-452a-9761-ffc4d98955e4"/>

<action>

<id>GetWindowText</id>

</action>

</step>

</stage>

<stage stageid="14e5a6dc-c439-4d57-a744-b258c1daedbc" name="1 Wildcard Read" type="Data">

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<alwaysinit/>

</stage>

<stage stageid="47d746bf-5fee-4ab8-808c-500fa07da553" name="2 Wildcards Read" type="Data">

<subsheetsid>5e28efb5-9998-49e0-bec5-b1e1538d2898</subsheetsid>

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<display x="-270" y="-45" w="150" h="60"/>

</stage>

<stage stageid="37b87917-a242-4cfb-af6a-394f2955b527" name="Read Notepad using 2 wildcards element">

<subsheetsid>5e28efb5-9998-49e0-bec5-b1e1538d2898</subsheetsid>

<loginhibit/>

<display x="15" y="-30" w="90" h="30"/>

<onsuccess>f8582f6f-463d-47d9-be71-2c023df66ef6</onsuccess>

<step stage="2 Wildcards Read">

<element id="82ec4ea6-eb93-4d26-a8e4-016f3d595596"/>

<action>

<id>GetWindowText</id>

</action>

</step>

</stage>

<stage stageid="e95924cb-abae-4a70-acf2-7cee7c781463" name="Recover 2 wildcards" type="Recover">

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<onsuccess>777c95ce-9837-44db-baea-2c0586e75aa4</onsuccess>

</stage>

<stage stageid="7e9ffee9-5d93-4916-ae0e-78a007f4f798" name="Resume 2 wildcards" type="Resume">

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<display x="105" y="120"/>

<onsuccess>834a42f1-db0e-402c-8a88-fdbb785b3445</onsuccess>

</stage>

<stage stageid="83dcc9a5-58cd-4ae2-bec1-ca4f9a01ff40" name="Catch Expected Failure" type="Block">

<subsheetsid>5e28efb5-9998-49e0-bec5-b1e1538d2898</subsheetsid>

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<display x="-75" y="-75" w="225" h="105"/>

</stage>

<stage stageid="c0b4eb0d-aad0-4729-84dd-6dd298beac9f" name="Read Notepad using 3 wildcards elem

<subsheetsid>f75ef706-e50f-4f25-8ca0-7599aee281d2</subsheetsid>

<loginhibit/>

<display x="15" y="-45" w="90" h="30"/>

<onsuccess>239618f8-a599-4253-85f3-a4113831b085</onsuccess>

<step stage="3 Wildcards Read">

<element id="99aada34-2a73-4f8d-9ea1-1f4149d38fb1"/>

<action>

<id>GetWindowText</id>

</action>

</step>


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</stage>

<stage stageid="d85a372c-d9fb-4add-bfaf-97dcb8dd72a5" name="Recover 3 wildcards" type="Recover">

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<onsuccess>dbcb3161-1878-47d4-af95-65573899bf6c</onsuccess>

</stage>

<stage stageid="217bb042-557e-4a18-a0fe-6786094ae239" name="Resume 3 wildcards" type="Resume">

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<onsuccess>e97fa5bb-6af4-4aa2-8849-094b57b17a77</onsuccess>

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<stage stageid="d96eb053-5b0e-4735-b29b-39d25aeadb0f" name="Catch Expected Failures" type="Block">

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<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

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<stage stageid="dbcb3161-1878-47d4-af95-65573899bf6c" name=" Error Is Expected ?" type="Decision">

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<loginhibit/>

<display x="105" y="-15" w="90" h="30"/>

<decision expression="[Error is Expected?] = True&amp;#xA;AND&amp;#xA;InStr(ExceptionDetail(), &amp;"

<ontrue>217bb042-557e-4a18-a0fe-6786094ae239</ontrue>

<onfalse>8334d925-f6c6-4582-bcb2-146f9f33b138</onfalse>

</stage>
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<stage stageid="ff602b56-07d8-4337-b4df-2f5d2c78b4ba" name="Error is Expected?" type="Data">

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<datatype>flag</datatype>

<initialvalue>True</initialvalue>

<alwaysinit/>

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<onsuccess>239618f8-a599-4253-85f3-a4113831b085</onsuccess>

</stage>

<stage stageid="8334d925-f6c6-4582-bcb2-146f9f33b138" name="Error was not Expected" type="Exception">

<subsHEETid>f75ef706-e50f-4f25-8ca0-7599aee281d2</subsHEETid>

<display x="240" y="-15"/>

<exception localized="yes" type="BusinessException" detail=""Incorrectly Failed""/>

</stage>

<stage stageid="777c95ce-9837-44db-baea-2c0586e75aa4" name="Is Error Expected?" type="Decision">

<subsHEETid>5e28efb5-9998-49e0-bec5-b1e1538d2898</subsHEETid>

<loginhibit/>

<display x="105" y="15" w="90" h="30"/>

<decision expression="[Is error Expected ?] = True&#xA;AND&#xA;InStr(ExceptionDetail(), &

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<onfalse>c34a0474-9611-4850-bd4d-bed292c28076</onfalse>

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<display x="105" y="195" w="10" h="10"/>

<onsuccess>f8582f6f-463d-47d9-be71-2c023df66ef6</onsuccess>

</stage>

<stage stageid="c34a0474-9611-4850-bd4d-bed292c28076" name="Error was Not Expected" type="Exception">

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<exception localized="yes" type="BusinessException" detail=""Incorrectly Fails""/>

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<stage stageid="13f3a952-a23a-4325-af7a-38d6c196b5e0" name="Is error Expected ?" type="Data">

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<loginhibit/>

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<initialvalue>True</initialvalue>

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<stage stageid="82ae54f1-7d37-40d3-83fc-63cd41bd4343" name="Text Matches Expected?" type="Decision">

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<decision expression="[1 Wildcard Read]= "Hello World""/>

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<exception localized="yes" type="Bad Results" detail="&quot;Text Cannot be Found&quot;"/>
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<stage stageid="28d6dc3b-be21-4918-969a-abfe0010850f" name="Close" type="Navigate">
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<id>CloseWindow</id>
</action>
</step>
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</action>

</step>

</stage>

<stage stageid="d9c89b61-3900-4d64-8c92-2011abc99959" name="QA Root" type="Data">

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<element name="File Menu Item">

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<basetype>UIAMenuItem</basetype>

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<diagnose>False</diagnose>

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<name>Check WPF Expanded State (UIA)</name>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

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</stage>

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<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

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<import>System.Drawing</import>

<import>System.Data</import>

</imports>

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<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<display x="-180" y="60" w="180" h="230"/>

</stage>

<stage stageid="835f90cf-0780-4439-9389-2332086590b7" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

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<subsheetsid>b396b2ff-53d1-4a62-ab68-a559d729d9ee</subsheetsid>

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</stage>

<stage stageid="c90724af-a593-44bb-aa13-754a4717a945" name="End" type="End">

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</stage>

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<display x="15" y="30"/>

</stage>
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<stage stageid="e464ce31-fa8a-4eee-8194-80c86834c708" name="Press File Menu Item" type="Navigate">
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  <loginhibit/>
  <display x="15" y="-60" w="90" h="30"/>
  <onsuccess>c90724af-a593-44bb-aa13-754a4717a945</onsuccess>
  <step>
    <element id="f6be2e3d-dddb-4308-a3d1-eb2ef7ad05c1"/>
    <action>
      <id>UIMenuItemPress</id>
    </action>
  </step>
</stage>

<stage stageid="fc8e3bd2-69c7-4d7b-8305-afe60cc1e733" name="Get Expanded State" type="Read">
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  <onsuccess>5ed97574-54e7-4c9c-8085-d5922514c5a9</onsuccess>
  <step stage="Expanded State">
    <element id="f6be2e3d-dddb-4308-a3d1-eb2ef7ad05c1"/>
    <action>
      <id>UIAGetExpanded</id>
    </action>
  </step>
</stage>

<stage stageid="446b085e-aa9b-46ab-9c06-9297f0e8dc70" name="Expected State" type="Data">
  <subsheetid>fb621aec-8f16-445e-804c-f644fbd83e10</subsheetid>
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<initialvalue>True</initialvalue>

<private/>

<alwaysinit/>

</stage>

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<loginhibit/>

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<decision expression="[Expanded State]=[Expected State]"/>

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<onfalse>a9300761-ae23-4b03-b1ac-161e6db5f354</onfalse>

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<exception type="Bug" detail=""The expanded state was not what we were expecting. It should

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<step>

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<action>

<id>Launch</id>

<arguments>

<argument>

<id>Path</id>

<value>

</value>

</argument>

<argument>

<id>CommandLineParams</id>

<value>

</value>

</argument>

<argument>

<id>WorkingDirectory</id>

<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

</argument>

<argument>

<id>Options</id>

<value>

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</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="6cbf5c83-ba0b-4e1b-906d-5410b36ac116" name="Terminate" type="Navigate">

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<step>

<element id="b0a6b1ae-8162-4eda-94a3-acedcf471569"/>

<action>

<id>Terminate</id>

</action>

</step>

</stage>

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<action>

<id>Terminate</id>

</action>

</step>

</stage>

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<stage stageid="96467041-c69d-40b9-845f-6d2bc9f8e1a4" name="Wait for File Menu Item" type="WaitSta

<subsheetid>a51e08b3-95db-47dd-ae3c-7a08f6c5e022</subsheetid>

<loginhibit/>

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<groupid>4c1ee09d-93e5-4a64-8977-31b8c4f3d387</groupid>

<choices>

<choice reply="True">

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<distance>45</distance>

<ontrue>07cf6e41-a5d0-4d46-9cc3-bfaff27c6373</ontrue>

<element id="f6be2e3d-dddb-4308-a3d1-eb2ef7ad05c1"/>

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<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>30</timeout>

</stage>

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</stage>
</process>
<process name="Notepad Key Event Sender" version="1.0" bpversion="5.0.999.999" narrative="" type="ob
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<id>9aae4e5f-b968-4735-8e6e-2c74d2d03638</id>
<element name="Main Window">
<id>f5a137e6-c5a2-48ce-8155-6997f903c7ba</id>
<element name="Text Area">
<id>b1f2f6bd-fb6d-491e-a7e0-444998daaaa8</id>
<type>Edit</type>
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<datatype>text</datatype>
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<ProcessValue datatype="text" value="What is this &#xD;&#xA;Silly Nonsense?"/>
</attribute>
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</attribute>
<attribute name="CtrlID">
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<attribute name="AncestorsText">

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</attribute>

<attribute name="AncestorCount">

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</attribute>

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<diagnose>False</diagnose>

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<parameters>

<parameter>

<name>Path</name>

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<value>

</value>

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<parameter>

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<value>

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</parameter>

<parameter>

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<parameter>

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</view>

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<narrative>

</narrative>

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<loginhibit/>

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<reference>System.Data.dll</reference>

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</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

<stage stageid="aa41abd1-1fc0-4541-8efe-aa00a7d1c509" name="Clean Up" type="SubSheetInfo">

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<stage stageid="a62c4034-2fdf-47f5-b97c-cb5308c66207" name="End" type="End">

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<stage stageid="56fc56ab-b34a-44d3-9bb5-db05682fb0ab" name="Note1" type="Note">

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<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

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</stage>

<stage stageid="2a2e4b7a-f866-4402-bb76-44348f921f5a" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business object is created.

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than at the start of the business object.

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</stage>

<stage stageid="00b00260-ade9-4f94-8c26-0a1d30304a7e" name="Launch" type="SubSheetInfo">

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</stage>

<stage stageid="713ba8fa-2923-43b9-95c4-50ef37eef2f6" name="End" type="End">

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<stage stageid="a67a24f6-d019-40a9-b32c-67e796b924ef" name="LAUNCH" type="Navigate">
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<onsuccess>43d5e180-2387-4f00-9e40-c135a184344b</onsuccess>

<step>

<element id="9aae4e5f-b968-4735-8e6e-2c74d2d03638"/>

<action>

<id>Launch</id>

<arguments>

<argument>

<id>Path</id>

<value>

</value>

</argument>

<argument>

<id>CommandLineParams</id>

<value>

</value>

</argument>

<argument>

<id>WorkingDirectory</id>

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<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="577c8473-66b0-43cd-9a17-15bedcfd4e43" name="Check Connected" type="Read">

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<onsuccess>4f6f202d-b218-463a-8364-53ed74104f84</onsuccess>

<step stage="Connected?">

<element id="9aae4e5f-b968-4735-8e6e-2c74d2d03638"/>

<action>

<id>IsConnected</id>

</action>

</step>

</stage>

<stage stageid="4f6f202d-b218-463a-8364-53ed74104f84" name="Is Connected?" type="Decision">

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<decision expression="[Connected?]"/>

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<onfalse>a67a24f6-d019-40a9-b32c-67e796b924ef</onfalse>

</stage>

<stage stageid="f80dc73e-af3d-4f10-aa87-e04ca1ae2443" name="o" type="WaitEnd">

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<onsuccess>484fdde5-62f3-4644-8e2b-fae7588d5f</onsuccess>

<groupid>538c9781-62bf-43f0-bdc4-7b6955634367</groupid>

</stage>

<stage stageid="43d5e180-2387-4f00-9e40-c135a184344b" name="Wait For Text Area" type="WaitStart">

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<groupid>538c9781-62bf-43f0-bdc4-7b6955634367</groupid>

<choices>

<choice reply="True">

<name>Text Area Check Exists</name>

<distance>75</distance>

<ontrue>713ba8fa-2923-43b9-95c4-50ef37eef2f6</ontrue>

<element id="b1f2f6bd-fb6d-491e-a7e0-444998daaaa8"/>

<condition>

<id>CheckExists</id>

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</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="484fdde5-62f3-4644-8e2b-fae7588d5f" name="FAIL" type="Exception">

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<exception type="MissingElementException" detail="&quot;Couldn't find notepad's text area&quot;">

</stage>

<stage stageid="f71a8925-6ba9-4bdd-bf36-7005eaa8bc8b" name="Connected?" type="Data">

<subsheetid>f1cca620-33b1-4c71-88c8-977ed9511b4e</subsheetid>

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<datatype>flag</datatype>
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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b7a2071b-22f0-46f7-b71f-7d58c8bd647e" name="Populate Notepad with Lorem Ipsum" type="Populate Notepad with Lorem Ipsum">

<subsheetid>4bdda571-bd4f-4a21-9795-6fb0d2c63fa2</subsheetid>

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<stage stageid="973f620f-7ddf-40c5-a7ee-dcc985a99222" name="Start" type="Start">

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<onsuccess>5537859a-7e31-4c45-9975-c73793aaedb7</onsuccess>

</stage>

<stage stageid="06bd31db-42c6-4b37-8608-5d23dbeb9176" name="End" type="End">
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<stage stageid="5537859a-7e31-4c45-9975-c73793aaedb7" name="Lorem" type="Write">

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<onsuccess>06bd31db-42c6-4b37-8608-5d23dbeb9176</onsuccess>

<step expr="[Lorem Ipsum]">

<element id="b1f2f6bd-fb6d-491e-a7e0-444998daaaa8"/>

</step>

</stage>

<stage stageid="7dc288fd-99b0-4b1a-831c-713b6c56eb3f" name="Select And Copy" type="SubSheetInfo">

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

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</stage>

<stage stageid="ab791916-d381-4ade-a010-7677e362b5e2" name="Start" type="Start">

<subsheetsid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetsid>

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<narrative>

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<inputs>

<input type="number" name="X" narrative="X co-ord to start the selection from" stage="x"/>

<input type="number" name="Y" narrative="Y co-ord to start the selection from" stage="y"/>

<input type="text" name="Key" narrative="The key to use - this must make sense to use with 'Shift' - eg. &

</inputs>

<onsuccess>1b86333a-4e49-4510-9bd8-60b7349e1e4a</onsuccess>

</stage>

<stage stageid="4f849b9f-57bd-440d-b7cd-0757f9c971fe" name="End" type="End">

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<outputs>

<output type="text" name="Selected Text" narrative="The text that was selected after sending the given key" />

</outputs>

</stage>

<stage stageid="0875749d-770f-4e9b-8bf0-999b79f42ef6" name="Send Key Events (key)" type="Navigation" />

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

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<onsuccess>9c488c09-38ea-4be3-b6ca-038a19c02ccc</onsuccess>

<step>

<element id="9aae4e5f-b968-4735-8e6e-2c74d2d03638"/>

<action>

<id>SendKeyEvents</id>
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```
<arguments>

<argument>

<id>newtext</id>

<value>"&lt;{SHIFT}" &amp; [key] &amp; ">{SHIFT}"</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="55551efd-12ed-4977-9cca-1186e8e39c9e" name="Activate" type="Navigate">

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<onsuccess>bad16479-e072-48fe-af91-91db99204107</onsuccess>

<step>

<element id="f5a137e6-c5a2-48ce-8155-6997f903c7ba"/>

<action>

<id>ActivateApp</id>

</action>

</step>

</stage>
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<stage stageid="bad16479-e072-48fe-af91-91db99204107" name="Click Window" type="Navigate">
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<step>
<element id="f5a137e6-c5a2-48ce-8155-6997f903c7ba"/>
<action>
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<id>targx</id>
<value>[x]</value>
</argument>
<argument>
<id>targy</id>
<value>[y]</value>
</argument>
<argument>
<id>newtext</id>
<value>
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</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="a0372b66-d2e5-4c15-9baa-40de8d686db3" name="x" type="Data">

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<datatype>number</datatype>

<initialvalue>500</initialvalue>

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<alwaysinit/>

</stage>

<stage stageid="93baa621-21c1-4039-bdb5-bcff0e042ccb" name="y" type="Data">

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<private/>

<alwaysinit/>

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<datatype>text</datatype>

<initialvalue xml:space="preserve">HOME</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1b86333a-4e49-4510-9bd8-60b7349e1e4a" name="Validate Key" type="ChoiceStart">

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<groupid>f11541d9-5a1a-49d5-af9e-4eaa25c30126</groupid>

<choices>

<choice expression="[key] = "HOME"">

<name>Home</name>

<distance>35</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "END"">

<name>End</name>

<distance>45</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "UP"">

<name>Up</name>

<distance>65</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "DOWN"">

<name>Down</name>

<distance>86.6666641</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "LEFT"">

<name>Left</name>

<distance>108.333328</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "RIGHT"">

<name>Right</name>

<distance>130</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "PGUP"">

<name>PgUp</name>

<distance>150</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

<choice expression="[key] = "PGDN"">

<name>PgDn</name>

<distance>180</distance>

<ontrue>60973903-ee46-4716-baaa-e12fe5951cd9</ontrue>

</choice>

</choices>

</stage>

<stage stageid="53dcfe69-bbaf-4711-bc1e-967bc499db64" name="x" type="ChoiceEnd">

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

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<onsuccess>ba9cfd11-6281-4654-abee-713d3ad726f2</onsuccess>

<groupid>f11541d9-5a1a-49d5-af9e-4eaa25c30126</groupid>

</stage>

<stage stageid="60973903-ee46-4716-baaa-e12fe5951cd9" name="Anchor1" type="Anchor">

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

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<onsuccess>55551efd-12ed-4977-9cca-1186e8e39c9e</onsuccess>

</stage>

<stage stageid="ba9cfd11-6281-4654-abee-713d3ad726f2" name="FAIL" type="Exception">

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<exception type="InvalidValueException" detail="&quot;Invalid key given for this action: &quot; &
</stage>

<stage stageid="ba78e68c-b56e-4ead-8fba-4ba9c6c5ef4c" name="Lorem Ipsum" type="Data">

<subsheetid>4bdda571-bd4f-4a21-9795-6fb0d2c63fa2</subsheetid>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam efficitur, e
Cras ac dui et enim malesuada tincidunt. Interdum et malesuada fames ac ante ipsum primis in faucibus.
Donec leo ex, fermentum quis pretium eget, mollis et sapien. Quisque iaculis aliquet varius. In aliquam nibl
Nunc cursus elementum augue quis faucibus. Quisque in molestie dolor.
Donec laoreet sed leo vel tempus. Mauris hendrerit at odio a dignissim. Aliquam dolor augue, vestibulum a

<private/>

<alwaysinit/>

</stage>

<stage stageid="0bf70cb7-38c3-4280-83a3-b0a00c3b5de9" name="Send Keys (Ctrl-c)" type="Navigate">

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

<loginhibit/>

<narrative>

</narrative>
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<displayheight>30</displayheight>

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<onsuccess>be5e4f2d-c2bb-4679-acad-52f528e8dda8</onsuccess>

<step>

<element id="9aae4e5f-b968-4735-8e6e-2c74d2d03638"/>

<action>

<id>SendKeys</id>

<arguments>

<argument>

<id>newtext</id>

<value>"^C"</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="be5e4f2d-c2bb-4679-acad-52f528e8dda8" name="Get Clipboard" type="Action">

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>210</displayy>

<displaywidth>60</displaywidth>
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<displayheight>30</displayheight>

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<outputs>

<output type="text" name="Clipboard" narrative="The value from the clipboard." stage="Clipboard"/>

</outputs>

<onsuccess>4f849b9f-57bd-440d-b7cd-0757f9c971fe</onsuccess>

<resource object="Utility - Environment" action="Get Clipboard"/>

</stage>

<stage stageid="fc0add87-34e0-42dc-aff7-4749f4106962" name="Clipboard" type="Data">

<subsheetsid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetsid>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="bb7b433c-bd7c-43a4-a2e8-3bfbcb0f2d2a0" name="Terminate" type="SubSheetInfo">

<subsheetsid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetsid>

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</narrative>

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</stage>

<stage stageid="8896e5b1-2fdb-4d4e-947a-e53fc69c2be0" name="Start" type="Start">

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</narrative>

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<displayheight>30</displayheight>

<onsuccess>234b1390-c385-4bcb-96e5-eb605662a694</onsuccess>

</stage>

<stage stageid="d2e1ce41-b0c6-4e77-9933-b04f36a5ec4b" name="End" type="End">

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<loginhibit/>

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</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>


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</stage>

<stage stageid="9434e223-c7fc-49c4-bc55-df0db5777c19" name="TERMINATE" type="Navigate">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

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<onsuccess>eebd3082-1be6-4506-bc2c-049de1e4d487</onsuccess>

<step>

<element id="9aae4e5f-b968-4735-8e6e-2c74d2d03638"/>

<action>

<id>Terminate</id>

</action>

</step>

</stage>

<stage stageid="234b1390-c385-4bcb-96e5-eb605662a694" name="Check Connected" type="Read">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

<loginhibit/>

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</narrative>

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<displaywidth>60</displaywidth>
```

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<displayheight>30</displayheight>

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<onsuccess>64832c8d-65d1-4d73-bdc1-b09ccd6b9902</onsuccess>

<step stage="Connected?">

<element id="9aae4e5f-b968-4735-8e6e-2c74d2d03638"/>

<action>

<id>IsConnected</id>

</action>

</step>

</stage>

<stage stageid="64832c8d-65d1-4d73-bdc1-b09ccd6b9902" name="Is Connected?" type="Decision">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<decision expression="[Connected?]" />

<ontrue>9434e223-c7fc-49c4-bc55-df0db5777c19</ontrue>

<onfalse>eebd3082-1be6-4506-bc2c-049de1e4d487</onfalse>

</stage>

<stage stageid="0a1be775-39ec-4e4d-a89b-7ac5a8aaa50c" name="o" type="WaitEnd">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

<loginhibit/>
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</narrative>

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<groupid>f5867c15-fb90-434d-b29b-4a51155d2b1e</groupid>

</stage>

<stage stageid="eebd3082-1be6-4506-bc2c-049de1e4d487" name="Wait For Text Area" type="WaitStart">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

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<groupid>f5867c15-fb90-434d-b29b-4a51155d2b1e</groupid>

<choices>

<choice reply="True">

<name>Text Area Check Exists</name>

<distance>90</distance>

<ontrue>d2e1ce41-b0c6-4e77-9933-b04f36a5ec4b</ontrue>

<element id="b1f2f6bd-fb6d-491e-a7e0-444998daaaa8"/>
```

```
<condition>

<id>CheckExists</id>

</condition>

<comparetype>NotEqual</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="0d06e615-fe46-4a26-8d1c-17b7e3909e01" name="FAIL" type="Exception">

<subsHEETid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsHEETid>

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</narrative>

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<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<exception type="ElementPresentException" detail="&quot;Notepad's text area still present - should b

</stage>

<stage stageid="3e0445c7-cb95-43f4-a0dc-f36d731b1331" name="Connected?" type="Data">

<subsHEETid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsHEETid>

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</narrative>

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<displayy>-30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d0c72b31-c45e-44d8-8d6c-affc83aa350a" name="." type="Block">

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</stage>

<stage stageid="53a94604-e9d6-485c-8256-2fc2d0bd7338" name="Not Connected?" type="Decision">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>


```
<decision expression="InStr(ExceptionDetail(), &quot;Not Connected&quot;) &gt; 0"/>
<ontrue>40bfe375-5b7d-466d-9c1f-a2ec73d0f814</ontrue>
<onfalse>aef67cfa-1737-46a2-a4ac-c953549122e2</onfalse>
</stage>
<stage stageid="34e8c967-da31-4178-82fc-ff6544022047" name="Recover" type="Recover">
<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>
<loginhibit/>
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<onsuccess>53a94604-e9d6-485c-8256-2fc2d0bd7338</onsuccess>
</stage>
<stage stageid="40bfe375-5b7d-466d-9c1f-a2ec73d0f814" name="Resume1" type="Resume">
<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>
<loginhibit/>
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<displayy>135</displayy>
<displaywidth>60</displaywidth>
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<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>d2e1ce41-b0c6-4e77-9933-b04f36a5ec4b</onsuccess>
```

```
</stage>

<stage stageid="aef67cfa-1737-46a2-a4ac-c953549122e2" name="FAIL" type="Exception">

<subsheetid>6e511e38-47d2-4fad-aa4b-2ed371e1a495</subsheetid>

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<exception type="" detail="" usecurrent="yes"/>

</stage>

<stage stageid="9c488c09-38ea-4be3-b6ca-038a19c02ccc" name="Clear Clipboard" type="Action">

<subsheetid>72ecb6a4-7433-42f6-8556-a9cac46b84e1</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>0bf70cb7-38c3-4280-83a3-b0a00c3b5de9</onsuccess>

<resource object="Utility - Environment" action="Clear Clipboard"/>

</stage>

</process>

<process name="Object (BG-3449)" version="1.0" bpversion="6.6.0.13125" narrative="" byrefcollection="tr
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<appdef>

<element name="Application Root">

<id>7256d020-09d7-4a5c-8fb3-2c226f9cec06</id>

<type>Application</type>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

</appdef>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="186497dd-7394-419c-af39-6bae93e1a9ce" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="cf6cf399-b6da-4d37-9a6b-981c9f55cf00" type="Normal" published="True">

<name>Action 1</name>

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<cameray>0</cameray>

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</view>

</subsheet>

<stage stageid="4e8e172d-3cca-4e0c-a8c5-111afba30787" name="Start" type="Start">

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<narrative>

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<displaywidth>60</displaywidth>

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<onsuccess>55a3228e-35bf-4c16-9cad-2dc33d522933</onsuccess>

</stage>

<stage stageid="55a3228e-35bf-4c16-9cad-2dc33d522933" name="End" type="End">

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="f36531d8-d32b-43a1-ad98-3f17ad1ddeb1" name="Stage1" type="ProcessInfo">

<narrative>

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</narrative>

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<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

<stage stageid="3338c2ab-6ccc-40d9-ba74-bbbd80f46d78" name="Clean Up" type="SubSheetInfo">

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<narrative>

</narrative>

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</stage>

<stage stageid="7926d256-224d-43d9-8aee-416cb695957b" name="Start" type="Start">

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<loginhibit/>

<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>970cd841-c438-428e-8077-ecedcad67714</onsuccess>

</stage>

<stage stageid="970cd841-c438-428e-8077-ecedcad67714" name="End" type="End">

<subsheetid>186497dd-7394-419c-af39-6bae93e1a9ce</subsheetid>

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<narrative>

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<displaywidth>60</displaywidth>

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</stage>
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</narrative>
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<displaywidth>150</displaywidth>
<displayheight>90</displayheight>
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</stage>

<stage stageid="11bd41a6-f4e5-4ec0-806d-4e48e1c4f585" name="Start" type="Start">
<subsheetsid>cf6cf399-b6da-4d37-9a6b-981c9f55cf00</subsheetsid>
<loginhibit/>
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</narrative>
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<displayy>-105</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>c4c148c1-768e-4c42-910e-94a1dff5d4ac</onsuccess>
</stage>

<stage stageid="cc5438dc-e177-49d1-a28f-b1a7633c796a" name="End" type="End">
<subsheetsid>cf6cf399-b6da-4d37-9a6b-981c9f55cf00</subsheetsid>
<loginhibit/>
<narrative>
</narrative>
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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

</stage>

<stage stageid="9cc3b68c-d2b3-465a-9c42-4625c56b2845" name="Note1" type="Note">

<subsheetid>186497dd-7394-419c-af39-6bae93e1a9ce</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="0c4b1e1a-989c-4257-8ab7-cc508760103a" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business ob

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="c4c148c1-768e-4c42-910e-94a1dff5d4ac" name="Note3" type="Note">

<subsHEETid>cf6cf399-b6da-4d37-9a6b-981c9f55cf00</subsHEETid>

<narrative>Hi there! I am the new and improved XML!</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<onsuccess>cc5438dc-e177-49d1-a28f-b1a7633c796a</onsuccess>

</stage>

</process>

<process name="Object for Validation" version="1.0" bpversion="6.3.0.2948" narrative="Used for testing va

<appdef>

<element name="Application Root">

<id>0e95712a-981a-4d24-ab5c-7db4f362c1db</id>

<type>Application</type>

<basetype>Application</basetype>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

</appdef>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="1f24f79a-7230-42e6-bdab-a1c19a39fb05" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

<camerax>0</camerax>

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<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="d7dd0677-beb4-4c84-9088-358c20fab53a" type="Normal" published="True">

<name>Test Action 1</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="1b88aedef-855f-47e3-8b82-8d6cb76d28e6" type="Normal" published="True">

<name>Output Action</name>

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<cameray>42</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="fd5a1afc-e5b2-4f62-8764-27a4aebf12a4" type="Normal" published="False">

<name>Test Action 2 - Deleted</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="70fb0ec0-1309-4050-9dc0-50e0f1fd77fb" type="Normal" published="True">

<name>Edit User</name>

<view>

<camerax>436</camerax>

<cameray>-50</cameray>

<zoom version="2">0.625</zoom>

</view>

</subsheet>

<stage stageid="7dab7c67-4df7-41a4-81e2-fe3874bbca5e" name="Start" type="Start">

<loginhibit/>

<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<onsuccess>5ec765d6-3393-47c4-ab1a-69ed04ce4dc5</onsuccess>

</stage>

<stage stageid="5ec765d6-3393-47c4-ab1a-69ed04ce4dc5" name="End" type="End">

<loginhibit/>

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<displaywidth>60</displaywidth>

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</stage>

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<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>150</displaywidth>

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<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

<stage stageid="48b3c120-6691-40d7-af1b-58444399668f" name="Clean Up" type="SubSheetInfo">

<subsheetsid>1f24f79a-7230-42e6-bdab-a1c19a39fb05</subsheetsid>

<narrative>

</narrative>

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</stage>

<stage stageid="a3eeef4f-7e68-4158-83e1-af6b2c9330f6" name="Start" type="Start">

<subsheetsid>1f24f79a-7230-42e6-bdab-a1c19a39fb05</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

$$15$$

$$-105$$

$$60$$

$$30$$

<onsuccess>0ed10410-8faa-4cfa-a4ba-13832b89f8b9</onsuccess>

</stage>

<stage stageid="0ed10410-8faa-4cfa-a4ba-13832b89f8b9" name="End" type="End">

<subsheetsid>1f24f79a-7230-42e6-bdab-a1c19a39fb05</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

$$15$$

$$90$$

$$60$$

$$30$$

</stage>

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</narrative>

$$-165$$

$$-75$$

$$150$$

$$90$$

</stage>

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</narrative>

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</stage>

<stage stageid="765267b7-388b-4b22-a01e-a2616bb79ba5" name="End" type="End">

<subsheetid>d7dd0677-beb4-4c84-9088-358c20fab53a</subsheetid>

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</narrative>

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<subsheetid>1f24f79a-7230-42e6-bdab-a1c19a39fb05</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="78984b9e-1839-4665-8d41-dbaf1336269a" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="55225e47-90c5-4ef2-9051-918230f243b1" name="Test Action 2 - Deleted" type="SubShe

<subsheetid>fd5a1afc-e5b2-4f62-8764-27a4aebf12a4</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="b95a3a72-8b9c-45d8-ace4-2ebfb0ac2fff" name="Start" type="Start">

<subsheetid>fd5a1afc-e5b2-4f62-8764-27a4aebf12a4</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<onsuccess>5cedbbfd-c7e6-45a1-9ee3-627b60d412f8</onsuccess>

</stage>

<stage stageid="5cedbbfd-c7e6-45a1-9ee3-627b60d412f8" name="End" type="End">

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<loginhibit/>

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</narrative>

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<displaywidth>60</displaywidth>

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</stage>

<stage stageid="7457ea94-e15e-47c3-98f8-a476bc318ae4" name="Edit User" type="SubSheetInfo">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

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<displayheight>90</displayheight>

</stage>

<stage stageid="db697d37-1210-4548-85a8-155a426eadb2" name="Start" type="Start">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>-75</displayx>

<displayy>-510</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="checkbox" name="Set Username?" narrative="True or False, do you want to set the username?" st


```
<input type="text" name="User" narrative="The name of the user you wish to edit." stage="User"/>
<input type="text" name="Username" narrative="The username you wish to set your user to." stage="User" />
<input type="flag" name="Set Password?" narrative="True or False, do you want to set the password?" stage="User" />
<input type="password" name="Password" narrative="The password you want to set for your user." stage="User" />
<input type="flag" name="Set User Expiry?" narrative="True or False, do you want to set the user expiry?" stage="User" />
<input type="date" name="User Expiry" narrative="The user expiry date you wish to set." stage="User Expiry" />
<input type="flag" name="Set Password Expiry?" narrative="True or False, do you want to set the password expiry?" stage="User" />
<input type="date" name="Password Expiry" narrative="The password expiry date you wish to set." stage="User" />
<input type="flag" name="Set Password Duration?" narrative="True or False, do you want to set the password duration?" stage="User" />
<input type="text" name="Password Duration" narrative="The password duration you wish to set." stage="User" />
<input type="flag" name="Set Roles?" narrative="True or False, do you want to set the roles?" stage="Set Roles" />
<input type="collection" name="Roles" narrative="The roles you wish to give the user." stage="Roles"/>
</inputs>

<onsuccess>04763fc3-981d-4159-9bb9-5e299ec2253d</onsuccess>

</stage>

<stage stageid="04763fc3-981d-4159-9bb9-5e299ec2253d" name="End" type="End">

<subsheetid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="dff5db9c-78ce-4843-a6f4-fd8f563ee3e9" name="Set Username?" type="Data">
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</narrative>

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<datatype>flag</datatype>

<initialvalue>False</initialvalue>

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<alwaysinit/>

</stage>

<stage stageid="3f67b6ed-a449-49c0-8f98-fea168d82a2b" name="Username" type="Data">

<subsheetid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetid>

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<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

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<stage stageid="bd2828a4-6ec1-48b3-8c7e-79b6414eebc7" name="Set Password?" type="Data">
<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>
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</narrative>
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<displayy>-300</displayy>
<displaywidth>150</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<datatype>flag</datatype>
<initialvalue>False</initialvalue>
<private/>
<alwaysinit/>
</stage>
```

```
<stage stageid="29adaa06-e284-4654-bea1-f27181dd81a8" name="Password" type="Data">
<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>
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</narrative>
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<displayy>-270</displayy>
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<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<datatype>password</datatype>
<initialvalueenc>
</initialvalueenc>
<private/>
```

```
<alwaysinit/>

</stage>

<stage stageid="572b0f60-9d65-4b48-98fd-9aa7d32db147" name="Set User Expiry?" type="Data">

<subsheetid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetid>

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</narrative>

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<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d838c892-cc92-416a-8ec5-8a9e4008e33e" name="User Expiry" type="Data">

<subsheetid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetid>

<narrative>

</narrative>

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<displayy>-210</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<datatype>date</datatype>

<initialvalue/>
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<private/>

<alwaysinit/>

</stage>

<stage stageid="1966ab90-6dd6-4bab-8268-68c9ccc105df" name="Set Password Expiry?" type="Data">

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<narrative>

</narrative>

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<displayy>-180</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="0ac35075-871f-496c-927d-f8bf78c2c1e0" name="Password Expiry" type="Data">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

<narrative>

</narrative>

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<displayy>-150</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>date</datatype>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5677b7c4-c0c0-49ae-a112-6d6139983ad9" name="Set Password Duration?" type="Data">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

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</narrative>

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<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="13c62696-0619-433f-becc-a9631e555d45" name="Password Duration" type="Data">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

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</narrative>

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<displayy>-90</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>
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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5130e14a-5e60-4205-92a3-5bcbc8f7c925" name="Set Roles?" type="Data">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

<narrative>

</narrative>

<displayx>-255</displayx>

<displayy>-60</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="7f693a55-81b8-465d-a47d-c428149a2616" name="Roles" type="Collection">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

<narrative>

</narrative>

<displayx>-255</displayx>

<displayy>-30</displayy>

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<displayheight>30</displayheight>

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<private/>
<alwaysinit/>
</stage>
<stage stageid="7ddf78b9-4c43-4f56-b4fe-f06c1e49c77e" name="Full Roles" type="Collection">
<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>
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</narrative>
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<displayy>0</displayy>
<displaywidth>150</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
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<private/>
<alwaysinit/>
<collectioninfo>
<field name="Role" type="text" namespace=""/>
</collectioninfo>
<initialvalue>
<row>
<field name="Role" type="text" value="Alert Subscriber"/>
</row>
<row>
<field name="Role" type="text" value="Developer"/>
</row>
```



```
<row>

<field name="Role" type="text" value="Process Administrator"/>

</row>

<row>

<field name="Role" type="text" value="Runtime Resource"/>

</row>

<row>

<field name="Role" type="text" value="Schedule Manager"/>

</row>

<row>

<field name="Role" type="text" value="System Administrator"/>

</row>

<row>

<field name="Role" type="text" value="Tester"/>

</row>

</initialvalue>

</stage>

<stage stageid="c946e134-2b85-4ec1-a1e9-05223ec267f0" name="User" type="Data">

<subsheetsid>70fb0ec0-1309-4050-9dc0-50e0f1fd77fb</subsheetsid>

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<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4dbb4e39-d5c7-4091-8333-73ebcfed5fb3" name="Output Action" type="SubSheetInfo">

<subsheetsid>1b88aede-855f-47e3-8b82-8d6cb76d28e6</subsheetsid>

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</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

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</stage>

<stage stageid="335c534d-62e7-44c8-906e-2c6decdd57ecf" name="Start" type="Start">

<subsheetsid>1b88aede-855f-47e3-8b82-8d6cb76d28e6</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displayheight>30</displayheight>

<onsuccess>86b02458-d35d-463c-8c2d-6d14af3c7613</onsuccess>

</stage>

<stage stageid="86b02458-d35d-463c-8c2d-6d14af3c7613" name="End" type="End">

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<subsheetid>1b88aedef-855f-47e3-8b82-8d6cb76d28e6</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>60</displayy>

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<outputs>

<output type="text" name="Scheme" narrative="Text" stage="Scheme"/>

<output type="number" name="Policy Number" narrative="Number" stage="Policy Number"/>

<output type="flag" name="Member Expired?" narrative="Flag" stage="Member Expired?"/>

<output type="collection" name="Client Details" narrative="Collection" stage="Client Details"/>

</outputs>

</stage>

<stage stageid="477ae1c9-11fc-499c-a756-a49fac0af106" name="Policy Number" type="Data">

<subsheetid>1b88aedef-855f-47e3-8b82-8d6cb76d28e6</subsheetid>

<narrative>

</narrative>

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<displayy>45</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<initialvalue/>

<private/>
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<alwaysinit/>

</stage>

<stage stageid="875d0783-3ec1-4fc5-842c-7483d3c020a3" name="Scheme" type="Data">

<subsheetid>1b88aede-855f-47e3-8b82-8d6cb76d28e6</subsheetid>

<narrative>

</narrative>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f4255088-752e-4ab6-bdb1-9e78ca8dff85" name="Member Expired?" type="Data">

<subsheetid>1b88aede-855f-47e3-8b82-8d6cb76d28e6</subsheetid>

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</narrative>

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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1ba7d865-84d8-4397-9430-4ecd1274ddb9" name="Client Details" type="Collection">

<subsheetsid>1b88aede-855f-47e3-8b82-8d6cb76d28e6</subsheetsid>

<narrative>

</narrative>

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<displaywidth>120</displaywidth>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="59b08e9a-c3b5-443d-85b0-6bbdd1aa08e2" name="Output Variables" type="Block">

<subsheetsid>1b88aede-855f-47e3-8b82-8d6cb76d28e6</subsheetsid>

<narrative>

</narrative>

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<displayy>-45</displayy>

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<displayheight>150</displayheight>

</stage>

</process>

<process name="OCR Test Application" version="1.0" bpversion="6.3.0.4051" narrative="Performs actions

<appdef>

<element name="OCR Test Application">

<id>18711091-4daa-408c-adaa-50b38b725e7a</id>

<element name="Main Window">

<id>b9e8ec79-c2b6-41fd-b0ff-5777c8cd8522</id>

<type>Window</type>

<basetype>Window</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText" inuse="True">

<ProcessValue datatype="text" value="Automated Test Form in VS2005"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="WindowsForms10.Window"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="32"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="32"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="1058"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="976"/>

</attribute>

<attribute name="Visible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="ScreenVisible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Enabled" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Active">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Ordinal">

<ProcessValue datatype="number" value="3"/>

</attribute>

<attribute name="ChildCount">

<ProcessValue datatype="number" value="59"/>

</attribute>

<attribute name="AncestorsText">

<ProcessValue datatype="text" value="<UNKNOWN>"/>

</attribute>

<attribute name="AncestorCount">

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<ProcessValue datatype="number" value="1"/>

</attribute>

<attribute name="TypeName">

<ProcessValue datatype="text" value=""/>

</attribute>

<attribute name="ScreenBounds">

<ProcessValue datatype="text" value="RECT:41,70,998,1080"/>

</attribute>

<attribute name="Style">

<ProcessValue datatype="number" value="382664704"/>

</attribute>

<attribute name="MatchIndex">

<ProcessValue datatype="number" value="1"/>

</attribute>

<attribute name="MatchReverse">

<ProcessValue datatype="flag" value="True"/>

</attribute>

</attributes>

</element>

<element name="Press Me Button">

<id>22dd2fb0-9fc2-41e0-8789-b52302a7b6d3</id>

<type>Button</type>

<basetype>Button</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText" inuse="True">
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<ProcessValue datatype="text" value="Press Me"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="WindowsForms10.BUTTON"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="663"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="329"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="89"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="28"/>

</attribute>

<attribute name="Visible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="ScreenVisible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Enabled" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Active">

<ProcessValue datatype="flag" value="False"/>

</attribute>

<attribute name="Ordinal">

<ProcessValue datatype="number" value="18"/>

</attribute>

<attribute name="ChildCount">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="AncestorsText">

<ProcessValue datatype="text" value="Automated Test Form in VS2005 <UNKNOWN> "/>

</attribute>

<attribute name="AncestorCount">

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</parameter>

<parameter>

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<name>WorkingDirectory</name>

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<parameter>

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</parameters>

</apptypeinfo>

</appdef>

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<name>Close</name>

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<name>Read OCR - Single Character</name>

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<name>Click Press Me Button</name>

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</imports>

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<code></code>

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<narrative>Start the application and check that it exists</narrative>

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<subsheetid>632abd31-5c09-49f3-b22b-6017d9f94770</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="0b8927b0-273d-4b2b-9777-0180a0d24eab" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business object

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="9161cbcf-548a-4f4f-8093-4c01184ebb22" name="Launch Application" type="Navigate">

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<displayy>-45</displayy>

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<onsuccess>314b6027-34fe-4ee7-9228-90a9ad6344b9</onsuccess>

<step>

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<action>

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<arguments>

<argument>

<id>Path</id>

<value>[QA Root] & "\Code\UIAApp\UIATestApp\bin\Debug\UIATestApp.exe"</value>

</argument>

<argument>

<id>CommandLineParams</id>

<value>

</value>

</argument>

<argument>

<id>WorkingDirectory</id>

<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

</argument>

<argument>

<id>Options</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="5d80ef00-1661-4f33-8038-2585fccad297" name="Time Out1" type="WaitEnd">

<subsheetid>bac4a1ff-2de7-43e6-9a41-4fb398761bd0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>15</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

<onsuccess>be467264-796e-438f-a7b9-ca71ee6839c8</onsuccess>

<groupid>dee40065-92c3-4124-a7c2-e05af807b429</groupid>

</stage>

<stage stageid="314b6027-34fe-4ee7-9228-90a9ad6344b9" name="Wait1" type="WaitStart">

<subsheetid>bac4a1ff-2de7-43e6-9a41-4fb398761bd0</subsheetid>

<loginhibit/>

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</narrative>

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<groupid>dee40065-92c3-4124-a7c2-e05af807b429</groupid>

<choices>

<choice reply="True">

<name>Main Window Check Exists</name>

<distance>30</distance>

<ontrue>872fe5a4-9652-4ec4-8b35-c7e6f36c77f0</ontrue>

<element id="b9e8ec79-c2b6-41fd-b0ff-5777c8cd8522"/>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="be467264-796e-438f-a7b9-ca71ee6839c8" name="Exception 1" type="Exception">

<subsheetsid>bac4a1ff-2de7-43e6-9a41-4fb398761bd0</subsheetsid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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```

```
<exception type="System Exception" detail="&quot;We did not detect that the test application was lau
</stage>

<stage stageid="b7af4462-402e-46fd-80ef-6fca6460f508" name="Close" type="SubSheetInfo">

<subsheetid>ebc2ccf4-8765-44f5-b242-d9884b5549d2</subsheetid>

<narrative>Terminate the application</narrative>

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<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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</stage>

<stage stageid="08c1ef6c-2ddd-41a5-ad25-669efc1d60bb" name="Start" type="Start">

<subsheetid>ebc2ccf4-8765-44f5-b242-d9884b5549d2</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>383fdb15-0937-43ac-b5d1-f463fb9e3a10</onsuccess>

</stage>

<stage stageid="34287d79-6c83-466b-823b-d52a510d4812" name="End" type="End">

<subsheetid>ebc2ccf4-8765-44f5-b242-d9884b5549d2</subsheetid>

<loginhibit/>

<narrative>
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</narrative>

<displayx>15</displayx>

<displayy>15</displayy>

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</stage>

<stage stageid="383fdb15-0937-43ac-b5d1-f463fb9e3a10" name="Close Application" type="Navigate">

<subsheetsid>ebc2ccf4-8765-44f5-b242-d9884b5549d2</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>-45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<onsuccess>34287d79-6c83-466b-823b-d52a510d4812</onsuccess>

<step>

<element id="18711091-4daa-408c-adaa-50b38b725e7a"/>

<action>

<id>Terminate</id>

</action>

</step>

</stage>

<stage stageid="57660fe3-b055-424a-8a79-8652952beb02" name="Read OCR - Single Character" type="

<subsheetsid>bec40c8d-fa42-4d85-aa3f-e2aac9ff1ba9</subsheetsid>

<narrative>Read a region containing a single character and output to data item</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="1c35085c-a7fa-417d-b6b3-9d1d6db54844" name="Start" type="Start">

<subsheetsid>bec40c8d-fa42-4d85-aa3f-e2aac9ff1ba9</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Page Segmenrtation Mode" stage="Page Segmentation Mode"/>

</inputs>

<onsuccess>eefcf208-c8ab-45c9-a165-a45c2fcb5c13</onsuccess>

</stage>

<stage stageid="038cd677-ad34-4031-9519-ab59d15621ca" name="End" type="End">

<subsheetsid>bec40c8d-fa42-4d85-aa3f-e2aac9ff1ba9</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<outputs>

<output type="text" name="Value Read" stage="Value from Read"/>

</outputs>

</stage>

<stage stageid="eefcf208-c8ab-45c9-a165-a45c2fcb5c13" name="Read single character region" type="Re

<subsheetid>bec40c8d-fa42-4d85-aa3f-e2aac9ff1ba9</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>038cd677-ad34-4031-9519-ab59d15621ca</onsuccess>

<step stage="Value from Read">

<element id="faa2677f-528c-4c9d-ac30-a7e512c14b63"/>

<action>

<id>ReadTextOCR</id>

<arguments>

<argument>

<id>language</id>
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<value>

</value>

</argument>

<argument>

<id>pagesegmode</id>

<value>[Page Segmentation Mode]</value>

</argument>

<argument>

<id>charwhitelist</id>

<value>

</value>

</argument>

<argument>

<id>diagspath</id>

<value>

</value>

</argument>

<argument>

<id>scale</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="8b70c3e1-e14e-413a-8848-3a08a36ffdde" name="Value from Read" type="Data">

<subsHEETid>bec40c8d-fa42-4d85-aa3f-e2aac9ff1ba9</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>150</displayx>

<displayy>15</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1867488e-f253-44d8-ac25-056576968865" name="Page Segmentation Mode" type="Data

<subsHEETid>bec40c8d-fa42-4d85-aa3f-e2aac9ff1ba9</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>-75</displayy>

<displaywidth>120</displaywidth>

<displayheight>90</displayheight>

<datatype>text</datatype>

<initialvalue xml:space="preserve">character</initialvalue>

<private/>

```
<alwaysinit/>

</stage>

<stage stageid="7610ce37-c7fa-4dc3-9647-b4228655f83f" name="Read OCR - Multi Character" type="Sub">
  <subsheetid>bff04a6b-b56a-443d-b3de-bd8a52e38604</subsheetid>
  <narrative>Read a region containing multiple characters and output to data item</narrative>
  <displayx>-195</displayx>
  <displayy>-105</displayy>
  <displaywidth>150</displaywidth>
  <displayheight>90</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
</stage>

<stage stageid="35a89f91-8e42-4432-ba2b-1f695cb8ce5f" name="Start" type="Start">
  <subsheetid>bff04a6b-b56a-443d-b3de-bd8a52e38604</subsheetid>
  <loginhibit/>
  <narrative>
</narrative>
  <displayx>0</displayx>
  <displayy>-105</displayy>
  <displaywidth>60</displaywidth>
  <displayheight>30</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
  <inputs>
    <input type="text" name="Page Segmentation Mode" stage="Page Segmentation Mode"/>
  </inputs>
  <onsuccess>9c1f4a1f-5e76-475b-8c68-86784d74c748</onsuccess>
</stage>

<stage stageid="a6ada68d-bed3-4862-a3cf-8e25c4c53c80" name="End" type="End">
```

<subsheetid>bff04a6b-b56a-443d-b3de-bd8a52e38604</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>0</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<outputs>

<output type="text" name="Value Read" stage="Value from Read"/>

</outputs>

</stage>

<stage stageid="9c1f4a1f-5e76-475b-8c68-86784d74c748" name="Read Multiple Character String" type="

<subsheetid>bff04a6b-b56a-443d-b3de-bd8a52e38604</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>0</displayx>

<displayy>-30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<onsuccess>a6ada68d-bed3-4862-a3cf-8e25c4c53c80</onsuccess>

<step stage="Value from Read">

<element id="39655609-e8f1-4a95-bfd0-2d0f0c347b51"/>

<action>

<id>ReadTextOCR</id>

<arguments>

<argument>

<id>language</id>

<value>

</value>

</argument>

<argument>

<id>pagesegmode</id>

<value>

</value>

</argument>

<argument>

<id>charwhitelist</id>

<value>

</value>

</argument>

<argument>

<id>diagspath</id>

<value>

</value>

</argument>

<argument>

<id>scale</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="15f1a043-2849-49cf-86b8-ecde27804c98" name="Value from Read" type="Data">

<subsheetid>bff04a6b-b56a-443d-b3de-bd8a52e38604</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>135</displayx>

<displayy>15</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="43b4cd97-4700-4452-a30e-e87b39d1321e" name="Page Segmentation Mode" type="Data">

<subsheetid>bff04a6b-b56a-443d-b3de-bd8a52e38604</subsheetid>

<loginhibit/>

<narrative>Setting the page segmentation mode</narrative>

<displayx>150</displayx>

<displayy>-75</displayy>

<displaywidth>120</displaywidth>

<displayheight>90</displayheight>

```
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<datatype>text</datatype>
<initialvalue xml:space="preserve">Auto</initialvalue>
<private/>
<alwaysinit/>
</stage>
<stage stageid="de46caad-deaf-4489-aa72-04a668bd0cd2" name="Click Press Me Button" type="SubShe
<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>
<narrative>Click the application 'Press Me' button and verify that expected field has updated</narrative>
<displayx>-195</displayx>
<displayy>-105</displayy>
<displaywidth>150</displaywidth>
<displayheight>90</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
</stage>
<stage stageid="d144ef63-0ae5-4e9e-ab58-5309ce47fb04" name="Start" type="Start">
<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>
<loginhibit/>
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>-105</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>858d852f-e483-4d84-a632-d23bd3a0997d</onsuccess>
</stage>
```

```
<stage stageid="bb538297-2ca0-4058-868c-3f62e35adb0b" name="End" type="End">
<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>
<loginhibit/>
<narrative>
</narrative>
<displayx>45</displayx>
<displayy>90</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
</stage>
```

```
<stage stageid="858d852f-e483-4d84-a632-d23bd3a0997d" name="Click Press Me Button" type="Navigation">
<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>
<loginhibit/>
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>-45</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>930b7b42-ebe3-47d3-aa34-98076b89dc85</onsuccess>
<step>
<element id="22dd2fb0-9fc2-41e0-8789-b52302a7b6d3"/>
<action>
<id>Press</id>
</action>
```

```
</step>

</stage>

<stage stageid="f669739b-873c-4dbb-98e4-e656d781e78c" name="Time Out2" type="WaitEnd">

<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>15</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>5c848a56-d5a5-41a8-9920-194b8ccf0e44</onsuccess>

<groupid>614ebf83-0284-41f3-8024-f4f24fd4d9b9</groupid>

</stage>

<stage stageid="930b7b42-ebe3-47d3-aa34-98076b89dc85" name="Wait2" type="WaitStart">

<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>15</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<groupid>614ebf83-0284-41f3-8024-f4f24fd4d9b9</groupid>

<choices>
```

<choice reply="True">

<name>Press Button Field Check Exists</name>

<distance>30</distance>

<ontrue>bb538297-2ca0-4058-868c-3f62e35adb0b</ontrue>

<element id="1b897c22-d557-47f2-b023-c6b71af7c404">

<elementparameter>

<name>WindowText</name>

<expression>"Button pressed"</expression>

<datatype>text</datatype>

<comparisontype>Equal</comparisontype>

</elementparameter>

</element>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="5c848a56-d5a5-41a8-9920-194b8ccf0e44" name="Exception 1" type="Exception">

<subsheetid>f7607861-db94-49da-bbdd-6e27342c49fe</subsheetid>

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>15</displayy>

<displaywidth>60</displaywidth>

```
<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<exception type="Test Exception" detail="&quot;The 'Press Me' button was not clicked&quot;"/>

</stage>

<stage stageid="db75e983-321d-4175-88a1-a8fb97bc35cd" name="Maximise" type="SubSheetInfo">

<subsheetsid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="2451ea74-16cf-4d2e-9581-f7fcd4530aa2" name="Start" type="Start">

<subsheetsid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>b3b4d87c-9961-4965-80cf-bd90a44c239f</onsuccess>

</stage>

<stage stageid="b1909b2c-e184-48c8-83f5-37db39561f5f" name="End" type="End">
```

```
<subsheetid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>75</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="b3b4d87c-9961-4965-80cf-bd90a44c239f" name="Maximise Window" type="Navigate">

<subsheetid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>ee41f682-f295-4297-b32f-8468c3512863</onsuccess>

<step>

<element id="b9e8ec79-c2b6-41fd-b0ff-5777c8cd8522"/>

<action>

<id>MaximiseWindow</id>

</action>

</step>
```

```
</stage>

<stage stageid="e78a60cf-955c-4a79-858c-403a595fb68a" name="Time Out - Wait for maximise complete">

<subsheetid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>30</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<onsuccess>eb911765-b6c0-48e6-a76a-b8fd62561e1a</onsuccess>

<groupid>b6d393bb-8f0c-4242-9de7-47581bfeb287</groupid>

</stage>

<stage stageid="ee41f682-f295-4297-b32f-8468c3512863" name="Wait for maximise complete" type="Wait">

<subsheetid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>30</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<groupid>b6d393bb-8f0c-4242-9de7-47581bfeb287</groupid>

<choices>

<choice reply="&quot;Button Not Pressed&quot;">
```


<name>Multi Get Window Text</name>

<distance>60</distance>

<ontrue>b1909b2c-e184-48c8-83f5-37db39561f5f</ontrue>

<element id="39655609-e8f1-4a95-bfd0-2d0f0c347b51"/>

<condition>

<id>GetWindowText</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="eb911765-b6c0-48e6-a76a-b8fd62561e1a" name="Exception" type="Exception">

<subsheetsid>18c17442-e3f9-4e55-95ad-f7006a2a224d</subsheetsid>

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<exception type="System Exception" detail=""Could not verify that application has been maximis

</stage>

<stage stageid="48e16f43-da85-4746-a996-b7459a038b56" name="QA Root" type="Data">

<subsheetsid>bac4a1ff-2de7-43e6-9a41-4fb398761bd0</subsheetsid>

<loginhibit/>

<narrative>

```
</narrative>

<displayx>-210</displayx>

<displayy>0</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">H:\automate\qa</initialvalue>

<exposure>Environment</exposure>

<private/>

<alwaysinit/>

</stage>

</process>

<process name="OCRLangTest" version="1.0" bpversion="6.0.0.426" narrative="" type="object" runmode=

<appdef>

<element name="MS Paint">

<id>4e38f0ed-084c-4a91-8e5b-87579d132cf8</id>

<element name="Main Window">

<id>b4f9c481-4b34-4534-af31-3667d42ed445</id>

<element name="Text Area">

<id>fb2fd126-0e7c-46f1-a947-c628088203a8</id>

<type>WindowRect</type>

<basetype>WindowRect</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

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</attribute>

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<attribute name="CtrlID">

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<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="Y">

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</attribute>

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</attribute>

<attribute name="Height" comparisontype="GreaterThanOrEqual" inuse="True">

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</attribute>

<attribute name="Visible">

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<attribute name="Ordinal">

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<attribute name="ChildCount">

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</attribute>

<attribute name="pWindowText">

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</attribute>

<attribute name="pCtrlID">

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</attribute>

<attribute name="pY">

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</attribute>

<attribute name="pWidth">

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<ProcessValue datatype="number" value="650"/>

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<attribute name="EndY" inuse="True">

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</attributes>
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<region-container name="Paint Region Container">

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<container>d71a11ba-2622-439e-95a4-59bcdd5091be</container>

<id>176822b4-e14a-4128-bbbb-605b8b1085e2</id>

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<attribute name="CtrlID">

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</attribute>

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</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="170"/>

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<attribute name="Width">

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</attribute>

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</attribute>

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</attribute>

<attribute name="StartX" inuse="True">

<ProcessValue datatype="number" value="65"/>

</attribute>

<attribute name="StartY" inuse="True">

<ProcessValue datatype="number" value="47"/>

</attribute>

<attribute name="EndX" inuse="True">

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</attribute>

<attribute name="EndY" inuse="True">

<ProcessValue datatype="number" value="355"/>

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</attribute>

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</attributes>

</region>

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</attribute>

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</attribute>

<attribute name="X">

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<attribute name="ChildCount">

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</attribute>

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<basetype>Window</basetype>

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</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="MSPaintApp"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="-1141519552"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="26"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="21"/>

</attribute>

<attribute name="Width">

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<attribute name="Ordinal">

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</attribute>

<attribute name="ChildCount">

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</attribute>

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</attribute>

</attributes>

</element>

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<basetype>Application</basetype>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

<apptypeinfo>

<id>Win32Launch</id>

<parameters>

<parameter>

<name>Path</name>

<value>mspaint</value>

</parameter>

<parameter>

<name>CommandLineParams</name>

<value>

</value>

</parameter>

<parameter>

<name>WorkingDirectory</name>

<value>

</value>

</parameter>

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<name>NonInvasive</name>

<value>True</value>

</parameter>

<parameter>

<name>ProcessMode</name>

<value>Internal</value>

</parameter>

<parameter>

<name>ExternalProcessTimeout</name>

<value>0</value>

</parameter>

</parameters>

</apptypeinfo>

</appdef>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="778414e7-8a75-4839-9104-f4a02cab7198" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="05aefbc0-36af-49fe-a460-de3ea4f0e447" type="Normal" published="True">

<name>Sleep</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="c6d1b582-cbc3-4178-a7bb-cd602764bf85" type="Normal" published="True">

<name>Do Tests</name>

<view>

<camerax>-7</camerax>

<cameray>120</cameray>

<zoom version="2">1.1</zoom>

</view>

</subsheet>

<subsheet subsheetid="b2fd068f-f76e-45a1-9180-fa83b41f784e" type="Normal" published="False">

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<name>Run Test</name>

<view>

<camerax>58</camerax>

<cameray>720</cameray>

<zoom version="2">1.1</zoom>

</view>

</subsheet>

<stage stageid="79265ae8-4e9d-41ce-80f6-7c516d85cf05" name="Start" type="Start">

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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</stage>

<stage stageid="94acbbe4-c1ab-4d24-82c9-7ab415a97373" name="End" type="End">

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<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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</stage>

<stage stageid="aa31f9e4-10aa-4ccf-800f-396c153bf930" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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<references>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>
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<stage stageid="96011a24-772f-4ad5-828c-d3e1a6b16447" name="Clean Up" type="SubSheetInfo">

<subsheetid>778414e7-8a75-4839-9104-f4a02cab7198</subsheetid>

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</narrative>

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<subsheetid>778414e7-8a75-4839-9104-f4a02cab7198</subsheetid>

<loginhibit/>

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</narrative>

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</stage>

<stage stageid="b5ab0666-e746-49c5-ab67-486d017e033f" name="End" type="End">

<subsheetid>778414e7-8a75-4839-9104-f4a02cab7198</subsheetid>

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<displayheight>30</displayheight>

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<stage stageid="561796d4-fc9a-4c16-87ae-1398b9eb8c0d" name="Start" type="Start">

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<loginhibit/>

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</narrative>

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<displayy>-420</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>7f99fba4-4b4d-4749-8b20-76538c1bdb2d</onsuccess>

</stage>

<stage stageid="a9375442-8158-49a5-ac6d-f59ed1dcfd19" name="End" type="End">

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<narrative>

</narrative>

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<displayheight>30</displayheight>

</stage>

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<subsheetsid>778414e7-8a75-4839-9104-f4a02cab7198</subsheetsid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="4fecbd0c-2f73-4f5c-9e30-524c74d736e2" name="new" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business ob

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="08ee3b27-88d0-46d3-be13-71c2f19bd294" name="Get Language PNG" type="Action">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-285</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Folder" narrative="The folder in which to look for files" expr="[QA Root] &an

<input type="text" name="Patterns CSV" narrative="The comma seperated list of wildcard patterns" expr="

</inputs>

<outputs>

<output type="flag" name="Success" narrative="True if successful" stage="Success"/>

<output type="text" name="Message" narrative="A message if unsuccessful" stage="Message"/>

<output type="collection" name="Files" narrative="The collection of files found" stage="PNG File"/>

</outputs>

<onsuccess>01479353-3a48-433d-b900-f771f2c6e942</onsuccess>

<resource object="Utility - File Management" action="Get Files"/>

</stage>

<stage stageid="b583ae7e-4827-4c72-a441-11c578aacad5" name="Run Test" type="SubSheetInfo">

<subsheetsid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>-90</displayx>

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</stage>

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<subsheetsid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetsid>

<narrative>

</narrative>

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<displayy>165</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="PNG File Path" narrative="The path of the png file containing the font sample to

```
<input type="text" name="Reference Text File Path" narrative="The path of the txt file containing the refere
</inputs>

<onsuccess>edfdbbd6-c75f-44af-885b-70025c263e66</onsuccess>

</stage>

<stage stageid="a7b7baa3-5742-4407-9e91-0ae87d80af02" name="End" type="End">

<subsheetid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetid>

<narrative>

</narrative>

<displayx>75</displayx>

<displayy>720</displayy>

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<displayheight>30</displayheight>

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<outputs>

<output type="flag" name="Test Passed" stage="Test Passed"/>

</outputs>

</stage>

<stage stageid="2cf8473f-c1e5-4397-9472-46c65d3c5b8f" name="Run Test" type="SubSheet">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

<narrative>

</narrative>

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<displayy>-15</displayy>

<displaywidth>90</displaywidth>

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<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>
```

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<input type="text" name="PNG File Path" narrative="The path of the png file containing the font sample to
<input type="text" name="Reference Text File Path" narrative="The path of the txt file containing the refere
</inputs>

<outputs>

<output type="flag" name="Test Passed" stage="Test Passed"/>

</outputs>

<onsuccess>9796805d-653d-46ea-81a7-fb005f53330d</onsuccess>

<processid>b2fd068f-f76e-45a1-9180-fa83b41f784e</processid>

</stage>

<stage stageid="55f32cfb-d893-42ca-8efc-7a80dad454ce" name="Test Passed" type="Data">

<subsheetid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>165</displayx>

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<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="cf89acf5-20ff-4a1f-a435-46cb79ea371a" name="Test Passed" type="Data">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

<loginhibit/>
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<narrative>

</narrative>

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<displayy>-15</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="9796805d-653d-46ea-81a7-fb005f53330d" name="Passed?" type="Decision">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<decision expression="[Test Passed]"/>

<ontrue>b4dbe767-3aa1-4599-8e83-01647b54e2f8</ontrue>

<onfalse>5c0d1e53-f910-4522-b7e1-c55e4121576f</onfalse>

</stage>

<stage stageid="5c0d1e53-f910-4522-b7e1-c55e4121576f" name="Append Failed Test" type="Calculation

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<loginhibit/>

<narrative>

</narrative>

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<displayy>30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>dd782651-202d-478f-8f71-54ad9fd0cbd7</onsuccess>

<calculation expression="[Failed Tests] &amp;&amp; &amp;quot;, &amp;quot; &amp;&amp; [Folders.Name]"

</stage>

<stage stageid="63bad46f-fe80-4cf9-b018-3aee210e1894" name="Failed Tests" type="Data">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

<loginhibit/>

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<font family="Tahoma" size="10" style="Regular" color="000000"/>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>
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<onsuccess>b4dbe767-3aa1-4599-8e83-01647b54e2f8</onsuccess>
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<stage stageid="42add91e-0062-47f0-828f-7ef3bce0c6c8" name="Any Failed Tests?" type="Decision">
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<ontrue>e7e283d4-62c5-4429-bc61-5a8d32d70fa3</ontrue>
<onfalse>a9375442-8158-49a5-ac6d-f59ed1dcfd19</onfalse>
</stage>

<stage stageid="e7e283d4-62c5-4429-bc61-5a8d32d70fa3" name="FAIL" type="Exception">
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</stage>

<stage stageid="01479353-3a48-433d-b900-f771f2c6e942" name="Success?" type="Decision">

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<decision expression="[Success]"/>

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<onfalse>6a37f550-ffd8-42a3-9963-fc4f05965529</onfalse>

</stage>

<stage stageid="6a37f550-ffd8-42a3-9963-fc4f05965529" name="FAIL" type="Exception">

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<stage stageid="f01cd75f-af14-4540-9404-fa1e10c38018" name="PNG File Path" type="Data">

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</stage>

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<step>
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<action>
<id>Launch</id>
<arguments>
<argument>
<id>CommandLineParams</id>
<value>"" &amp;&amp; [PNG File Path] &amp;&amp; ""</value>
</argument>
<argument>
<id>Path</id>
<value>
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</argument>
<argument>
<id>WorkingDirectory</id>
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<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

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</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="6a2048b3-c2e2-421f-8bf4-3ff0fb8811b4" name="O" type="WaitEnd">

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<groupid>9783ae18-15a7-438b-ab09-376a42bd78d4</groupid>

</stage>

<stage stageid="3e5e0381-98d8-4e8f-b63a-83115e4eec2f" name="Wait For Main Window" type="WaitSta

<subsheetsid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetsid>

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<groupid>9783ae18-15a7-438b-ab09-376a42bd78d4</groupid>

<choices>

<choice reply="True">

<name>Main Window Check Exists</name>

<distance>45</distance>

<ontrue>e4e32ec3-9f8d-4357-9a14-73c047ff78e1</ontrue>

<element id="b4f9c481-4b34-4534-af31-3667d42ed445">

<elementparameter>

<name>WindowText</name>

<expression>[Wildcard - Main Window]</expression>

<datatype>text</datatype>

<comparisontype>Wildcard</comparisontype>

</elementparameter>

</element>
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<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>30</timeout>

</stage>

<stage stageid="62242dce-4e4d-4829-b565-02bb10447a79" name="FAIL" type="Exception">

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<exception type="Timeout" detail="&quot;Failed waiting for mspaint to load&quot;"/>

</stage>

<stage stageid="c2357810-84d1-460c-b542-a1594abe7706" name="Sleep" type="SubSheetInfo">

<subsheetid>05aefbc0-36af-49fe-a460-de3ea4f0e447</subsheetid>

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<inputs>

<input type="number" name="Sleep Time (Seconds)" stage="Sleep Time (Seconds)"/>

</inputs>

<onsuccess>05ce2cfe-73f7-4798-8381-4e67ceaaaef2</onsuccess>

</stage>

<stage stageid="08c54267-3a7d-4ebf-a07a-a7b0310a4ffd" name="End" type="End">

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<groupid>9c8234ac-8039-41e6-8dfc-7c226b956355</groupid>

</stage>

<stage stageid="05ce2cfe-73f7-4798-8381-4e67ceaaaef2" name="Wait1" type="WaitStart">

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<groupid>9c8234ac-8039-41e6-8dfc-7c226b956355</groupid>

<choices/>

<timeout>[Sleep Time (Seconds)]</timeout>

</stage>

<stage stageid="4dbec1cb-aa70-4556-8c24-8e178b3b9b61" name="Sleep to Allow Rendering" type="Sub

<subsheetid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetid>

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<processid>05aefbc0-36af-49fe-a460-de3ea4f0e447</processid>

</stage>

<stage stageid="d05acefa-bdce-4186-a13f-2f9240c55235" name="Read Text" type="Read">

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<onsuccess>ab158387-6c3e-4034-bd8f-e7e37f444dee</onsuccess>

<step stage="Text Read">

<element id="fb2fd126-0e7c-46f1-a947-c628088203a8"/>

<action>

<id>ReadTextOCR</id>

<arguments>

<argument>

<id>language</id>

<value>[OCR File]</value>

</argument>

<argument>

<id>pagesegmode</id>

<value>
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</value>

</argument>

<argument>

<id>charwhitelist</id>

<value>

</value>

</argument>

<argument>

<id>diagspath</id>

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</value>

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<id>scale</id>

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</arguments>

</action>

</step>

</stage>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="d2e67ff0-8427-477f-923c-ce182630a000" name="Read Expected Value" type="Action">

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</narrative>

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<inputs>

<input type="text" name="File Name" narrative="The full path the file to read the text from" expr="[Referenc

</inputs>

<outputs>

<output type="flag" name="Success" narrative="True if successful" stage="Success"/>

<output type="text" name="Message" narrative="An error message if unsuccessful" stage="Message"/>

<output type="text" name="Text" narrative="The text of the file" stage="Expected Text"/>

</outputs>

<onsuccess>7350e2ce-a9a8-46c9-bf54-e241b3f924a4</onsuccess>
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<resource object="Utility - File Management" action="Read All Text from File"/>

</stage>

<stage stageid="7350e2ce-a9a8-46c9-bf54-e241b3f924a4" name="Read Correctly?" type="Calculation">

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<displayheight>30</displayheight>

<onsuccess>a7b7baa3-5742-4407-9e91-0ae87d80af02</onsuccess>

<calculation expression="[Expected Text]=[Text Read]" stage="Test Passed"/>

</stage>

<stage stageid="ab158387-6c3e-4034-bd8f-e7e37f444dee" name="Terminate MS Paint" type="Navigate">

<subsHEETid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsHEETid>

<loginhibit/>

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<onsuccess>d2e67ff0-8427-477f-923c-ce182630a000</onsuccess>

<step>

<element id="4e38f0ed-084c-4a91-8e5b-87579d132cf8"/>

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<action>

<id>Terminate</id>

</action>

</step>

</stage>

<stage stageid="9d7965ac-a4e3-4c65-8687-9ec10c949b50" name="Message" type="Data">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

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</stage>

<stage stageid="e13784c2-5645-4bc9-a309-06697695fecc" name="Success" type="Data">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

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</stage>

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<alwaysinit/>

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<stage stageid="5103578c-ba75-4352-a912-5d015832d5c7" name="Activate Window" type="Navigate">

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<loginhibit/>

<narrative>

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<step>

<element id="b4f9c481-4b34-4534-af31-3667d42ed445">

<elementparameter>

<name>WindowText</name>

<expression>[Wildcard - Main Window]</expression>

<datatype>text</datatype>

<comparisontype>Wildcard</comparisontype>

</elementparameter>

</element>

<action>

<id>ActivateApp</id>

</action>

</step>

</stage>

<stage stageid="e33a856d-c0c5-4fe7-93bc-d5cea2bcca9e" name="Wildcard - Main Window" type="Data">

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<displayx>-150</displayx>

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<displayheight>30</displayheight>

<datatype>text</datatype>

<initialvalue xml:space="preserve">*Paint*</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="157f11a2-8599-4d23-b9a4-6819fc5bbcf5" name="O" type="WaitEnd">

<subsheetid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsheetid>

<loginhibit/>

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<groupid>33bc15ac-8b64-4471-9bcc-9662d5f4ec25</groupid>

</stage>

<stage stageid="d9e53666-116b-4e0d-8106-624851b8b6a4" name="Wait Until Active" type="WaitStart">

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<choices>

<choice reply="True">

<name>Main Window Check Window Active</name>

<distance>45</distance>

<ontrue>4dbec1cb-aa70-4556-8c24-8e178b3b9b61</ontrue>

<element id="b4f9c481-4b34-4534-af31-3667d42ed445">

<elementparameter>
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```
<name>WindowText</name>

<expression>[Wildcard - Main Window]</expression>

<datatype>text</datatype>

<comparisontype>Wildcard</comparisontype>

</elementparameter>

</element>

<condition>

<id>CheckWindowActive</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>30</timeout>

</stage>

<stage stageid="4a2400ad-c218-42fd-9419-8e3805f9ab2e" name="FAIL" type="Exception">

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<exception type="Timeout" detail="&quot;Failed waiting for mspaint main window to be active&quot;">

</stage>

<stage stageid="e4e32ec3-9f8d-4357-9a14-73c047ff78e1" name="Maximise Window" type="Navigate">
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<loginhibit/>

<narrative>

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<onsuccess>5103578c-ba75-4352-a912-5d015832d5c7</onsuccess>

<step>

<element id="b4f9c481-4b34-4534-af31-3667d42ed445">

<elementparameter>

<name>WindowText</name>

<expression>[Wildcard - Main Window]</expression>

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<comparisontype>Wildcard</comparisontype>

</elementparameter>

</element>

<action>

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</action>

</step>

</stage>

<stage stageid="4703b06e-24bd-4ae3-884c-b514499ee3b9" name="Wildcard - Paint Area Classname" type="PaintArea">

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<alwaysinit/>

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<stage stageid="c9ad72a1-7130-48a3-a54a-680097a89b7a" name="QA Root" type="Data">

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<private/>

<alwaysinit/>

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<stage stageid="7f99fba4-4b4d-4749-8b20-76538c1bdb2d" name="Get Language Folders" type="Action">

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Folder" narrative="The folder in which to look for sub-folders" expr="[QA Root] &

</inputs>

<outputs>

<output type="flag" name="Success" narrative="True if successful" stage="Success"/>

<output type="text" name="Message" narrative="An error message if unsuccessful" stage="Message"/>

<output type="collection" name="Folders" narrative="A collection of the sub-folders found within the folder"

</outputs>

<onsuccess>772acdb6-6349-4cf1-90ca-19e1edfead8f</onsuccess>

<resource object="Utility - File Management" action="Get Folders"/>

</stage>

<stage stageid="99d7cae0-bd69-4b68-beb8-7dab9d599555" name="Folders" type="Collection">

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</narrative>

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<alwaysinit/>

</stage>

<stage stageid="772acdb6-6349-4cf1-90ca-19e1edfead8f" name="For Each Folder" type="LoopStart">

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<onsuccess>08ee3b27-88d0-46d3-be13-71c2f19bd294</onsuccess>

<groupid>3d080389-ba20-4289-9f72-9a68a8590c73</groupid>

<looptype>ForEach</looptype>

<loopdata>Folders</loopdata>

</stage>

<stage stageid="b4dbe767-3aa1-4599-8e83-01647b54e2f8" name="For Each Folder" type="LoopEnd">

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<stage stageid="6335d33e-fd73-4ea3-9dc6-759bc0b1ea6b" name="Get Language Files" type="Action">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

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<narrative>

</narrative>

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<displayheight>30</displayheight>

<inputs>

<input type="text" name="Folder" narrative="The folder in which to look for files" expr="[QA Root] &an

<input type="text" name="Patterns CSV" narrative="The comma seperated list of wildcard patterns" expr="

</inputs>

<outputs>

<output type="flag" name="Success" narrative="True if successful" stage="Success"/>

<output type="text" name="Message" narrative="A message if unsuccessful" stage="Message"/>

<output type="collection" name="Files" narrative="The collection of files found" stage="Language File"/>

</outputs>

<onsuccess>ba4e7161-555f-433a-b0ff-61d58dd0a46c</onsuccess>

<resource object="Utility - File Management" action="Get Files"/>

</stage>

<stage stageid="920386c4-7c2b-4f2b-b915-b3996b41a73a" name="Language File" type="Collection">

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<alwaysinit/>

</stage>

<stage stageid="efd2827b-a6c2-48a5-9f58-b0ee4a98e888" name="PNG File" type="Collection">

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<stage stageid="ba4e7161-555f-433a-b0ff-61d58dd0a46c" name="Success?" type="Decision">

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<decision expression="[Success]"/>

<ontrue>78ebdbd6-781c-4d82-8129-b69ce96c3271</ontrue>

<onfalse>26775719-b335-43c3-af35-664a81a430cc</onfalse>

</stage>

<stage stageid="26775719-b335-43c3-af35-664a81a430cc" name="FAIL" type="Exception">

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<exception type="Test Fail" detail="&quot;Failed to read folder structure - &quot; &amp; [Me
</stage>

<stage stageid="5e584df3-92b5-450e-971e-29ef27719b66" name="Strip .traineddate" type="Calculation">

<subsheetid>c6d1b582-cbc3-4178-a7bb-cd602764bf85</subsheetid>

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<onsuccess>2cf8473f-c1e5-4397-9472-46c65d3c5b8f</onsuccess>

<calculation expression="Left([Language File.Name], Len([Language File.Name])) - Len(&quot;.trained
</stage>

<stage stageid="6506bf72-4827-4fd8-9087-e0aeceefe9e2" name="OCR File" type="Data">

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<alwaysinit/>
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</stage>

<stage stageid="78ebdbd6-781c-4d82-8129-b69ce96c3271" name=".traineddate?" type="Decision">

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<decision expression="EndsWith([Language File.Name], &quot;.traineddata&quot;)/>

<ontrue>5e584df3-92b5-450e-971e-29ef27719b66</ontrue>

<onfalse>20a96956-c86f-4e69-9112-8d30f6fb4975</onfalse>

</stage>

<stage stageid="20a96956-c86f-4e69-9112-8d30f6fb4975" name="Make OCR File" type="Calculation">

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<onsuccess>2cf8473f-c1e5-4397-9472-46c65d3c5b8f</onsuccess>

<calculation expression="[Language File.Name]" stage="OCR File"/>

</stage>
```



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<stage stageid="9fd82e33-c977-4a76-92e4-2fa9e991aa60" name="Note1" type="Note">
<subsHEETid>b2fd068f-f76e-45a1-9180-fa83b41f784e</subsHEETid>
<loginhibit/>
<narrative>Expected values have been adjusted to meet the fact that Tesseract isn't 100% accurate. </narrative>
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</stage>
</process>
<process name="Parent-Notepad" version="1.0" bpversion="6.4.0.7753" narrative="" byrefcollection="true">
<appdef>
<element name="Parent">
<id>d1490944-2e33-48be-8ebe-e3c1e2f91bb3</id>
<group name="Element1">
<id>20705c06-34cb-4d5f-b405-68cf14fc2640</id>
</group>
<type>Application</type>
<basetype>Application</basetype>
<datatype>unknown</datatype>
<diagnose>False</diagnose>
</element>
<apptypeinfo>
<id>Win32Launch</id>
<parameters>
<parameter>
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<name>Path</name>

<value>notepad.exe</value>

</parameter>

<parameter>

<name>CommandLineParams</name>

<value>

</value>

</parameter>

<parameter>

<name>WorkingDirectory</name>

<value>

</value>

</parameter>

<parameter>

<name>NonInvasive</name>

<value>True</value>

</parameter>

<parameter>

<name>ProcessMode</name>

<value>Internal</value>

</parameter>

<parameter>

<name>ExternalProcessTimeout</name>

<value>0</value>

</parameter>

<parameter>

<name>Options</name>

<value>

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</parameter>

</parameters>

</apptypeinfo>

</appdef>

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<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

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<name>Clean Up</name>

<view>

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<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="07d90332-f266-4e1f-b097-c59c3c73a9c3" type="Normal" published="True">

<name>Launch</name>

<view>

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</subsheet>

<subsheet subsheetid="a06b8d62-4807-4ff4-a52b-420e3fc99a84" type="Normal" published="True">

<name>Terminate</name>

<view>

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<zoom version="2">1.25</zoom>

</view>

</subsheet>

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<onsuccess>a89d1f15-1cec-46cb-8c75-2b7d1a94288f</onsuccess>

</stage>

<stage stageid="a89d1f15-1cec-46cb-8c75-2b7d1a94288f" name="End" type="End">

<loginhibit/>

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</narrative>

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</stage>

<stage stageid="9e1bc2fc-71bd-4fb8-bb7f-9f4ba21909c2" name="Stage1" type="ProcessInfo">

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<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>
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<stage stageid="809fec16-0cb2-4dac-8391-4eab91f9897b" name="Clean Up" type="SubSheetInfo">
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</narrative>

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</stage>

<stage stageid="8b290717-c431-436c-a1a2-e641283e082a" name="Start" type="Start">
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</narrative>

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<onsuccess>66e633f0-eefb-4665-94da-995495adb488</onsuccess>

</stage>

<stage stageid="66e633f0-eefb-4665-94da-995495adb488" name="End" type="End">
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<loginhibit/>

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</narrative>
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</stage>

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</stage>

<stage stageid="32a84cea-c9f0-4fc8-878f-f3d5d4bd76f6" name="End" type="End">

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<stage stageid="a91d4d30-570e-4794-be84-44b9c81f5723" name="Note1" type="Note">

<subsHEETid>85d00636-e345-4bba-96ce-491f88aacda3</subsHEETid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>


```
<stage stageid="5460cc6d-220d-49e6-b1cb-220862d964c1" name="Note2" type="Note">
```

```
<narrative>Initialise Page
```

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

```
<displayx>-180</displayx>
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```
<displayy>60</displayy>
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<displaywidth>180</displaywidth>
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</stage>
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<stage stageid="e42560af-0874-4066-8bef-28b154285f99" name="Launch" type="Navigate">
```

```
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```

```
<loginhibit/>
```

```
<narrative>
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```
</narrative>
```

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```

```
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```

```
<step>
```

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<element id="d1490944-2e33-48be-8ebe-e3c1e2f91bb3"/>
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<action>

<id>Launch</id>

<arguments>

<argument>

<id>Path</id>

<value>

</value>

</argument>

<argument>

<id>CommandLineParams</id>

<value>

</value>

</argument>

<argument>

<id>WorkingDirectory</id>

<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

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</argument>

<argument>

<id>Options</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="c5dee01f-5ccd-42d6-bba6-8fab83ea0e7f" name="Terminate" type="SubSheetInfo">

<subsheetid>a06b8d62-4807-4ff4-a52b-420e3fc99a84</subsheetid>

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</narrative>

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</stage>

<stage stageid="03b70fcb-08f9-45a8-aca8-2fde5c39dffd" name="Start" type="Start">

<subsheetid>a06b8d62-4807-4ff4-a52b-420e3fc99a84</subsheetid>

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<narrative>

</narrative>

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</stage>

<stage stageid="c0aa6109-5094-4815-a33c-c12682635176" name="End" type="End">

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<narrative>

</narrative>

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</stage>

<stage stageid="07425ec7-9b47-4394-b40a-286746451414" name="Terminate" type="Navigate">

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<loginhibit/>

<narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<onsuccess>c0aa6109-5094-4815-a33c-c12682635176</onsuccess>

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<step>

<element id="d1490944-2e33-48be-8ebe-e3c1e2f91bb3"/>

<action>

<id>Terminate</id>

</action>

</step>

</stage>

</process>

<process name="Pass By Value Or Reference" version="1.0" bpversion="6.0.0.0" narrative="Helper to test">

<appdef>

<element name="Application Root">

<id>e5bd8d69-cec8-4e1f-b577-5f1ca0f548a8</id>

<type>Application</type>

<basetype>Application</basetype>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

</appdef>

<view>

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<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

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<name>Clean Up</name>
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<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="83e4ce77-aacf-4a89-801e-414ec7c2d2ee" type="Normal" published="True">

<name>With Schema</name>

<view>

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<zoom version="2">1.25</zoom>

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</subsheet>

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</view>

</subsheet>

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<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

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</stage>

<stage stageid="1615dd2e-137b-4f6d-a54b-db81f70e4eeb" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business object is loaded.

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a business process is initialised.

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<stage stageid="2ddde258-4165-44a0-b480-c0bde597eba5" name="Set Date (GCSEs)" type="Calculation">

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<calculation expression="MakeDate(14,12,1951)" stage="GCSEs.Date"/>

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<private/>

<alwaysinit/>

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<element name="Main Window">

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<group name="Firsts">

<id>819c7099-0826-48cd-b71c-b50c7397f94c</id>

<element name="First Password">

<id>60afc629-fd63-4696-a572-3ce9ad5d1371</id>

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</attribute>

<attribute name="pScreenVisible">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="pEnabled">

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<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="pActive">

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</attribute>

<attribute name="pOrdinal">

<ProcessValue datatype="number" value="1"/>

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<attribute name="pChildCount">

<ProcessValue datatype="number" value="6"/>

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<attribute name="pStyle">

<ProcessValue datatype="number" value="1442906336"/>

</attribute>

<attribute name="MatchIndex" inuse="True">

<ProcessValue datatype="number" value="1"/>

</attribute>

<attribute name="MatchReverse">

<ProcessValue datatype="flag" value="True"/>

</attribute>

</attributes>

</element>

<element name="Plaintext [Y]">

<id>213da2dd-72bd-45c7-afb6-508bc8da2326</id>

<type>Edit</type>

<basetype>Password</basetype>

<datatype>text</datatype>
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<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText">

<ProcessValue datatype="text" value=""/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="WindowsForms10.EDIT"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="6"/>

</attribute>

<attribute name="Y" comparisontype="dynamic" inuse="True">

<ProcessValue datatype="number" value="26"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="162"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="21"/>

</attribute>

<attribute name="Visible">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="ScreenVisible">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Enabled" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Active">

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</attribute>

<attribute name="Ordinal">

<ProcessValue datatype="number" value="5"/>

</attribute>

<attribute name="ChildCount">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="AncestorsText">

<ProcessValue datatype="text" value=" Password Tester <UNKNOWN> "/>

</attribute>

<attribute name="AncestorCount">

<ProcessValue datatype="number" value="4"/>

</attribute>

<attribute name="TypeName" comparisontype="Wildcard" inuse="True">

<ProcessValue datatype="text" value="WindowsForms10*"/>

</attribute>

<attribute name="ScreenBounds">

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</attribute>

<attribute name="Style">

<ProcessValue datatype="number" value="1442906336"/>

</attribute>

<attribute name="pWindowText">

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</attribute>

<attribute name="pClassName">

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<attribute name="pCtrlID">

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</attribute>

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<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="pY">

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<attribute name="pHeight">

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<attribute name="pStyle">

<ProcessValue datatype="number" value="1442906336"/>

</attribute>

<attribute name="MatchIndex" inuse="True">

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</attribute>

<attribute name="MatchReverse">

<ProcessValue datatype="flag" value="True"/>

</attribute>

</attributes>

</element>

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<id>a8d296b6-f078-49a0-8911-a52e187fe240</id>
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<basetype>Password</basetype>

<datatype>password</datatype>

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</attribute>

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</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="6"/>

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<attribute name="Y">

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</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="21"/>

</attribute>

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<ProcessValue datatype="flag" value="True"/>

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<attribute name="ScreenVisible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

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</attribute>

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</attribute>

<attribute name="AncestorCount">

<ProcessValue datatype="number" value="4"/>

</attribute>

<attribute name="TypeName">

<ProcessValue datatype="text" value="WindowsForms10.EDIT.app.0.141b42a_r7_ad1"/>

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<attribute name="ScreenBounds">

<ProcessValue datatype="text" value="RECT:1340,235,251,1497"/>

</attribute>

<attribute name="Style">

<ProcessValue datatype="number" value="1442906336"/>

</attribute>

<attribute name="pWindowText">

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</attribute>

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<ProcessValue datatype="text" value="WindowsForms10.Window"/>

</attribute>

<attribute name="pCtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

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<ProcessValue datatype="number" value="0"/>

</attribute>

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<attribute name="pWidth">

<ProcessValue datatype="number" value="171"/>

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<attribute name="pHeight">

<ProcessValue datatype="number" value="158"/>

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<attribute name="pVisible">

<ProcessValue datatype="flag" value="True"/>

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<attribute name="pScreenVisible">

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<attribute name="pEnabled">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="pActive">

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</attribute>

<attribute name="pStyle">

<ProcessValue datatype="number" value="1442906336"/>

</attribute>

<attribute name="matchindex">

<ProcessValue datatype="number" value="1"/>

</attribute>

<attribute name="matchreverse">


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</attributes>

</element>

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<basetype>Window</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

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</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="WindowsForms10.Window"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="100"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="100"/>

</attribute>

<attribute name="Width">

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</attribute>
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<attribute name="Height">
<ProcessValue datatype="number" value="233"/>
</attribute>

<attribute name="Visible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
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<attribute name="ScreenVisible" inuse="True">
<ProcessValue datatype="flag" value="True"/>
</attribute>

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<ProcessValue datatype="flag" value="True"/>
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<attribute name="Ordinal">
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<attribute name="ChildCount">
<ProcessValue datatype="number" value="8"/>
</attribute>

<attribute name="AncestorsText">
<ProcessValue datatype="text" value="&lt;UNKNOWN&gt;"/>
</attribute>

<attribute name="AncestorCount">
<ProcessValue datatype="number" value="1"/>
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<attribute name="TypeName" comparisontype="Wildcard" inuse="True">

<ProcessValue datatype="text" value="WindowsForms10*"/>

</attribute>

<attribute name="ScreenBounds">

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</attribute>

<attribute name="Style">

<ProcessValue datatype="number" value="382664704"/>

</attribute>

<attribute name="MatchIndex">

<ProcessValue datatype="number" value="1"/>

</attribute>

<attribute name="MatchReverse">

<ProcessValue datatype="flag" value="True"/>

</attribute>

</attributes>

</element>

<type>Application</type>

<basetype>Application</basetype>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

<apptypeinfo>

<id>Win32Launch</id>

<parameters>

<parameter>

<name>Path</name>

<value>C:\BluePrism\qacontrol\qa\Code\password-tester\password-tester.exe</value>

</parameter>

<parameter>

<name>CommandLineParams</name>

<value>

</value>

</parameter>

<parameter>

<name>WorkingDirectory</name>

<value>

</value>

</parameter>

<parameter>

<name>NonInvasive</name>

<value>True</value>

</parameter>

<parameter>

<name>ProcessMode</name>

<value>Internal</value>

</parameter>

<parameter>

<name>ExternalProcessTimeout</name>

<value>0</value>

</parameter>

<parameter>

<name>Options</name>

<value>

</value>

</parameter>

</parameters>

</apptypeinfo>

</appdef>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="0bc035e9-3ead-4558-a7dc-d750e2a23eda" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

<camerax>0</camerax>

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<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="0f9d5823-d17f-4d97-acd2-b10e7bfa835c" type="Normal" published="True">

<name>Launch</name>

<view>

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<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="a1b4a6f0-2d15-44e8-ae6-189799d935fa" type="Normal" published="True">

<name>Close</name>

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<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="0e672732-aaf9-46e5-91c5-38ee8f073ce2" type="Normal" published="False">

<name>Get Box Y Coord</name>

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<cameray>63</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="91606ac7-e7ae-4046-a1d7-505c8f06b2ff" type="Normal" published="True">

<name>Set Password</name>

<view>

<camerax>-58</camerax>

<cameray>-6</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="8c671706-c251-48db-97dd-1253afc33cf2" type="Normal" published="True">

<name>Get Plain Text</name>

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<cameray>-3</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

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<display x="15" y="-105"/>

<onsuccess>7e7ff23e-7e7f-4b51-9517-2145597f8454</onsuccess>

</stage>

<stage stageid="7e7ff23e-7e7f-4b51-9517-2145597f8454" name="End" type="End">

<loginhibit/>

<display x="15" y="90"/>

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<display x="-195" y="-105" w="150" h="90"/>

<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>
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```
</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

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</stage>

<stage stageid="80874f14-edcd-4abc-8b3a-4bbd7ceb2efe" name="Start" type="Start">

<subsheetsid>0bc035e9-3ead-4558-a7dc-d750e2a23eda</subsheetsid>

<loginhibit/>

<display x="15" y="-105"/>

<onsuccess>5cf4ae38-54c7-41cf-8c4c-403f8d6f6fe8</onsuccess>

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<loginhibit/>

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<stage stageid="96057087-e827-48cb-97a2-bbbfa40828f5" name="Note1" type="Note">

<subsheetsid>0bc035e9-3ead-4558-a7dc-d750e2a23eda</subsheetsid>

<narrative>Clean Up Page
```

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<display x="-180" y="60" w="180" h="230"/>

</stage>

<stage stageid="6cd12c65-f416-4962-b57b-e51f22bedccd" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<display x="-180" y="60" w="180" h="230"/>

</stage>

<stage stageid="e7f4078c-1a6c-4b63-9ff7-5023b3b0eff6" name="Launch" type="SubSheetInfo">

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<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="c95227fc-0ad0-4082-bd5c-109fb6ee6f9e" name="Start" type="Start">

<subsheetsid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetsid>

<loginhibit/>

<display x="15" y="-135"/>

<onsuccess>0f90e8e9-4ebb-4e36-be9a-a530592fff8e</onsuccess>

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<stage stageid="2e27ebc6-8603-4b07-9191-782356a95c45" name="End" type="End">

<subsheetsid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetsid>

<loginhibit/>

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</stage>

<stage stageid="c4d97535-848a-4cae-964c-0063d8cd6490" name="Close" type="SubSheetInfo">

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</stage>

<stage stageid="9543af87-2251-478f-96d2-820952a6ca02" name="Start" type="Start">

<subsheetsid>a1b4a6f0-2d15-44e8-ae6-189799d935fa</subsheetsid>

<loginhibit/>

<display x="15" y="-135"/>

<onsuccess>94b1d0cb-4671-453f-8314-b20f2ebf4a7a</onsuccess>

</stage>

<stage stageid="f0dce540-0f4f-40a1-a123-36ffb1d35813" name="QA Root" type="Data">

<subsheetsid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetsid>

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<datatype>text</datatype>

<initialvalue/>

<exposure>Environment</exposure>

<private/>

<alwaysinit/>

</stage>

<stage stageid="0f90e8e9-4ebb-4e36-be9a-a530592fff8e" name="Test Connected" type="Read">

<subsheetsid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetsid>

<loginhibit/>

<display x="15" y="-90"/>

<onsuccess>331c9fee-06c9-4424-90d6-9759e4dc9e65</onsuccess>

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<step stage="Connected">

<element id="a56f4a72-975c-4f52-a792-d608f8ad4817"/>

<action>

<id>IsConnected</id>

</action>

</step>

</stage>

<stage stageid="e9dfe925-7fe5-4ecd-b38e-efc5c92d5b91" name="Connected" type="Data">

<subsheetsid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetsid>

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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="331c9fee-06c9-4424-90d6-9759e4dc9e65" name="Is Connected?" type="Decision">

<subsheetsid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetsid>

<loginhibit/>

<display x="15" y="-45"/>

<decision expression="[Connected]"/>

<ontrue>2e27ebc6-8603-4b07-9191-782356a95c45</ontrue>

<onfalse>7745f4b2-2981-45ce-b366-3322708a8c28</onfalse>

</stage>

<stage stageid="7745f4b2-2981-45ce-b366-3322708a8c28" name="LAUNCH" type="Navigate">

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<step>

<element id="a56f4a72-975c-4f52-a792-d608f8ad4817"/>

<action>

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<arguments>

<argument>

<id>Path</id>

<value>[QA Root] & "\Code\password-tester\password-tester.exe"</value>

</argument>

<argument>

<id>CommandLineParams</id>

<value>

</value>

</argument>

<argument>

<id>WorkingDirectory</id>

<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

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<loginhibit/>

<display x="120" y="60" w="30" h="30"/>

<onsuccess>824c1ae6-6f68-4d9a-bbdf-5f5384a488e8</onsuccess>

<groupid>8893d342-800d-49b2-b8c7-4d4274139f36</groupid>

</stage>

<stage stageid="40f113f4-0454-4f79-86fb-1562d979b55d" name="Wait For Main Window" type="WaitStart">

<subsheetid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetid>

<loginhibit/>

<display x="120" y="0"/>

<groupid>8893d342-800d-49b2-b8c7-4d4274139f36</groupid>

<choices>

<choice reply="True">

<name>Main Window Check Exists</name>

<distance>30</distance>

<ontrue>2e27ebc6-8603-4b07-9191-782356a95c45</ontrue>

<element id="d1349c42-ee38-4fe8-8e95-729826abda6a"/>

<condition>

<id>CheckExists</id>

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</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>[Timeout]</timeout>

</stage>

<stage stageid="824c1ae6-6f68-4d9a-bbdf-5f5384a488e8" name="FAIL" type="Exception">

<subsheetid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetid>

<display x="180" y="60" w="30" h="30"/>

<exception type="MissingElementException" detail="&quot;Main window didn't appear within &quot;q

</stage>

<stage stageid="157e529d-ff8a-4d19-9d41-347a723e9211" name="Timeout" type="Data">

<subsheetid>0f9d5823-d17f-4d97-acd2-b10e7bfa835c</subsheetid>

<loginhibit/>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="67972dc2-ead2-4d70-8dd2-48316d9202f0" name="End" type="End">

<subsheetid>a1b4a6f0-2d15-44e8-ae6-189799d935fa</subsheetid>

<loginhibit/>

<display x="15" y="0"/>

</stage>

<stage stageid="94b1d0cb-4671-453f-8314-b20f2ebf4a7a" name="Test Connected" type="Read">

<subsheetid>a1b4a6f0-2d15-44e8-ae6-189799d935fa</subsheetid>
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<loginhibit/>

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<onsuccess>1a8f4d25-7555-4213-862f-4471ba8d0506</onsuccess>

<step stage="Connected">

<element id="a56f4a72-975c-4f52-a792-d608f8ad4817"/>

<action>

<id>IsConnected</id>

</action>

</step>

</stage>

<stage stageid="1a8f4d25-7555-4213-862f-4471ba8d0506" name="Is Connected?" type="Decision">

<subsheetsid>a1b4a6f0-2d15-44e8-ae6-189799d935fa</subsheetsid>

<loginhibit/>

<display x="15" y="-45"/>

<decision expression="[Connected]"/>

<ontrue>e8372109-d0c6-40b5-b4b6-4cbe07087ad8</ontrue>

<onfalse>67972dc2-ead2-4d70-8dd2-48316d9202f0</onfalse>

</stage>

<stage stageid="e8372109-d0c6-40b5-b4b6-4cbe07087ad8" name="EXIT" type="Navigate">

<subsheetsid>a1b4a6f0-2d15-44e8-ae6-189799d935fa</subsheetsid>

<loginhibit/>

<display x="105" y="-45"/>

<onsuccess>67972dc2-ead2-4d70-8dd2-48316d9202f0</onsuccess>

<step>

<element id="a56f4a72-975c-4f52-a792-d608f8ad4817"/>

<action>

<id>Terminate</id>

```
</action>

</step>

</stage>

<stage stageid="c08c756f-106a-418a-922b-08b6e6f9914b" name="Set Password" type="SubSheetInfo">

<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="f5729e40-a5df-466e-afc4-f5ab6b93a841" name="Start" type="Start">

<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>

<loginhibit/>

<display x="0" y="-135"/>

<inputs>

<input type="text" name="Name" narrative="The name of the label corresponding to the password to set; w

<input type="password" name="Password" narrative="The password to set" stage="Password"/>

</inputs>

<onsuccess>e91cd243-b1bd-49f9-959f-9cb92474b591</onsuccess>

</stage>

<stage stageid="f17ac768-a912-4374-997c-17a55a691c81" name="End" type="End">

<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>

<loginhibit/>

<display x="0" y="0"/>

</stage>

<stage stageid="a4d6551b-37ae-4ebe-80dd-1c8536625192" name="Write Password" type="Write">

<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>

<loginhibit/>

<display x="0" y="-45"/>

<onsuccess>f17ac768-a912-4374-997c-17a55a691c81</onsuccess>
```



```
<step expr="[Password]">
<element id="da8680c1-b49c-4b5d-addf-9e2563092360">
<elementparameter>
<name>Y</name>
<expression>[Password Y]</expression>
<datatype>number</datatype>
<comparisontype>Equal</comparisontype>
</elementparameter>
</element>
</step>
</stage>
<stage stageid="1ebb2b76-a26d-4190-b7fd-f5dfa0bbd261" name="Password Y" type="Data">
<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>
<display x="-195" y="30" w="90" h="30"/>
<datatype>number</datatype>
<initialvalue/>
<private/>
<alwaysinit/>
</stage>
<stage stageid="e961b1bf-21b9-4ddd-97b0-0cc04074da81" name="Password" type="Data">
<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>
<display x="-195" y="0" w="90" h="30"/>
<datatype>password</datatype>
<initialvalueenc>
</initialvalueenc>
<private/>
<alwaysinit/>
```

```
</stage>

<stage stageid="36445da5-4891-4bb2-b47f-6a8ea7541a9e" name="Connected" type="Data">

<subsheetsid>a1b4a6f0-2d15-44e8-ae6-189799d935fa</subsheetsid>

<display x="-195" y="0" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="8121fde9-5604-4abf-872c-aaed9f98407d" name="Get Plain Text" type="SubSheetInfo">

<subsheetsid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="8331dcca-3a15-4bcc-9839-ad7ae76bd272" name="Get Box Y Coord" type="SubSheetInfo">

<subsheetsid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="9401f9b9-4a64-4a2f-b22f-2ac51dc0927d" name="Start" type="Start">

<subsheetsid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetsid>

<loginhibit/>

<display x="15" y="-135"/>

<inputs>

<input type="text" name="Name" narrative="The label name for the row to get the Y coord for. Wildcards a

</inputs>

<onsuccess>4abfc03a-a818-4629-89ff-3aad224d9c2a</onsuccess>

</stage>

<stage stageid="0483df40-403f-49c3-97d8-cd9fd2edd51b" name="End" type="End">
```

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="15" y="180"/>

<outputs>

<output type="number" name="Y" narrative="The y co-ordinate to use for the textboxes corresponding to th

</outputs>

</stage>

<stage stageid="d618a867-1e4e-4f24-a34d-08914db0e70d" name="Name" type="Data">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<display x="-195" y="-30" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="a9e79118-9836-4f4e-b003-2d4889841007" name="Y" type="Data">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<display x="-195" y="0" w="90" h="30"/>

<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5ca1d9b0-f26c-4074-9a0c-40d1cfb6fefb" name="o" type="WaitEnd">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="150" y="-90" w="30" h="30"/>

<onsuccess>d7e41eb9-1ac4-4ae0-90af-30f0260d400b</onsuccess>

<groupid>90e5ddf5-1344-4ffd-8fc8-eb4106a31b8c</groupid>

</stage>

<stage stageid="4abfc03a-a818-4629-89ff-3aad224d9c2a" name="Check For Label" type="WaitStart">

<subsheetsid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetsid>

<loginhibit/>

<display x="-30" y="-90"/>

<groupid>90e5ddf5-1344-4ffd-8fc8-eb4106a31b8c</groupid>

<choices>

<choice reply="True">

<name>Label [Name] Check Exists</name>

<distance>45</distance>

<ontrue>0ebc178b-f9db-4084-968b-5f18a2516742</ontrue>

<element id="dae586f6-2bce-4b27-8c05-75041ed8da2a">

<elementparameter>

<name>WindowText</name>

<expression>[Name]</expression>

<datatype>text</datatype>

<comparisontype>Wildcard</comparisontype>

</elementparameter>

</element>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

```
<timeout>1</timeout>

</stage>

<stage stageid="d7e41eb9-1ac4-4ae0-90af-30f0260d400b" name="FAIL" type="Exception">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<display x="195" y="-90" w="30" h="30"/>

<exception type="InvalidNameException" detail="&quot;No label or more than one label with the name" />

</stage>

<stage stageid="0ebc178b-f9db-4084-968b-5f18a2516742" name="Read Bounds Of First Label" type="Read">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="15" y="-45" w="90" h="30"/>

<onsuccess>de3dbf3d-5841-4024-8fc5-5af3cfc38d4a</onsuccess>

<step stage="First Label Bounds">

<element id="1397370b-2a0b-425e-a727-c2c54a10766e"/>

<action>

<id>GetElementScreenBounds</id>

</action>

</step>

</stage>

<stage stageid="de3dbf3d-5841-4024-8fc5-5af3cfc38d4a" name="Read Y Of First Password" type="Read">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="15" y="0" w="90" h="30"/>

<onsuccess>d6f15f17-5c94-43cb-a4d1-f3eda2d55e2a</onsuccess>

<step stage="First Password Y">

<element id="60afc629-fd63-4696-a572-3ce9ad5d1371"/>

<action>
```

<id>GetWindowIdentifier</id>

<arguments>

<argument>

<id>idname</id>

<value>"Y"</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="d6f15f17-5c94-43cb-a4d1-f3eda2d55e2a" name="Read Bounds Of Required Label" type=

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="15" y="45" w="90" h="30"/>

<onsuccess>60e52ed3-7c51-4e90-be1b-a89fac0747d0</onsuccess>

<step stage="Label Bounds">

<element id="dae586f6-2bce-4b27-8c05-75041ed8da2a">

<elementparameter>

<name>WindowText</name>

<expression>[Name]</expression>

<datatype>text</datatype>

<comparisontype>Wildcard</comparisontype>

</elementparameter>

</element>

<action>

<id>GetElementScreenBounds</id>

</action>

```
</step>

</stage>

<stage stageid="60e52ed3-7c51-4e90-be1b-a89fac0747d0" name="Get Y Difference" type="Calculation">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="15" y="90" w="90" h="30"/>

<onsuccess>de486787-1707-4af7-866e-668b302cfb4e</onsuccess>

<calculation expression="[Label Bounds.Top] - [First Label Bounds.Top]" stage="Y Diff"/>

</stage>

<stage stageid="de486787-1707-4af7-866e-668b302cfb4e" name="Calc Textbox Y Coord" type="Calculation">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<loginhibit/>

<display x="15" y="135" w="90" h="30"/>

<onsuccess>0483df40-403f-49c3-97d8-cd9fd2edd51b</onsuccess>

<calculation expression="[First Password Y] + [Y Diff]" stage="Y"/>

</stage>

<stage stageid="69e5e22e-19a1-448a-9c3b-c48fa90bc933" name="Label Bounds" type="Collection">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<display x="-195" y="195" w="90" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="0c964e44-bdd2-4499-bf0c-323acde604ba" name="Y Diff" type="Data">

<subsheetid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetid>

<display x="-195" y="135" w="90" h="30"/>

<datatype>number</datatype>
```

```
<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b55c064d-b387-446a-9090-b2ef480315ae" name="First Label Bounds" type="Collection">

<subsheetsid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetsid>

<display x="-195" y="45" w="90" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="713114a8-9fa9-460e-89ac-c0e700670179" name="First Password Y" type="Data">

<subsheetsid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</subsheetsid>

<display x="-195" y="75" w="90" h="30"/>

<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="e91cd243-b1bd-49f9-959f-9cb92474b591" name="Get Box Y Coord" type="SubSheet">

<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>

<loginhibit/>

<display x="0" y="-90"/>

<inputs>

<input type="text" name="Name" narrative="The label name for the row to get the Y coord for. Wildcards a

</inputs>

<outputs>
```



```
<output type="number" name="Y" narrative="The y co-ordinate to use for the textboxes corresponding to th
</outputs>

<onsuccess>a4d6551b-37ae-4ebe-80dd-1c8536625192</onsuccess>

<processid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</processid>

</stage>

<stage stageid="c31e96ee-cda0-49f6-8935-1a78c32e88ed" name="End" type="End">

<subsheetid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetid>

<loginhibit/>

<display x="0" y="0"/>

<outputs>

<output type="text" name="Plain Text" narrative="The plaintext in the textbox associated with the specified
</outputs>

</stage>

<stage stageid="203fd9e2-e853-4896-b585-3245dfc3f7fd" name="Read Plaintext" type="Read">

<subsheetid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetid>

<loginhibit/>

<display x="0" y="-45"/>

<onsuccess>c31e96ee-cda0-49f6-8935-1a78c32e88ed</onsuccess>

<step stage="Plain Text">

<element id="213da2dd-72bd-45c7-afb6-508bc8da2326">

<elementparameter>

<name>Y</name>

<expression>[Password Y]</expression>

<datatype>number</datatype>

<comparisontype>Equal</comparisontype>

</elementparameter>

</element>
```

<action>

<id>GetWindowText</id>

</action>

</step>

</stage>

<stage stageid="e25a799a-eadf-4c2d-b497-378e1dc49f27" name="Name" type="Data">

<subsheetid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetid>

<display x="-195" y="-30" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="65d831bd-8cac-4f22-8903-6174bd81800c" name="Password Y" type="Data">

<subsheetid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetid>

<display x="-195" y="0" w="90" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f952349b-5967-48b8-8ca1-562f9b69f202" name="Get Box Y Coord" type="SubSheet">

<subsheetid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetid>

<loginhibit/>

<display x="0" y="-90"/>

<inputs>

<input type="text" name="Name" narrative="The label name for the row to get the Y coord for. Wildcards a

```
</inputs>

<outputs>

<output type="number" name="Y" narrative="The y co-ordinate to use for the textboxes corresponding to th

</outputs>

<onsuccess>203fd9e2-e853-4896-b585-3245dfc3f7fd</onsuccess>

<processid>0e672732-aaf9-46e5-91c5-38ee8f073ce2</processid>

</stage>

<stage stageid="d945e9e2-647b-4d4a-9301-ddd8e1cb1851" name="Start" type="Start">

<subsheetsid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetsid>

<loginhibit/>

<display x="0" y="-135"/>

<inputs>

<input type="text" name="Name" narrative="The name of the label corresponding to the password to set; w

</inputs>

<onsuccess>f952349b-5967-48b8-8ca1-562f9b69f202</onsuccess>

</stage>

<stage stageid="fa48557e-0185-498e-a4a4-cb5a5f50937d" name="Plain Text" type="Data">

<subsheetsid>8c671706-c251-48db-97dd-1253afc33cf2</subsheetsid>

<display x="-195" y="30" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="2bc98381-138b-46a0-a0a8-fcd677cbdc7c" name="Name" type="Data">

<subsheetsid>91606ac7-e7ae-4046-a1d7-505c8f06b2ff</subsheetsid>

<loginhibit/>
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<display x="-195" y="-30" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

</process>

<process name="PBDelta" version="1.0" bpversion="6.7.0.16843" narrative="o" byrefcollection="true" type="o" />

<appdef>

<element name="pBo">

<id>cedf22be-deda-49a1-ab7d-65ae29031a02</id>

<element name="Preferences Dialog">

<id>cc890b45-9fc9-431a-8c19-a58044214ce6</id>

<element name="Cancel Button">

<id>0c59ed97-6d00-4947-826a-4555d3bdc195</id>

<type>Button</type>

<basetype>Button</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText" inuse="True">

<ProcessValue datatype="text" value="Cancel"/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="Button"/>

</attribute>

<attribute name="CtrlID" inuse="True">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="142"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="315"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="78"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="24"/>

</attribute>

<attribute name="Visible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Enabled" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Active">

<ProcessValue datatype="flag" value="False"/>

</attribute>

<attribute name="Ordinal">

<ProcessValue datatype="number" value="3"/>

</attribute>

<attribute name="ChildCount">

<ProcessValue datatype="number" value="0"/>
</attribute>
<attribute name="pWindowText">
<ProcessValue datatype="text" value="Preferences"/>
</attribute>
<attribute name="pCtrlID" inuse="True">
<ProcessValue datatype="number" value="0"/>
</attribute>
<attribute name="pX">
<ProcessValue datatype="number" value="368"/>
</attribute>
<attribute name="pY">
<ProcessValue datatype="number" value="327"/>
</attribute>
<attribute name="pWidth">
<ProcessValue datatype="number" value="545"/>
</attribute>
<attribute name="pHeight">
<ProcessValue datatype="number" value="374"/>
</attribute>
<attribute name="pActive">
<ProcessValue datatype="flag" value="True"/>
</attribute>
<attribute name="pOrdinal">
<ProcessValue datatype="number" value="6"/>
</attribute>
<attribute name="pChildCount">

<ProcessValue datatype="number" value="5"/>
</attribute>
</attributes>
</element>
<element name="Save Load dll 4 Edit Field">
<id>679f3bba-8203-4776-abea-d080e24eacec</id>
<element name="Contained Region">
<id>58f52efb-27d2-4ac1-8615-299d1e6c16bf</id>
<type>WindowRect</type>
<basetype>WindowRect</basetype>
<datatype>text</datatype>
<diagnose>False</diagnose>
<attributes>
<attribute name="WindowText" inuse="True">
<ProcessValue datatype="text" value="Associate the .dl3 file extension with PBDelta"/>
</attribute>
<attribute name="ClassName" inuse="True">
<ProcessValue datatype="text" value="Button"/>
</attribute>
<attribute name="CtrlID" inuse="True">
<ProcessValue datatype="number" value="0"/>
</attribute>
<attribute name="X">
<ProcessValue datatype="number" value="17"/>
</attribute>
<attribute name="Y">
<ProcessValue datatype="number" value="20"/>

</attribute>

<attribute name="Width">

<ProcessValue datatype="number" value="219"/>

</attribute>

<attribute name="Height">

<ProcessValue datatype="number" value="14"/>

</attribute>

<attribute name="Visible" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Enabled" inuse="True">

<ProcessValue datatype="flag" value="True"/>

</attribute>

<attribute name="Active">

<ProcessValue datatype="flag" value="False"/>

</attribute>

<attribute name="Ordinal">

<ProcessValue datatype="number" value="6"/>

</attribute>

<attribute name="ChildCount">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="pWindowText">

<ProcessValue datatype="text" value="System"/>

</attribute>

<attribute name="pCtrlID" inuse="True">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="pX">

<ProcessValue datatype="number" value="4"/>

</attribute>

<attribute name="pY">

<ProcessValue datatype="number" value="52"/>

</attribute>

<attribute name="pWidth">

<ProcessValue datatype="number" value="526"/>

</attribute>

<attribute name="pHeight">

<ProcessValue datatype="number" value="253"/>

</attribute>

<attribute name="pActive">

<ProcessValue datatype="flag" value="False"/>

</attribute>

<attribute name="pOrdinal">

<ProcessValue datatype="number" value="9"/>

</attribute>

<attribute name="pChildCount">

<ProcessValue datatype="number" value="6"/>

</attribute>

<attribute name="StartX" inuse="True">

<ProcessValue datatype="number" value="81"/>

</attribute>

<attribute name="StartY" inuse="True">

<ProcessValue datatype="number" value="11"/>

</attribute>

<attribute name="EndX" inuse="True">

<ProcessValue datatype="number" value="389"/>

</attribute>

<attribute name="EndY" inuse="True">

<ProcessValue datatype="number" value="22"/>

</attribute>

</attributes>

</element>

<type>Edit</type>

<basetype>Edit</basetype>

<datatype>text</datatype>

<diagnose>False</diagnose>

<attributes>

<attribute name="WindowText">

<ProcessValue datatype="text" value=""/>

</attribute>

<attribute name="ClassName" inuse="True">

<ProcessValue datatype="text" value="Edit"/>

</attribute>

<attribute name="CtrlID">

<ProcessValue datatype="number" value="0"/>

</attribute>

<attribute name="X">

<ProcessValue datatype="number" value="98"/>

</attribute>

<attribute name="Y">

<ProcessValue datatype="number" value="51"/>

</attribute>

<attribute name="Width" inuse="True">

<ProcessValue datatype="number" value="311"/>

</attribute>

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</parameter>

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<value>0</value>

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</parameters>

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</stage>

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<onsuccess>16910892-91e7-449c-821d-2c320b0f82b0</onsuccess>

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<subsheetid>ea845ac2-9a43-4c2c-87e1-5f3eff87b8b8</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<display x="-180" y="60" w="180" h="230"/>

</stage>

<stage stageid="8ab17c32-4305-442f-b25e-19ea2adb9ac8" name="new" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

```
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```

```
<stage stageid="16910892-91e7-449c-821d-2c320b0f82b0" name="Launch" type="Navigate">
```

```
<subsheetid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetid>
```

```
<loginhibit/>
```

```
<display x="30" y="0"/>
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```
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```

```
<onsuccess>1bbe49f0-eca2-4733-97fe-da7f6d87916d</onsuccess>
```

```
<step>
```

```
<element id="cedf22be-deda-49a1-ab7d-65ae29031a02"/>
```

```
<action>
```

```
<id>Launch</id>
```

```
<arguments>
```

```
<argument>
```

```
<id>Path</id>
```

```
<value>[QA Root]&amp;amp;"\Code\PowerBuilder\PBDelta\pbdelta5a.exe"</value>
```

```
</argument>
```

```
<argument>
```

```
<id>CommandLineParams</id>
```

```
<value>
```

```
</value>
```

```
</argument>
```

<argument>

<id>WorkingDirectory</id>

<value>

</value>

</argument>

<argument>

<id>NonInvasive</id>

<value>

</value>

</argument>

<argument>

<id>ProcessMode</id>

<value>

</value>

</argument>

<argument>

<id>Options</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="1289bce5-ac97-4054-9874-c4728741cedd" name="End1" type="End">

<subsHEETid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsHEETid>

<loginhibit/>


```
<display x="195" y="510"/>

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</stage>

<stage stageid="79dc307b-e383-4993-85e2-080b0ada572b" name="Exit Application" type="SubSheetInfo">

<subsheetid>16a6391c-acb1-46a9-9954-9dde012b09cc</subsheetid>

<display x="-195" y="-105" w="150" h="90"/>

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</stage>

<stage stageid="10c6b010-3eb8-469a-a70b-cc9d24f81e3a" name="Start" type="Start">

<subsheetid>16a6391c-acb1-46a9-9954-9dde012b09cc</subsheetid>

<loginhibit/>

<display x="15" y="-105"/>

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<onsuccess>5960d1b9-441b-457a-b203-f93ab48ae8d9</onsuccess>

</stage>

<stage stageid="a1b259af-bb43-4479-85eb-3c3c03d2e50a" name="End" type="End">

<subsheetid>16a6391c-acb1-46a9-9954-9dde012b09cc</subsheetid>

<loginhibit/>

<display x="15" y="90"/>

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</stage>

<stage stageid="5960d1b9-441b-457a-b203-f93ab48ae8d9" name="Choose Exit from Menu" type="Navigation">

<subsheetid>16a6391c-acb1-46a9-9954-9dde012b09cc</subsheetid>

<loginhibit/>

<display x="15" y="-15" w="90" h="30"/>

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<onsuccess>a1b259af-bb43-4479-85eb-3c3c03d2e50a</onsuccess>
```

<step>

<element id="c7f33c8e-d360-4776-920c-09d1e8b65f67"/>

<action>

<id>SelectMenuItem</id>

<arguments>

<argument>

<id>Value</id>

<value>"{File}{Exit Alt+F4}"</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="9a158ad1-1f46-4ff6-803d-dd8041718afa" name="Mess About In Preferences Dialog" type="Error" >

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="b74afcdc-aff9-4703-8a16-a3badedbfa04" name="Start" type="Start">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="15" y="-105"/>

<onsuccess>ae0646ea-2046-425b-bd05-b851ddb8fe5a</onsuccess>

</stage>

<stage stageid="f7d049dc-e54b-4a23-b066-1932b8df9ed3" name="End" type="End">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="1905"/>

</stage>

<stage stageid="c1ff79f5-ee82-4b63-aef9-2e2dbc31e6c3" name="Time Out2" type="WaitEnd">

<subsheetsid>ea845ac2-9a43-4c2c-87e1-5f3eff87b8b8</subsheetsid>

<loginhibit/>

<display x="225" y="-60" w="30" h="30"/>

<onsuccess>e908c93e-e910-4090-b423-50d4a40d637e</onsuccess>

<groupid>e2facef6-ee14-4d91-9234-62d233817b21</groupid>

</stage>

<stage stageid="444cc0b6-2d71-4188-a284-fdbfe92ff127" name="Check For Preferences Dialog" type="V

<subsheetsid>ea845ac2-9a43-4c2c-87e1-5f3eff87b8b8</subsheetsid>

<loginhibit/>

<display x="45" y="-60" w="60" h="60"/>

<groupid>e2facef6-ee14-4d91-9234-62d233817b21</groupid>

<choices/>

<timeout>5</timeout>

</stage>

<stage stageid="7f0d3b38-c8d6-4e94-9025-605ed3ffd430" name="Close Preferences Dialog" type="Navi

<subsheetsid>ea845ac2-9a43-4c2c-87e1-5f3eff87b8b8</subsheetsid>

<loginhibit/>

<display x="135" y="30" w="120" h="30"/>

<onsuccess>c87165ba-efcf-47e3-953c-41f73f8ae8f2</onsuccess>

</stage>

<stage stageid="c87165ba-efcf-47e3-953c-41f73f8ae8f2" name="Exit Application" type="SubSheet">

<subsheetsid>ea845ac2-9a43-4c2c-87e1-5f3eff87b8b8</subsheetsid>

<loginhibit/>

<display x="135" y="90" w="90" h="30"/>

<onsuccess>5b870379-c708-412c-980c-e280857abd04</onsuccess>

<processid>16a6391c-acb1-46a9-9954-9dde012b09cc</processid>

</stage>

<stage stageid="e908c93e-e910-4090-b423-50d4a40d637e" name="anchor1" type="Anchor">

<subsheetsid>ea845ac2-9a43-4c2c-87e1-5f3eff87b8b8</subsheetsid>

<loginhibit/>

<display x="225" y="30" w="10" h="10"/>

<onsuccess>7f0d3b38-c8d6-4e94-9025-605ed3ffd430</onsuccess>

</stage>

<stage stageid="ae0646ea-2046-425b-bd05-b851ddb8fe5a" name="Open Preferences From Menu" type="Menu">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="15" y="-30" w="90" h="30"/>

<onsuccess>c37e0ea3-334c-4cfb-9882-e21497da4af6</onsuccess>

<step>

<element id="c7f33c8e-d360-4776-920c-09d1e8b65f67"/>

<action>

<id>SelectMenuItem</id>

<arguments>

```
<argument>

<id>Value</id>

<value>"{File}{Preferences...}"</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="aa057ae9-ca1d-4626-b728-d04579f29205" name="Time Out3" type="WaitEnd">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="225" y="45" w="30" h="30"/>

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<onsuccess>80b75318-de0d-4f04-bca9-b5be176ddfea</onsuccess>

<groupid>e7fadb0a-cb00-49db-82f8-f47ae088ecf2</groupid>

</stage>

<stage stageid="c37e0ea3-334c-4cfb-9882-e21497da4af6" name="Wait for Preferences Window" type="V

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="15" y="45" w="60" h="60"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<groupid>e7fadb0a-cb00-49db-82f8-f47ae088ecf2</groupid>

<choices>

<choice reply="True">

<name>Preferences Dialog Check Exists</name>

<distance>60</distance>

<ontrue>c9f6fc01-ebd5-4273-ba91-c9015d93d641</ontrue>
```

```
<element id="cc890b45-9fc9-431a-8c19-a58044214ce6"/>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>5</timeout>

</stage>

<stage stageid="c9f6fc01-ebd5-4273-ba91-c9015d93d641" name="Read All Tabs" type="Read">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="105"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>558a5ca2-7426-4bbc-a8a1-c881767bfe81</onsuccess>

<step stage="All Tabs">

<element id="f2621ab3-b9b6-49fe-94e3-ee05228be312"/>

<action>

<id>GetAllItems</id>

</action>

</step>

<step stage="Selected Tab">

<element id="f2621ab3-b9b6-49fe-94e3-ee05228be312"/>

<action>

<id>GetSelectedItemText</id>

</action>

</step>
```

```
<step stage="count">

<element id="f2621ab3-b9b6-49fe-94e3-ee05228be312"/>

<action>

<id>GetItemCount</id>

</action>

</step>

</stage>

<stage stageid="50b730f0-11b8-4835-ac89-a70a66a7b750" name="Selected Tab" type="Data">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<display x="150" y="105"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="45c286e3-e5d8-4b41-b85b-bcd05257d262" name="All Tabs" type="Collection">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<display x="210" y="105"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="007aa629-a61a-4ec9-951f-e1cafe844e4a" name="Verify Tab Data" type="Decision">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>
```

```
<display x="75" y="225" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<decision expression="([Len([Selected Tab]) &gt; 0) and ([count] &gt; 0) and ([AllItemsCount] = [count])"/>

<ontrue>af841db1-56da-4316-9731-3a44d8610cb0</ontrue>

<onfalse>3735826e-7d5f-4456-8624-32c07539afc5</onfalse>

</stage>

<stage stageid="76eabf1a-e7f4-4d5d-85ca-f1576664bc6d" name="count" type="Data">

<subsheets>
<sheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</sheetid>
<sheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</sheetid>
</sheets>

<display x="270" y="105"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="558a5ca2-7426-4bbc-a8a1-c881767bfe81" name="Count Tabs in Collection" type="Action">

<subsheets>
<sheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</sheetid>
<sheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</sheetid>
</sheets>

<loginhibit/>

<display x="75" y="165"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&[Collection Name]"/>

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="All">

</outputs>

<onsuccess>007aa629-a61a-4ec9-951f-e1cafe844e4a</onsuccess>
```



```
<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="8454b877-8e47-463b-ab09-4a3841a0420b" name="AllItemsCount" type="Data">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<display x="150" y="165"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3735826e-7d5f-4456-8624-32c07539afc5" name="anchor2" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="375" y="225" w="10" h="10"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>eb48e0f4-2715-48c9-84c0-85cbc378162f</onsuccess>

</stage>

<stage stageid="80b75318-de0d-4f04-bca9-b5be176ddfea" name="anchor3" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="375" y="45" w="10" h="10"/>

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<onsuccess>3735826e-7d5f-4456-8624-32c07539afc5</onsuccess>

</stage>

<stage stageid="eb48e0f4-2715-48c9-84c0-85cbc378162f" name="anchor4" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>
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<loginhibit/>

<display x="375" y="390" w="10" h="10"/>

<onsuccess>1b4b4541-1981-44d9-a280-5a364f4edc0a</onsuccess>

</stage>

<stage stageid="cd390c43-4003-44f5-a357-8d99b57bd6c1" name="anchor5" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="375" y="1395" w="10" h="10"/>

<onsuccess>0e0b55e9-5a32-42da-b05f-faf61ab9eb0e</onsuccess>

</stage>

<stage stageid="1b4b4541-1981-44d9-a280-5a364f4edc0a" name="anchor6" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="375" y="570" w="10" h="10"/>

<onsuccess>666dd939-787c-4928-9f20-748491564c53</onsuccess>

</stage>

<stage stageid="666dd939-787c-4928-9f20-748491564c53" name="anchor7" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="375" y="765" w="10" h="10"/>

<onsuccess>a738bee1-fec6-4106-854b-609f82a233b2</onsuccess>

</stage>

<stage stageid="a738bee1-fec6-4106-854b-609f82a233b2" name="anchor8" type="Anchor">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="375" y="990" w="10" h="10"/>

<onsuccess>746bbef1-cfea-4a1a-a888-59e1ab05e765</onsuccess>

</stage>

<stage stageid="746bbef1-cfea-4a1a-a888-59e1ab05e765" name="anchor9" type="Anchor">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="375" y="1215" w="10" h="10"/>

<onsuccess>cd390c43-4003-44f5-a357-8d99b57bd6c1</onsuccess>

</stage>

<stage stageid="af841db1-56da-4316-9731-3a44d8610cb0" name="Set Checkbox True" type="Write">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="300" w="90" h="30"/>

<onsuccess>9ac4b4b8-a6ed-4090-9d7c-1b5f6675e62d</onsuccess>

<step expr="True">

<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>

</step>

</stage>

<stage stageid="9ac4b4b8-a6ed-4090-9d7c-1b5f6675e62d" name="Get Checkbox Value" type="Read">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="345" w="90" h="30"/>

<onsuccess>060140c3-fd65-46e0-a55f-c7848383f575</onsuccess>

<step stage="checked">

<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>

<action>

<id>GetChecked</id>

</action>

</step>

</stage>

<stage stageid="a3e5badc-2bae-44bb-9727-9267e328544e" name="checked" type="Data">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<display x="165" y="345"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="060140c3-fd65-46e0-a55f-c7848383f575" name="Verify Checked Value" type="Decision">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="390" w="90" h="30"/>

<decision expression="[checked] = True"/>

<ontrue>625c96fb-2181-45fb-987b-3b95943599f3</ontrue>

<onfalse>eb48e0f4-2715-48c9-84c0-85cbc378162f</onfalse>

</stage>

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<stage stageid="625c96fb-2181-45fb-987b-3b95943599f3" name="Set Checkbox False" type="Write">
<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>
<loginhibit/>
<display x="75" y="480" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>3a0030b5-f987-40b5-a392-eebe80587c3d</onsuccess>
<step expr="False">
<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>
</step>
</stage>
<stage stageid="3a0030b5-f987-40b5-a392-eebe80587c3d" name="Get Checkbox Value" type="Read">
<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>
<loginhibit/>
<display x="75" y="525" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>6362a605-bb26-4b57-8bd8-bcf7d70f0318</onsuccess>
<step stage="checked">
<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>
<action>
<id>GetChecked</id>
</action>
</step>
</stage>
<stage stageid="6362a605-bb26-4b57-8bd8-bcf7d70f0318" name="Verify Checked Value" type="Decision">
<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>
<loginhibit/>
<display x="75" y="570" w="90" h="30"/>
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<decision expression="[checked] = False"/>

<ontrue>cfc183fa-2b57-4924-863b-a44ad0fa81ed</ontrue>

<onfalse>1b4b4541-1981-44d9-a280-5a364f4edc0a</onfalse>

</stage>

<stage stageid="cfc183fa-2b57-4924-863b-a44ad0fa81ed" name="Set Checkbox True" type="Write">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="675" w="90" h="30"/>

<onsuccess>9d7295f3-47dd-496e-80de-6b526ed178a5</onsuccess>

<step expr="True">

<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>

</step>

</stage>

<stage stageid="9d7295f3-47dd-496e-80de-6b526ed178a5" name="Get Checkbox Value" type="Read">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="720" w="90" h="30"/>

<onsuccess>6b5957fd-d691-4a5d-a6e2-e29651bc3a2d</onsuccess>

<step stage="checked">

<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>

<action>

<id>GetChecked</id>

</action>

</step>

```
</stage>

<stage stageid="6b5957fd-d691-4a5d-a6e2-e29651bc3a2d" name="Verify Checked Value" type="Decision">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="765" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<decision expression="[checked] = True"/>

<ontrue>51415949-4926-4eaa-88bb-6a6a6d87b462</ontrue>

<onfalse>666dd939-787c-4928-9f20-748491564c53</onfalse>

</stage>

<stage stageid="51415949-4926-4eaa-88bb-6a6a6d87b462" name="Set Checkbox False" type="Write">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="900" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>e53b2d3d-bb53-4591-af0b-465abbc6a0e</onsuccess>

<step expr="False">

<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>

</step>

</stage>

<stage stageid="e53b2d3d-bb53-4591-af0b-465abbc6a0e" name="Get Checkbox Value" type="Read">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="945" w="90" h="30"/>

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<onsuccess>7d5443a4-dc7e-4a57-af6b-ec755a71a5d4</onsuccess>

<step stage="checked">
```

```
<element id="f9274f5b-e0ca-406b-bcd3-e77da9b1b11e"/>

<action>

<id>GetChecked</id>

</action>

</step>

</stage>

<stage stageid="7d5443a4-dc7e-4a57-af6b-ec755a71a5d4" name="Verify Checked Value" type="Decision">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="990" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<decision expression="[checked] = False"/>

<ontrue>1dadd8b4-0129-420b-83e3-25a556b22d55</ontrue>

<onfalse>a738bee1-fec6-4106-854b-609f82a233b2</onfalse>

</stage>

<stage stageid="ca32eb85-dfd4-49bb-844b-75dfc68d42de" name="Get All ComboBox Items" type="Read">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1125" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>3abc4f4a-b725-4627-9651-fe3096aab428</onsuccess>

<step stage="count">

<element id="a76e0635-a525-4f2a-ba34-a07da0314084"/>

<action>

<id>GetItemCount</id>

</action>

</step>
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<step stage="All Combo Items">

<element id="a76e0635-a525-4f2a-ba34-a07da0314084"/>

<action>

<id>GetAllItems</id>

</action>

</step>

<step stage="Selected Combo Item">

<element id="a76e0635-a525-4f2a-ba34-a07da0314084"/>

<action>

<id>GetSelectedItemText</id>

</action>

</step>

<step stage="Combo Text">

<element id="a76e0635-a525-4f2a-ba34-a07da0314084"/>

<action>

<id>GetWindowText</id>

</action>

</step>

</stage>

<stage stageid="7fef0148-23e7-403a-9913-9ac678080ece" name="All Combo Items" type="Collection">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<display x="150" y="1125"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

```
<stage stageid="db10f733-0e6b-4e65-b596-a24b9626637f" name="Selected Combo Item" type="Data">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<display x="210" y="1125"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3abc4f4a-b725-4627-9651-fe3096aab428" name="Count Collection Items" type="Action">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1170" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&amp;

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>a386dbf5-000f-49fa-b7b3-e047de79109a</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="d53dc463-92bc-42f7-8c38-679326474889" name="ComboCount" type="Data">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<display x="150" y="1170"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>
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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="a386dbf5-000f-49fa-b7b3-e047de79109a" name="Verify Combo Data" type="Decision">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1215" w="90" h="30"/>

<decision expression="([count] > 0) and ([ComboCount] = [count]) and (Len([Selected Combo Item

<ontrue>d0af84c4-d64b-4a4c-b2aa-e6797c80ec3e</ontrue>

<onfalse>746bbef1-cfea-4a1a-a888-59e1ab05e765</onfalse>

</stage>

<stage stageid="13b9ee85-a172-4649-85f2-7a1d086a05fe" name="Combo Text" type="Data">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<display x="270" y="1125"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d0af84c4-d64b-4a4c-b2aa-e6797c80ec3e" name="Set Combo Item" type="Write">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1305"/>

<onsuccess>3e80a3a0-eda0-401b-a3bf-3202b4f242ab</onsuccess>

<step expr=""Weekly"">

<element id="a76e0635-a525-4f2a-ba34-a07da0314084"/>

</step>

</stage>

<stage stageid="3e80a3a0-eda0-401b-a3bf-3202b4f242ab" name="Get Combo Item" type="Read">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1350"/>

<onsuccess>ce438325-754d-461d-9043-b2da0b498c9a</onsuccess>

<step stage="Combo Text">

<element id="a76e0635-a525-4f2a-ba34-a07da0314084"/>

<action>

<id>GetSelectedItemText</id>

</action>

</step>

</stage>

<stage stageid="ce438325-754d-461d-9043-b2da0b498c9a" name="Verify Combo Text" type="Decision">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1395"/>

<decision expression="[Combo Text] = "Weekly"">

<ontrue>12d3f6f8-dc23-4d6a-bee1-dd7e7cbc2f25</ontrue>

<onfalse>cd390c43-4003-44f5-a357-8d99b57bd6c1</onfalse>

</stage>

<stage stageid="16ec7995-1a06-47cf-8e83-f5c03b5d872c" name="Read Dll Edit Field" type="Read">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1635"/>

<onsuccess>b1c21579-3896-47ef-847b-895d34af4285</onsuccess>

<step stage="Dll Text">

<element id="679f3bba-8203-4776-abea-d080e24eacec"/>

<action>

<id>GetWindowText</id>

</action>

</step>

</stage>

<stage stageid="3e074543-ab56-43b0-94fa-b9206a6e3c4c" name="Set Dll Field Text" type="Write">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1590"/>

<onsuccess>16ec7995-1a06-47cf-8e83-f5c03b5d872c</onsuccess>

<step expr=""hello"">

<element id="679f3bba-8203-4776-abea-d080e24eacec"/>

</step>

</stage>

<stage stageid="6fc91c0f-0842-4973-aa4b-5fc198f888aa" name="Dll Text" type="Data">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<display x="150" y="1635"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b1c21579-3896-47ef-847b-895d34af4285" name="Verify Dll Text" type="Decision">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="75" y="1680"/>

<decision expression="[Dll Text] = "hello""/>

<ontrue>331015bc-8c7d-4633-8e18-0c747adf9993</ontrue>

<onfalse>0e0b55e9-5a32-42da-b05f-faf61ab9eb0e</onfalse>

</stage>

<stage stageid="0e0b55e9-5a32-42da-b05f-faf61ab9eb0e" name="anchor10" type="Anchor">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<display x="375" y="1680" w="10" h="10"/>

<onsuccess>5c57913c-a1ab-4a77-b612-fa337bd8128d</onsuccess>

</stage>

<stage stageid="5c57913c-a1ab-4a77-b612-fa337bd8128d" name="Note1" type="Note">

<subsheetsid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetsid>

<loginhibit/>

<narrative>Fail</narrative>

<display x="375" y="1920"/>

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<font family="Tahoma" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="331015bc-8c7d-4633-8e18-0c747adf9993" name="Close Preferences Dialog" type="Navi

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="1785" w="120" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>f7d049dc-e54b-4a23-b066-1932b8df9ed3</onsuccess>

<step>

<element id="0c59ed97-6d00-4947-826a-4555d3bdc195"/>

<action>

<id>Press</id>

</action>

</step>

</stage>

<stage stageid="1dadd8b4-0129-420b-83e3-25a556b22d55" name="Select System Tab" type="Navigate">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="1050"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>ca32eb85-dfd4-49bb-844b-75dfc68d42de</onsuccess>

<step>

<element id="f2621ab3-b9b6-49fe-94e3-ee05228be312"/>

<action>

<id>SelectItem</id>

<arguments>

<argument>
```

<id>newtext</id>

<value>"System"</value>

</argument>

<argument>

<id>position</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="12d3f6f8-dc23-4d6a-bee1-dd7e7cbc2f25" name="Select Folders Tab" type="Navigate">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="1440"/>

<onsuccess>4ee06160-b914-4a86-81f2-529d8f1fa36d</onsuccess>

<step>

<element id="f2621ab3-b9b6-49fe-94e3-ee05228be312"/>

<action>

<id>ClickTab</id>

<arguments>

<argument>

<id>newtext</id>

<value>"Folders"</value>

</argument>

<argument>

<id>position</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="0e43529a-d3ad-4df8-bec3-d0b519232d80" name="Pause" type="SubSheetInfo">

<subsheetsid>1d806148-ef91-4a88-b43b-84ddec5cd136</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="4bd21313-fe7e-4f1c-afb2-1b960ba7891f" name="Start" type="Start">

<subsheetsid>1d806148-ef91-4a88-b43b-84ddec5cd136</subsheetsid>

<loginhibit/>

<display x="15" y="-105"/>

<inputs>

<input type="number" name="Value" stage="Value"/>

</inputs>

<onsuccess>67e8a143-0012-458d-908b-6dc5a30a21b6</onsuccess>

</stage>

<stage stageid="ab84433b-b94f-483b-b419-c5cc7d82afd6" name="End" type="End">

<subsheetsid>1d806148-ef91-4a88-b43b-84ddec5cd136</subsheetsid>

<loginhibit/>

<display x="15" y="90"/>

</stage>

<stage stageid="4008be6a-3475-4240-9734-d531d155a110" name="Value" type="Data">

<subsheetsid>1d806148-ef91-4a88-b43b-84ddec5cd136</subsheetsid>

<display x="90" y="-105"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="0b4db3c9-82ba-4355-a5ea-a54cbfa2776d" name="Time Out4" type="WaitEnd">

<subsheetsid>1d806148-ef91-4a88-b43b-84ddec5cd136</subsheetsid>

<loginhibit/>

<display x="15" y="45" w="30" h="30"/>

<onsuccess>ab84433b-b94f-483b-b419-c5cc7d82afd6</onsuccess>

<groupid>961fd9d3-9ecd-49c9-b091-8e5275938f76</groupid>

</stage>

<stage stageid="67e8a143-0012-458d-908b-6dc5a30a21b6" name="Wait1" type="WaitStart">

<subsheetsid>1d806148-ef91-4a88-b43b-84ddec5cd136</subsheetsid>

<loginhibit/>

<display x="15" y="-45" w="30" h="30"/>

<groupid>961fd9d3-9ecd-49c9-b091-8e5275938f76</groupid>

<choices/>

<timeout>[Value]</timeout>

</stage>

<stage stageid="4ee06160-b914-4a86-81f2-529d8f1fa36d" name="Pause" type="SubSheet">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="1500"/>

<inputs>

<input type="number" name="Value" expr="0.5"/>

</inputs>

<onsuccess>07ba43f9-43e6-48d4-b548-8029f50814b8</onsuccess>

<processid>1d806148-ef91-4a88-b43b-84ddec5cd136</processid>

</stage>

<stage stageid="07ba43f9-43e6-48d4-b548-8029f50814b8" name="Click Dll Field" type="Navigate">

<subsheetid>8b9bb42b-fe6f-4ff6-b427-668477dd3d5f</subsheetid>

<loginhibit/>

<display x="75" y="1545"/>

<onsuccess>3e074543-ab56-43b0-94fa-b9206a6e3c4c</onsuccess>

<step>

<element id="58f52efb-27d2-4ac1-8615-299d1e6c16bf"/>

<action>

<id>RegionMouseClickedCentre</id>

<arguments>

<argument>

<id>targx</id>

<value>

```
</value>

</argument>

<argument>

<id>targy</id>

<value>

</value>

</argument>

<argument>

<id>newtext</id>

<value>

</value>

</argument>

</arguments>

</action>

</step>

</stage>

<stage stageid="67b0fac8-50f7-4d91-9fbd-fe25c81e6bc5" name="No tips window" type="WaitEnd">

<subsheetid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetid>

<loginhibit/>

<display x="285" y="345" w="60" h="60"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>a2afc056-081e-4dcc-89a8-5d3f8ca13607</onsuccess>

<groupid>60f20d05-44cd-4eeb-bba1-92f9675784ce</groupid>

</stage>

<stage stageid="a11b7be5-62b4-42bd-9fd5-3672e3897434" name="Wait for tip Window" type="WaitStart">

<subsheetid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetid>

<loginhibit/>
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```
<display x="150" y="345" w="60" h="60"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<groupid>60f20d05-44cd-4eeb-bba1-92f9675784ce</groupid>

<choices>

<choice reply="True">

<name>Tip of the Day Window Check Exists</name>

<distance>45</distance>

<ontrue>b4e43c8c-99e9-4f59-96ed-9540e5550240</ontrue>

<element id="b14d0be5-4f73-4ad2-a47c-2dfb45e1bfe7"/>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

</choice>

</choices>

<timeout>20</timeout>

</stage>

<stage stageid="b4e43c8c-99e9-4f59-96ed-9540e5550240" name="Dismiss Tips Window" type="Navigate

<subsheetid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetid>

<loginhibit/>

<display x="195" y="435"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>1289bce5-ac97-4054-9874-c4728741cedd</onsuccess>

<step>

<element id="b7279c10-3b50-42da-92c3-383f16fbed8e"/>

<action>

<id>Press</id>
```

</action>

</step>

</stage>

<stage stageid="aa082795-7e8c-470d-b999-e463e2229b86" name="Time Out1" type="WaitEnd">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<display x="315" y="60" w="30" h="30"/>

<onsuccess>15a7e92b-17a0-49e5-9346-58e36894c9af</onsuccess>

<groupid>ff7341a0-74b3-491a-bece-6eba0e317a4c</groupid>

</stage>

<stage stageid="1bbe49f0-eca2-4733-97fe-da7f6d87916d" name="Wait for License nag screen" type="Wait">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<display x="30" y="60" w="60" h="60"/>

<groupid>ff7341a0-74b3-491a-bece-6eba0e317a4c</groupid>

<choices>

<choice reply="True">

<name>Element1 Check Exists</name>

<distance>60</distance>

<ontrue>e406d914-8bdb-4fab-b25d-7b1d89075b34</ontrue>

<element id="526d5eae-7ce5-48b2-9ba9-852b8789afb7"/>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>

```
</choice>

</choices>

<timeout>20</timeout>

</stage>

<stage stageid="63f535c5-b0d3-478b-b996-297c2aca5480" name="Time Out6" type="WaitEnd">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<display x="240" y="135" w="30" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<groupid>f79b9d4a-ac92-4ac4-8850-3d90cda72895</groupid>

</stage>

<stage stageid="e406d914-8bdb-4fab-b25d-7b1d89075b34" name="Wait for Close button to be enabled" type="WaitEnd">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<display x="90" y="135" w="60" h="60"/>

<font family="Tahoma" size="10" style="Regular" color="000000"/>

<groupid>f79b9d4a-ac92-4ac4-8850-3d90cda72895</groupid>

<choices>

<choice reply="True">

<name>Element2 Check Exists</name>

<distance>60</distance>

<ontrue>ef58f1e6-6fcf-4c10-b7fd-e9a25b177b6d</ontrue>

<element id="420e7742-eea6-45f3-9432-aec0ba8b51a8"/>

<condition>

<id>CheckExists</id>

</condition>

<comparetype>Equal</comparetype>
```

</choice>

</choices>

<timeout>240</timeout>

</stage>

<stage stageid="ef58f1e6-6fcf-4c10-b7fd-e9a25b177b6d" name="Click Close" type="Navigate">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<display x="150" y="210"/>

<onsuccess>62926a7b-6f1a-4503-ae8f-8bfc005a9203</onsuccess>

<step>

<element id="420e7742-aaa6-45f3-9432-aec0ba8b51a8"/>

<action>

<id>Press</id>

</action>

</step>

</stage>

<stage stageid="62926a7b-6f1a-4503-ae8f-8bfc005a9203" name="anchor11" type="Anchor">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<display x="150" y="255" w="10" h="10"/>

<onsuccess>a11b7be5-62b4-42bd-9fd5-3672e3897434</onsuccess>

</stage>

<stage stageid="15a7e92b-17a0-49e5-9346-58e36894c9af" name="Note2" type="Note">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

<narrative>Nag screen only appears once trial period is over. Assume newly installed.</narrative>

<display x="315" y="255" w="120" h="60"/>

<onsuccess>62926a7b-6f1a-4503-ae8f-8bfc005a9203</onsuccess>

</stage>

<stage stageid="a2afc056-081e-4dcc-89a8-5d3f8ca13607" name="anchor12" type="Anchor">

<subsheetsid>f6abd239-8df3-4cf4-b30e-259e8aa34aa0</subsheetsid>

<loginhibit/>

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<onsuccess>1289bce5-ac97-4054-9874-c4728741cedd</onsuccess>

</stage>

<stage stageid="49c2dc2f-a906-4d8f-9930-d74ff5e156e2" name="QA Root" type="Data">

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<loginhibit/>

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<datatype>text</datatype>

<initialvalue/>

<exposure>Environment</exposure>

<private/>

<alwaysinit/>

</stage>

</process>

<process name="Pool Object (Exclusive)" version="1.0" bpversion="6.6.0.12988" narrative="" byrefcollection="">

<appdef>

<element name="Application Root">

<id>913c6516-5c5e-4dc3-936a-ddf2764d9a7b</id>

<type>Application</type>

<basetype>Application</basetype>

<datatype>unknown</datatype>

<diagnose>False</diagnose>

</element>

</appdef>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="732d1b34-1b44-48b2-b6c7-b9a331fc1496" type="CleanUp" published="True">

<name>Clean Up</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="7337204e-c1b1-4edf-8b7e-9a616a675771" type="Normal" published="True">

<name>Wait</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

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</view>

</subsheet>

<stage stageid="607ac0d2-72b6-4979-a979-c61abafbf712" name="Start" type="Start">

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<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>7e70551d-d366-4368-87ee-994fefec0131</onsuccess>

</stage>

<stage stageid="7e70551d-d366-4368-87ee-994fefec0131" name="End" type="End">

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="04ccd2c8-410b-4757-86e0-ac3d967fb47d" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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<display>-105</display>

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<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>

<code></code>

</stage>

<stage stageid="40034632-5cc3-4dbe-8633-1ace39a375ad" name="Clean Up" type="SubSheetInfo">

<subsheetsid>732d1b34-1b44-48b2-b6c7-b9a331fc1496</subsheetsid>

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<display>-105</display>

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</stage>

<stage stageid="947932af-825a-4fda-a703-3be5063a91d0" name="Start" type="Start">

<subsheetid>732d1b34-1b44-48b2-b6c7-b9a331fc1496</subsheetid>

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</stage>

<stage stageid="04a0b8ac-8885-4f31-8ab3-a4c6f80b2937" name="End" type="End">

<subsheetid>732d1b34-1b44-48b2-b6c7-b9a331fc1496</subsheetid>

<loginhibit/>

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</stage>

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</narrative>

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<subsheetsid>7337204e-c1b1-4edf-8b7e-9a616a675771</subsheetsid>

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</narrative>

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<displayheight>30</displayheight>

<onsuccess>6c0b0f5b-4b1f-4cfa-bb51-7f952cbde894</onsuccess>

</stage>

<stage stageid="9cb2b976-41f0-4851-921d-b079b01f4be2" name="End" type="End">

<subsheetsid>7337204e-c1b1-4edf-8b7e-9a616a675771</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

</stage>

<stage stageid="7e301619-48fb-4937-9729-8e3d1df319b5" name="Note1" type="Note">

<subsheetid>732d1b34-1b44-48b2-b6c7-b9a331fc1496</subsheetid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="4033049f-e0ce-419f-8c2e-2ba5067b4290" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business o

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="8416768d-4b4d-4fa0-886e-5bb4456f24e4" name="Time Out1" type="WaitEnd">

<subsheetid>7337204e-c1b1-4edf-8b7e-9a616a675771</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displayheight>30</displayheight>

<onsuccess>9cb2b976-41f0-4851-921d-b079b01f4be2</onsuccess>

<groupid>623a00d1-712b-4330-b922-eb9095b850c5</groupid>

</stage>

<stage stageid="6c0b0f5b-4b1f-4cfa-bb51-7f952cbde894" name="Wait1" type="WaitStart">

<subsheetid>7337204e-c1b1-4edf-8b7e-9a616a675771</subsheetid>

<loginhibit/>

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</narrative>

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<groupid>623a00d1-712b-4330-b922-eb9095b850c5</groupid>

<choices/>

<timeout>2</timeout>

</stage>

</process>

<process name="QA - Templates - Segregated Permissions" version="1.0" bpversion="6.3.0.5030" narrative="">

  <appdef>

    <element name="Application Root">

      <id>649bfc48-867d-4350-873c-6b145d32b8f5</id>

      <type>Application</type>

      <basetype>Application</basetype>

      <datatype>unknown</datatype>

      <diagnose>False</diagnose>

    </element>

  </appdef>

  <view>

    <camerax>481</camerax>

    <cameray>0</cameray>

    <zoom version="2">1.25</zoom>

  </view>

  <preconditions/>

  <endpoint narrative=""/>

  <subsheet subsheetid="165d195b-1330-46f5-8db9-a8d126e6fc5b" type="CleanUp" published="True">

    <name>Clean Up</name>

    <view>
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<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="d783bf12-3764-4965-b598-7fa0f99c4c93" type="Normal" published="True">

<name>Create Role/User</name>

<view>

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<cameray>63</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="d861af6e-df69-443d-91d7-123afa105c75" type="Normal" published="True">

<name>Delete Role/User</name>

<view>

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<cameray>42</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="fcb78e98-9048-4fd2-ba06-c81adbdb5106" type="Normal" published="True">

<name>Get Permissions</name>

<view>

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<cameray>21</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="508d733b-2128-463b-a768-e21bc38ae7c6" type="Normal" published="True">

<name>Get Permissions - Object</name>

<view>

<camerax>0</camerax>

<cameray>21</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="17b43e9f-13d8-491b-b0c3-0b86740a7ba3" type="Normal" published="True">

<name>Set Permissions</name>

<view>

<camerax>237</camerax>

<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="63b99f22-6714-4145-89c3-c02de0953ce2" type="Normal" published="True">

<name>Set Permissions - Object</name>

<view>

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<cameray>2</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="92982543-9493-40ad-a7db-2a234f6a11f9" type="Normal" published="True">

<name>Create Test Groups</name>

<view>

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<cameray>300</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="07a87b71-39ed-47d7-9595-60d33b46d7db" type="Normal" published="True">

<name>Delete Test Groups</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="b6604d6c-ff0b-41c2-9536-de05a881a2e4" type="Normal" published="True">

<name>Set Permissions on Test Groups</name>

<view>

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<cameray>0</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="7b346dd9-25f7-460e-98c0-435a1c10ceb5" type="Normal" published="True">

<name>Move Test Objects</name>

<view>

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<cameray>-63</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<subsheet subsheetid="2e157936-d22c-4d7a-80ca-e016d8a7d7f2" type="Normal" published="True">

<name>Set Resource Group Permissions</name>

<view>

<camerax>0</camerax>

<cameray>21</cameray>

<zoom version="2">1.25</zoom>

</view>

</subsheet>

<stage stageid="828da1cc-5863-4815-b2b2-89ac41c80579" name="Start" type="Start">

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<narrative>

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<displaywidth>60</displaywidth>

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<onsuccess>3106495e-438a-483d-8801-533dcc7bee9f</onsuccess>

</stage>

<stage stageid="3106495e-438a-483d-8801-533dcc7bee9f" name="End" type="End">

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="ace7f6ce-0fec-40aa-b626-55229482da43" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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<references>

<reference>System.dll</reference>

<reference>System.Data.dll</reference>

<reference>System.Xml.dll</reference>

<reference>System.Drawing.dll</reference>

</references>

<imports>

<import>System</import>

<import>System.Drawing</import>

<import>System.Data</import>

</imports>

<language>visualbasic</language>

<globalcode></globalcode>
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<code></code>

</stage>

<stage stageid="1e5a94fe-eae4-4638-bbfc-493a20988022" name="Clean Up" type="SubSheetInfo">

<subsheetid>165d195b-1330-46f5-8db9-a8d126e6fc5b</subsheetid>

<narrative>

</narrative>

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</stage>

<stage stageid="e23a244d-8fb3-4237-8c96-e4f61f47aa29" name="Start" type="Start">

<subsheetid>165d195b-1330-46f5-8db9-a8d126e6fc5b</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<onsuccess>6154f37d-1666-4b77-90c6-4c0ed82adc57</onsuccess>

</stage>

<stage stageid="6154f37d-1666-4b77-90c6-4c0ed82adc57" name="End" type="End">

<subsheetid>165d195b-1330-46f5-8db9-a8d126e6fc5b</subsheetid>

<loginhibit/>
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<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

</stage>

<stage stageid="f3bbc329-02e1-4897-b467-5a761375d439" name="Create Role/User" type="SubSheetInf

<subsHEETid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsHEETid>

<narrative>Template creates a role and then user thats is assigned the specified role</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

</stage>

<stage stageid="0ecb0e63-47f2-470e-8abf-e499bafdb49e" name="Note1" type="Note">

<subsHEETid>165d195b-1330-46f5-8db9-a8d126e6fc5b</subsHEETid>

<narrative>Clean Up Page

This is an optional page where you might choose to perform some finalisation (or "cleanup") tasks as your

The cleanup action will be called automatically immediately after closing your business object at the end of

You will not be able to call this action from a business process, nor will it be called at any other time than b

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="f2e991c8-1401-410e-bc59-c354834c983f" name="Note2" type="Note">

<narrative>Initialise Page

This is an optional page where you might choose to perform some initialisation tasks after your business object

The initialise action will be called automatically immediately after loading your business object.

You will not be able to call this action from a business process, nor will it be called at any other time than a

<displayx>-180</displayx>

<displayy>60</displayy>

<displaywidth>180</displaywidth>

<displayheight>230</displayheight>

</stage>

<stage stageid="28a3e59d-f55b-48f7-9db8-f6f8cf5b759b" name="Start" type="Start">

<subsHEETid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsHEETid>

<preconditions>

<condition narrative="Must be logged into Blue Prism"/>

</preconditions>

<narrative>

</narrative>

<displayx>15</displayx>

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<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="collection" name="Role Permissions" narrative="Collection containing nodes and values for cl

<input type="text" name="Role Name" stage="Role Name"/>

<input type="text" name="User Name" stage="User Name"/>

<input type="password" name="Password" stage="Password"/>

</inputs>

<onsuccess>768748ab-0489-419f-a072-5802c7e02d47</onsuccess>

</stage>

<stage stageid="8c654ff3-8479-4b5b-b475-807e97567cd3" name="Role Permissions" type="Collection">

<subsheetsid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetsid>

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Parent Node" type="text" description="Name of the parent node you wish to set a permission

<field name="Check/Uncheck" type="flag"/>
```

```
<field name="Child Node" type="text" description="Name of the node you wish to set a permission on"/>

</collectioninfo>

</stage>

<stage stageid="78ed9b1a-6a31-45a2-9238-ddf47516750e" name="Select User Permissions" type="Action">

<subsheetid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>120</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Parent Node Name" narrative="Name of the Parent Node which child belongs to" />

<input type="text" name="Child Node Name" narrative="Name of the child node to Check or Uncheck." />

<input type="flag" name="Check?" narrative="True if Item needs to be Checked, False if Item needs to be Unchecked." />

</inputs>

<onsuccess>8edf9fb3-6377-4949-b26c-fe67c8582b5e</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Child Node"/>

</stage>

<stage stageid="bfabd449-3511-45d3-9b8b-846518482ca0" name="Go To User Roles" type="Action">

<subsheetid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>
```

```
<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Tree Name" narrative="Name of the tree to be extended." expr="&quot;Sec

<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;Us

</inputs>

<onsuccess>c815551e-960c-409e-891d-8dd3d868f751</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="c815551e-960c-409e-891d-8dd3d868f751" name="Create Role" type="Action">

<subsheetid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="New Role Name" narrative="Name of the new Role" expr="[Role Name]"/>

</inputs>

<onsuccess>c47d3940-452e-4d3b-bf57-ee5728bc68ce</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Create Role"/>

</stage>

<stage stageid="c47d3940-452e-4d3b-bf57-ee5728bc68ce" name="Loop Start1" type="LoopStart">

<subsheetid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetid>

<narrative>
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</narrative>

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<onsuccess>78ed9b1a-6a31-45a2-9238-ddf47516750e</onsuccess>

<groupid>dd8ecb24-8a88-43a3-bb7e-b234bdf9a3cf</groupid>

<looptype>ForEach</looptype>

<loopdata>Role Permissions</loopdata>

</stage>

<stage stageid="8edf9fb3-6377-4949-b26c-fe67c8582b5e" name="Loop End1" type="LoopEnd">

<subsheetid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetid>

<narrative>

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<onsuccess>9d78e354-e588-4bc1-8879-d483176f97c7</onsuccess>

<groupid>dd8ecb24-8a88-43a3-bb7e-b234bdf9a3cf</groupid>

</stage>

<stage stageid="7c69a712-246b-44a7-bc49-ecd9fc965ee6" name="End1" type="End">

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</narrative>
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<stage stageid="9d78e354-e588-4bc1-8879-d483176f97c7" name="Press Apply" type="Action">

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<onsuccess>92c284c1-3eb6-4e80-8f00-adfdfa3038c8</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="8f27c243-78bc-4070-ba07-c557b0adf193" name="Go To Users" type="Action">

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<inputs>

<input type="text" name="Tree Name" narrative="Name of the tree to be extended." expr="&quot;Sec

<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;Us

</inputs>

<onsuccess>ce3ca66f-cf7b-4a89-bb87-d8ca1004218e</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="ce3ca66f-cf7b-4a89-bb87-d8ca1004218e" name="Create New User" type="Action">

<subsheetid>d783bf12-3764-4965-b598-7fa0f99c4c93</subsheetid>

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</narrative>

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<inputs>

<input type="text" name="Username" narrative="The username of the user you wish to create." expr="[Use

<input type="password" name="Password" narrative="The password in which you want to assign to the us

<input type="date" name="User Expiry Date" narrative="The date in which the user account will expire." ex

<input type="date" name="Password Expiry Date" narrative="The date in which the password will expire. "

<input type="collection" name="Roles" narrative="The roles you wish to give to your user." expr="[Roles]"/>

<input type="text" name="Password Duration" narrative="The duration, in weeks you wish the password to

</inputs>

<onsuccess>7c69a712-246b-44a7-bc49-ecd9fc965ee6</onsuccess>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

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<stage stageid="5fd78709-b969-48e5-915e-73d9ce20b1bc" name="User Name" type="Data">
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<stage stageid="09c8f4a4-86c8-48f0-a030-f934c1512947" name="Roles" type="Collection">

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<alwaysinit/>

<collectioninfo>

<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value=""/>

</row>

</initialvalue>

</stage>

<stage stageid="92c284c1-3eb6-4e80-8f00-adfdfa3038c8" name="Store Role Name" type="Calculation">

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<calculation expression="[Role Name]" stage="Roles.Role"/>

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<stage stageid="9be7c239-a1ad-47b1-82ed-74b4972f2a7b" name="Role Name" type="Data">

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</narrative>

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;" />

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<onsuccess>bfb4d449-3511-45d3-9b8b-846518482ca0</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="80850c76-a16e-4272-bcad-b664e413bf83" name="Get Permissions" type="SubSheetInfo">

<subsheetid>fcb78e98-9048-4fd2-ba06-c81adbdb5106</subsheetid>

<narrative>Collection of actions to retrieve the permissions set for a specified Role [User Role] on a given y

<displayx>-195</displayx>

<display>-105</display>

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<subsheetid>fcb78e98-9048-4fd2-ba06-c81adbdb5106</subsheetid>

<preconditions>

<condition narrative="Must be logged into Blue Prism and attached to the instance."/>

</preconditions>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Target Group" stage="Target Group"/>

<input type="text" name="User Role" stage="User Role"/>

</inputs>

<onsuccess>db97affc-f4bc-4c3f-aa1f-febad06228ab</onsuccess>

</stage>

<stage stageid="31826b16-8c05-4557-ae9a-e708e6305f1b" name="End" type="End">

<subsheetid>fcb78e98-9048-4fd2-ba06-c81adbdb5106</subsheetid>

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</narrative>

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<outputs>

<output type="collection" name="Group Permissions" stage="Group Permissions"/>

</outputs>

</stage>

<stage stageid="6d1e5057-ee86-4e86-ab94-437138708489" name="Load Access Rights" type="Action">

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<narrative>

</narrative>
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<inputs>

<input type="text" name="Target Element" narrative="Element (Process/object/group) to display current Access Rights for" />
<input type="flag" name="Nested?" narrative="Set flag if element is contained within another element" expanded="false" />
<input type="text" name="Nesting Structure" narrative="Provide a collection of parent elements to expand from" />
</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" narrative="Flag set to true if screen successfully loaded" />
<output type="text" name="Exception" narrative="Exception text output" stage="" />
</outputs>

<onsuccess>499707af-cf18-489f-a9fa-368a1c1e8ee2</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="9b6f2005-270c-4a17-9ebe-76573fb0cc17" name="Get All Permissions" type="Action">
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<inputs>
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<input type="text" name="User Role" expr="[User Role]"/>

</inputs>

<outputs>

<output type="collection" name="Group Permissions" stage=""/>

</outputs>

<onsuccess>9745243f-39dd-43bd-8cf2-73312074c616</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Get Individual Permissions - Process" stageid="9745243f-39dd-43bd-8cf2-73312074c616" name="Get Individual Permissions" type="Action">

</stage>

<stage stageid="9745243f-39dd-43bd-8cf2-73312074c616" name="Close Menu (Cancel)" type="Action">

<subsheetid>fcb78e98-9048-4fd2-ba06-c81adbdb5106</subsheetid>

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<onsuccess>31826b16-8c05-4557-ae9a-e708e6305f1b</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Cancel Window" stageid="31826b16-8c05-4557-ae9a-e708e6305f1b" name="Cancel Window" type="Action">

</stage>

<stage stageid="499707af-cf18-489f-a9fa-368a1c1e8ee2" name="Select User" type="Action">

<subsheetid>fcb78e98-9048-4fd2-ba06-c81adbdb5106</subsheetid>

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<inputs>

<input type="text" name="User Role" expr="[User Role]"/>

</inputs>

<onsuccess>9b6f2005-270c-4a17-9ebe-76573fb0cc17</onsuccess>

<resource object="Blue Prism - Studio" action="Select User Role"/>

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<stage stageid="c5207d16-36da-476e-9d73-453886a0c858" name="Inputs" type="Block">

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<stage stageid="5ce102cb-f3ed-45cc-b5b8-42c9cc296df1" name="Target Group" type="Data">

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<alwaysinit/>

</stage>

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<stage stageid="ed2002ea-183d-4bf8-9273-401dd712dd33" name="Group Permissions" type="Collection">

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</narrative>

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<alwaysinit/>

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<stage stageid="8727d8d3-b1de-449c-8983-7fd6960b2c92" name="Outputs" type="Block">

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</stage>

<stage stageid="28517789-3945-4b71-a59a-67e71f2e8a34" name="Set Permissions" type="SubSheetInfo">

<subsHEETid>17b43e9f-13d8-491b-b0c3-0b86740a7ba3</subsHEETid>

<narrative>Changes the Given Group to Unrestricted

Passes in a collection containing Role and Permissions Checked/unchecked (True/False)

Accommodates setting permissions on multiple roles for a given folder by adding rows in the collection</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

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</stage>

<stage stageid="cb1a5fb8-4cbd-43b8-9e23-2a35067ada98" name="Start" type="Start">

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<loginhibit/>

<preconditions>

<condition narrative="Logged into Blue Prism"/>

<condition narrative="At Studio Tab"/>

<condition narrative="Required Folder exists"/>

</preconditions>

<narrative>

</narrative>

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<displayy>-150</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<inputs>

<input type="text" name="Target Group" stage="Target Group"/>

<input type="collection" name="Set Role Permissions" stage="Set Role Permissions"/>

</inputs>

<onsuccess>c64bf11b-c247-408d-aaf3-ac3f4d1564d1</onsuccess>

</stage>

<stage stageid="2d98c060-23cc-4131-ae66-e6e28cf1775d" name="End" type="End">

<subsheetid>17b43e9f-13d8-491b-b0c3-0b86740a7ba3</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="db97affc-f4bc-4c3f-aa1f-febad06228ab" name="Go To Studio Tab" type="Action">

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;">

</inputs>

<onsuccess>6d1e5057-ee86-4e86-ab94-437138708489</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="2a289fc7-39c5-4ab1-ae26-955d68509265" name="Set restricted" type="Action">

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</narrative>

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<outputs>

<output type="text" name="Exception" narrative="Exception from action call if Applicable" stage=""/>

<output type="flag" name="Success?" narrative="Flag determining if action was successful" stage=""/>

</outputs>

<onsuccess>df76deff-3132-4cda-a102-ee488198fc01</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="eb324d6b-c607-4a0f-a08a-0f5b1c223647" name="Load Access Rights" type="Action">

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<inputs>

<input type="text" name="Target Element" narrative="Element (Process/object/group) to display current Access Rights" stage=""/>

<input type="flag" name="Nested?" narrative="Set flag if element is contained within another element" expanded="false" stage=""/>

<input type="text" name="Nesting Structure" narrative="Provide a collection of parent elements to expand from" stage=""/>

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" narrative="Flag set to true if screen successfully loaded" stage=""/>

<output type="text" name="Exception" narrative="Exception text output" stage=""/>

</outputs>

<onsuccess>0cbd818e-4296-4580-bd02-81c739b0a5f4</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="857577b5-ad2d-4625-8cca-07905e3d08db" name="Inputs" type="Block">

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</stage>

<stage stageid="28b035ea-bbf5-4d00-86d2-8605d7399e72" name="Target Group" type="Data">

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<private/>

<alwaysinit/>

</stage>

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<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

<inputs>

<input type="collection" name="Set Role Permissions" narrative="Collection with users and permissions to

<input type="flag" name="Negative Test?" narrative="flag to change the flow so a user can attempt to set p

</inputs>

<outputs>

<output type="flag" name="Permissions Set?" narrative="Flag to indicate if permissions have been set " sta

<output type="text" name="Exception" narrative="text passed from exception" stage=""/>

</outputs>

<onsuccess>1b704610-36e6-4be5-ad47-81c5b047b2c2</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Proces

</stage>

<stage stageid="1b704610-36e6-4be5-ad47-81c5b047b2c2" name="Click Ok" type="Action">

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<narrative>

</narrative>

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<onsuccess>2d98c060-23cc-4131-ae66-e6e28cf1775d</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="e8a44a28-e8b6-47f9-b95c-67e4bb67f5f8" name="Set Role Permissions" type="Collection

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<narrative>

</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role Name" type="text"/>

<field name="Create Process" type="flag"/>

<field name="Delete Process" type="flag"/>

<field name="Edit Process" type="flag"/>

<field name="Export Process" type="flag"/>

<field name="Import Process" type="flag"/>

<field name="Execute Process" type="flag"/>

<field name="View Process" type="flag"/>

<field name="Edit Process Groups" type="flag"/>
```

```
<field name="Manage Process Access Rights" type="flag"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role Name" type="text" value=""/>

<field name="Create Process" type="flag" value="False"/>

<field name="Delete Process" type="flag" value="False"/>

<field name="Edit Process" type="flag" value="False"/>

<field name="Export Process" type="flag" value="False"/>

<field name="Import Process" type="flag" value="False"/>

<field name="Execute Process" type="flag" value="False"/>

<field name="View Process" type="flag" value="False"/>

<field name="Edit Process Groups" type="flag" value="False"/>

<field name="Manage Process Access Rights" type="flag" value="False"/>

</row>

</initialvalue>

</stage>

<stage stageid="0cbd818e-4296-4580-bd02-81c739b0a5f4" name="Select User Role" type="Action">

<subsheetsid>17b43e9f-13d8-491b-b0c3-0b86740a7ba3</subsheetsid>

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```



```
<inputs>

<input type="text" name="User Role" expr="[Set Role Permissions.Role Name]"/>

</inputs>

<onsuccess>2a289fc7-39c5-4ab1-ae26-955d68509265</onsuccess>

<resource object="Blue Prism - Studio" action="Select User Role"/>

</stage>

<stage stageid="c64bf11b-c247-408d-aaf3-ac3f4d1564d1" name="Go To Studio Tab" type="Action">

<subsheetid>17b43e9f-13d8-491b-b0c3-0b86740a7ba3</subsheetid>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;">

</inputs>

<onsuccess>eb324d6b-c607-4a0f-a08a-0f5b1c223647</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="5511fbb8-3e81-4a7a-a34c-a5a4ed612bde" name="Get Permissions" type="SubSheetInfo">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>Collection of actions to retrieve the permissions set for a specified Role [User Role] on a given y

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>
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```
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</stage>

<stage stageid="24ee8217-7328-4cd6-8df7-7674d8df8bc9" name="Start" type="Start">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<preconditions>

<condition narrative="Must be logged into Blue Prism and attached to the instance."/>

</preconditions>

<narrative>

</narrative>

<displayx>15</displayx>

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<inputs>

<input type="text" name="Target Group" stage="Target Group"/>

<input type="text" name="User Role" stage="User Role"/>

</inputs>

<onsuccess>287da7e1-c4e2-4ea3-9f55-a2517b0585b1</onsuccess>

</stage>

<stage stageid="a44b0e6f-149b-44a4-bb65-930433f7962c" name="End" type="End">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>

</narrative>

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<outputs>

<output type="collection" name="Group Permissions" stage="Group Permissions"/>

</outputs>

</stage>

<stage stageid="2982e5f7-da1a-4eef-9583-951ab1f8f2f3" name="Load Access Rights" type="Action">

<subsheetsid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetsid>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Target Element" narrative="Element (Process/object/group) to display current Access Rights">

<input type="flag" name="Nested?" narrative="Set flag if element is contained within another element" expanded="false">

<input type="text" name="Nesting Structure" narrative="Provide a collection of parent elements to expand from">

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" narrative="Flag set to true if screen successfully loaded">

<output type="text" name="Exception" narrative="Exception text output" stage=""/>

</outputs>

<onsuccess>67b93d4b-07c3-4633-96e6-acd1c2982e24</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>
```

```
</stage>

<stage stageid="d7ed77f0-e966-4bd4-aa16-b8058858ed64" name="Get All Permissions" type="Action">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>

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<inputs>

<input type="text" name="User Role" expr="[User Role]"/>

</inputs>

<outputs>

<output type="collection" name="Group Permissions" stage=""/>

</outputs>

<onsuccess>cd903992-d67a-4420-b1fa-353329fd822e</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Get Individual Permissions - Objec

</stage>

<stage stageid="cd903992-d67a-4420-b1fa-353329fd822e" name="Close Menu (Cancel)" type="Action">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

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<onsuccess>a44b0e6f-149b-44a4-bb65-930433f7962c</onsuccess>
<resource object="Blue Prism - Studio" action="Manage Access Rights Cancel Window"/>
</stage>

<stage stageid="67b93d4b-07c3-4633-96e6-acd1c2982e24" name="Select User" type="Action">
<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

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</narrative>

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<inputs>

<input type="text" name="User Role" expr="[User Role]"/>

</inputs>

<onsuccess>d7ed77f0-e966-4bd4-aa16-b8058858ed64</onsuccess>
<resource object="Blue Prism - Studio" action="Select User Role"/>
</stage>

<stage stageid="4848d7af-f034-4c25-86c8-c35b360de649" name="Inputs" type="Block">
<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>

</narrative>

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</stage>

<stage stageid="b7fb8b27-0c57-476f-979c-8617cd8376f7" name="Target Group" type="Data">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="5dbab07d-6653-4232-8e84-7673480dcc1f" name="User Role" type="Data">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="f1ad11a5-ccb9-4bfd-b313-b866453e54c7" name="Group Permissions" type="Collection">

<subsheetid>508d733b-2128-463b-a768-e21bc38ae7c6</subsheetid>

<narrative>

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</stage>

<stage stageid="878c911a-2f97-44b7-b775-8b1f74831f70" name="Outputs" type="Block">

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</stage>

<stage stageid="287da7e1-c4e2-4ea3-9f55-a2517b0585b1" name="Go To Studio Tab" type="Action">

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr=""Studio"">

</inputs>

<onsuccess>2982e5f7-da1a-4eef-9583-951ab1f8f2f3</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="ed0d9fa0-f5ca-4bf9-8096-936ef2e9e5c6" name="Set Permissions" type="SubSheetInfo">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>

<narrative>Changes the Given Group to Unrestricted

Passes in a collection containing Role and Permissions Checked/unchecked (True/False)

Accommodates setting permissions on multiple roles for a given folder by adding rows in the collection</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

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<displayheight>120</displayheight>

</stage>

<stage stageid="201e9739-af84-4378-8bf0-842965f1f6b9" name="Start" type="Start">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>


```
<loginhibit/>

<preconditions>

<condition narrative="Logged into Blue Prism"/>

<condition narrative="At Studio Tab"/>

<condition narrative="Required Folder exists"/>

</preconditions>

<narrative>

</narrative>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Target Group" stage="Target Group"/>

<input type="collection" name="Set Role Permissions" stage="Set Role Permissions"/>

</inputs>

<onsuccess>5b2bac13-decd-4318-b257-5b433c60bf58</onsuccess>

</stage>

<stage stageid="dc96cd53-08f0-41f0-8bf7-a661f213d445" name="End" type="End">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="5fc140d7-4a67-41b0-a1a9-b3238a54bcbd" name="Set restricted" type="Action">

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<outputs>

<output type="text" name="Exception" narrative="Exception from action call if Applicable" stage=""/>

<output type="flag" name="Success?" narrative="Flag determining if action was successful" stage=""/>

</outputs>

<onsuccess>63263d09-766f-4334-a2fe-b0a79863b1d5</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="12899eb9-b683-40c8-a87e-a10d7667c92f" name="Load Access Rights" type="Action">

<subsheetsid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetsid>

<narrative>

</narrative>

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<displayy>-60</displayy>

<displaywidth>60</displaywidth>

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```
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<inputs>

<input type="text" name="Target Element" narrative="Element (Process/object/group) to display current Access Rights for" />
<input type="flag" name="Nested?" narrative="Set flag if element is contained within another element" expanded="false" />
<input type="text" name="Nesting Structure" narrative="Provide a collection of parent elements to expand from" />

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" narrative="Flag set to true if screen successfully loaded" />
<output type="text" name="Exception" narrative="Exception text output" stage="" />

</outputs>

<onsuccess>d100054d-f85d-43b8-b1e6-50c86b5bcd96</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="485f034b-35de-4d61-b6e8-863f7aa0a950" name="Inputs" type="Block">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>

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</stage>

<stage stageid="6a28f503-f7b0-465f-8764-937ccb3309ce" name="Target Group" type="Data">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>

<narrative>

</narrative>
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<private/>

<alwaysinit/>

</stage>

<stage stageid="63263d09-766f-4334-a2fe-b0a79863b1d5" name="Set Permissions" type="Action">

<subsheetsid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displayheight>30</displayheight>

<inputs>

<input type="collection" name="Set Role Permissions" narrative="Collection with users and permissions to

<input type="flag" name="Negative Test?" narrative="flag to change the flow so a user can attempt to set p

</inputs>

<outputs>

<output type="flag" name="Permissions Set?" narrative="Flag to indicate if permissions have been set " sta

<output type="text" name="Exception" narrative="text passed from exception" stage=""/>

```
</outputs>

<onsuccess>d64ebcbd-3f7b-4a2d-8858-c038877f1748</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Object

</stage>

<stage stageid="d64ebcbd-3f7b-4a2d-8858-c038877f1748" name="Click Ok" type="Action">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>

<narrative>

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<onsuccess>dc96cd53-08f0-41f0-8bf7-a661f213d445</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="d100054d-f85d-43b8-b1e6-50c86b5bcd96" name="Select User Role" type="Action">

<subsheetid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetid>

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<narrative>

</narrative>

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<inputs>
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<input type="text" name="User Role" expr="[Set Role Permissions.Role Name]"/>

</inputs>

<onsuccess>5fc140d7-4a67-41b0-a1a9-b3238a54bcbd</onsuccess>

<resource object="Blue Prism - Studio" action="Select User Role"/>

</stage>

<stage stageid="5b2bac13-decd-4318-b257-5b433c60bf58" name="Go To Studio Tab" type="Action">

<subsheetsid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetsid>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr=""Studio"">

</inputs>

<onsuccess>12899eb9-b683-40c8-a87e-a10d7667c92f</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="ec070625-4475-4f25-bc52-c9eaaf2d3a47" name="Set Role Permissions" type="Collection">

<subsheetsid>63b99f22-6714-4145-89c3-c02de0953ce2</subsheetsid>

<narrative>

</narrative>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role Name" type="text"/>

<field name="Create Business Object" type="flag"/>

<field name="Delete Business Object" type="flag"/>

<field name="Edit Business Object" type="flag"/>

<field name="Export Business Object" type="flag"/>

<field name="Import Process Business Object" type="flag"/>

<field name="Execute Business Object" type="flag"/>

<field name="View Business Object" type="flag"/>

<field name="Edit Object Groups" type="flag"/>

<field name="Manage Business Object Access Rights" type="flag"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role Name" type="text" value=""/>

<field name="Create Business Object" type="flag" value="True"/>

<field name="Delete Business Object" type="flag" value=""/>

<field name="Edit Business Object" type="flag" value=""/>

<field name="Export Business Object" type="flag" value=""/>

<field name="Import Process Business Object" type="flag" value=""/>

<field name="Execute Business Object" type="flag" value=""/>

<field name="View Business Object" type="flag" value=""/>

```
<field name="Edit Object Groups" type="flag" value=""/>

<field name="Manage Business Object Access Rights" type="flag" value=""/>

</row>

</initialvalue>

</stage>

<stage stageid="a3b42a0b-9c9b-4284-9204-3394725ab7f8" name="Inputs" type="Block">

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<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="03faa3bb-5cdb-433d-910b-6bcb96965794" name="Create Test Groups" type="SubSheet">

<subsheetid>92982543-9493-40ad-a7db-2a234f6a11f9</subsheetid>

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</narrative>

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</stage>

<stage stageid="e1da2964-5ed7-45d3-9e44-58a289e7f6ea" name="Start" type="Start">
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<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

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<inputs>

<input type="text" name="Process Folder Name" stage="Process Folder Name"/>

<input type="text" name="VBO Folder Name" stage="VBO Folder Name"/>

<input type="text" name="Inner VBO Folder Name" stage="Inner VBO Folder Name"/>

</inputs>

<onsuccess>ef28c804-b243-4856-b2a5-2711a439602f</onsuccess>

</stage>

<stage stageid="5d4eb9f1-76e1-499d-8599-98216426826f" name="End" type="End">

<subsheetid>92982543-9493-40ad-a7db-2a234f6a11f9</subsheetid>

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</stage>

<stage stageid="ef8dbc97-785a-4bd1-8322-080eec1fdb6b" name="Create Proc Test Folder" type="Action"><subsheetid>92982543-9493-40ad-a7db-2a234f6a11f9</subsheetid><narrative></narrative><displayx>15</displayx><displayy>30</displayy><displaywidth>60</displaywidth><displayheight>30</displayheight><inputs><input type="text" name="Group Name" narrative="The name you wish to give the group." expr="[Process Group Name]" value="" /><input type="flag" name="Process Group?" narrative="True or False, do you want to create a process group?" value="false" /><input type="flag" name="Object Group?" narrative="True or False, do you want to create a object group?" value="false" /></inputs><onsuccess>77654592-3652-4f2c-bec5-4421a955930a</onsuccess><resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Create"/></stage>

<stage stageid="f605bafd-717a-44fd-9d93-421c4bc50c66" name="Create VBO1 Test Folder" type="Action"><subsheetid>92982543-9493-40ad-a7db-2a234f6a11f9</subsheetid><narrative></narrative><displayx>15</displayx><displayy>165</displayy><displaywidth>60</displaywidth><displayheight>30</displayheight><inputs>

```
<input type="text" name="Group Name" narrative="The name you wish to give the group." expr="[VBO Fol
<input type="flag" name="Process Group?" narrative="True or False, do you want to create a process group
<input type="flag" name="Object Group?" narrative="True or False, do you want to create a object group?"
</inputs>

<onsuccess>4d969627-17d7-4f98-b32d-99489eda8c94</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Create"/>

</stage>

<stage stageid="ad000955-912d-42ec-9661-386217267eb1" name="Create VBO2 Test Folder" type="Acti
<subsheetid>92982543-9493-40ad-a7db-2a234f6a11f9</subsheetid>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Group Name" narrative="The name you wish to give the group." expr="[Inner VB
<input type="flag" name="Process Group?" narrative="True or False, do you want to create a process group
<input type="flag" name="Object Group?" narrative="True or False, do you want to create a object group?"
</inputs>

<onsuccess>5d4eb9f1-76e1-499d-8599-98216426826f</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Create"/>

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<field name="Import Process" type="flag"/>

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<field name="View Process" type="flag"/>

<field name="Edit Process Groups" type="flag"/>

<field name="Manage Process Access Rights" type="flag"/>

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    <field name="Delete Business Object" type="flag"/>

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<onsuccess>67affb9e-3638-4695-9ea0-993b5629b8b6</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

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<inputs>

<input type="text" name="ObjectA" stage="ObjectA"/>

<input type="text" name="VBO Folder Name" stage="VBO Folder Name"/>

<input type="text" name="ObjectB" stage="ObjectB"/>

<input type="text" name="Inner VBO Folder Name" stage="Inner VBO Folder Name"/>

</inputs>

<onsuccess>b7d1a7d8-0cf1-4540-bc09-1119fd712058</onsuccess>

</stage>
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<stage stageid="241b6bc4-a6f7-4f00-ba36-916d4ad7584a" name="End" type="End">

<subsheetid>7b346dd9-25f7-460e-98c0-435a1c10ceb5</subsheetid>

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</stage>

<stage stageid="66ef8f4c-9917-4ff5-831a-7b6ac14e0664" name="Move Object" type="Action">

<subsheetid>7b346dd9-25f7-460e-98c0-435a1c10ceb5</subsheetid>

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<inputs>

<input type="text" name="Folder to Move" expr="[ObjectA]"/>

<input type="text" name="Targer Folder" expr="[VBO Folder Name]"/>

<input type="flag" name="Nested Group" expr=""/>

<input type="collection" name="Nesting Structure" expr=""/>

<input type="flag" name="Move From Default Process Group?" expr=""/>

<input type="flag" name="Move From Default Object Group" expr="True"/>


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</inputs>

<outputs>

<output type="text" name="Value from Warning" narrative="Read the warning dialog window text after a fo

</outputs>

<onsuccess>610cd287-2a75-4465-b920-c85080850ca8</onsuccess>

<resource object="Blue Prism - Studio" action="Move Process/Object Group"/>

</stage>

<stage stageid="610cd287-2a75-4465-b920-c85080850ca8" name="Accept" type="Action">

<subsheetid>7b346dd9-25f7-460e-98c0-435a1c10ceb5</subsheetid>

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<onsuccess>df640db6-9a31-4031-9358-2e4e7e9dbd53</onsuccess>

<resource object="Blue Prism - Studio" action="Move Process/Object Group Accept/Close"/>

</stage>

<stage stageid="b7d1a7d8-0cf1-4540-bc09-1119fd712058" name="Go To Studio Tab" type="Action">

<subsheetid>7b346dd9-25f7-460e-98c0-435a1c10ceb5</subsheetid>

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<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;" />

</inputs>

<onsuccess>66ef8f4c-9917-4ff5-831a-7b6ac14e0664</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="002a2476-20e5-4c2a-b1c5-b1192f1b3b62" name="ObjectA" type="Data">

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<alwaysinit/>

</stage>

<stage stageid="6add3512-26e9-428a-a412-33a9e59278f4" name="Move Object" type="Action">

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<input type="text" name="Folder to Move" expr="[ObjectB]"/>

<input type="text" name="Targer Folder" expr="[Inner VBO Folder Name]"/>

<input type="flag" name="Nested Group" expr=""/>

<input type="collection" name="Nesting Structure" expr=""/>

<input type="flag" name="Move From Default Process Group?" expr=""/>

<input type="flag" name="Move From Default Object Group" expr="True"/>

</inputs>

<outputs>

<output type="text" name="Value from Warning" narrative="Read the warning dialog window text after a fo

</outputs>

<onsuccess>c57dfaef-45a5-44a4-8612-5dc4b73e7ad0</onsuccess>

<resource object="Blue Prism - Studio" action="Move Process/Object Group"/>

</stage>

<stage stageid="c57dfaef-45a5-44a4-8612-5dc4b73e7ad0" name="Accept" type="Action">

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<onsuccess>241b6bc4-a6f7-4f00-ba36-916d4ad7584a</onsuccess>
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<resource object="Blue Prism - Studio" action="Move Process/Object Group Accept/Close"/>

</stage>

<stage stageid="16757452-0c10-4020-8531-d09046867d01" name="VBO Folder Name" type="Data">

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<stage stageid="299ea52a-13b7-4f0f-a93c-c360446ae0cb" name="ObjectB" type="Data">

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<stage stageid="f45cb980-e615-4b97-bff0-25d3e8fb3acb" name="Inner VBO Folder Name" type="Data">

<subsheetid>7b346dd9-25f7-460e-98c0-435a1c10ceb5</subsheetid>

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</stage>

<stage stageid="8f7fe520-a4c4-440b-8053-b375b9cb5d0b" name="Press Apply" type="Action">

<subsheetid>d861af6e-df69-443d-91d7-123afa105c75</subsheetid>

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<onsuccess>1a752f85-8ee9-4533-808d-514dccc4ed91</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="df640db6-9a31-4031-9358-2e4e7e9dbd53" name="Go To Home Tab" type="Action">

<subsheetid>7b346dd9-25f7-460e-98c0-435a1c10ceb5</subsheetid>

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Home&quot;" />

</inputs>

<onsuccess>ca6f39ea-9bac-4a40-94ff-c373ead74ab1</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="ca6f39ea-9bac-4a40-94ff-c373ead74ab1" name="Go To Studio Tab" type="Action">

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</inputs>

<onsuccess>6add3512-26e9-428a-a412-33a9e59278f4</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="44e31694-704c-465c-a9cf-7e6fb2b01192" name="Go To Studio Tab" type="Action">

<subsheetsid>07a87b71-39ed-47d7-9595-60d33b46d7db</subsheetsid>

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<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;

</inputs>

<onsuccess>2ca3fff4-bfaf-4248-bee4-a830c678f13b</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="747ecfbb-f0f8-4de2-8e18-497ea2f7fa1a" name="Set Resource Group Permissions" type=

<subsheetsid>2e157936-d22c-4d7a-80ca-e016d8a7d7f2</subsheetsid>

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<stage stageid="10040796-62ae-431e-988d-c7bfced65a07" name="Start" type="Start">

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<inputs>

<input type="collection" name="Resource Permissions" stage="Resource Permissions"/>

<input type="text" name="Target Group" stage="Target Group"/>

</inputs>

<onsuccess>41ead856-6fd4-4cd9-a5d0-fa8ce6deef4c</onsuccess>

</stage>

<stage stageid="78fa6181-9415-4853-afd7-377603cad97f" name="End" type="End">

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<stage stageid="72678ee5-7813-4ac9-a8c6-b3e7698a9db7" name="Load Resource Access Screen" type=

<subsheetid>2e157936-d22c-4d7a-80ca-e016d8a7d7f2</subsheetid>

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<inputs>

<input type="text" name="Target Folder" expr="[Target Group]"/>

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" narrative="Flag set to true if screen successfully

<output type="text" name="Exception" narrative="Exception text output" stage=""/>

</outputs>

<onsuccess>a3d61843-f052-48f0-b6f5-8586a9f8bf24</onsuccess>

<resource object="Blue Prism - System - Resources" action="Load Resource Access Screen"/>

</stage>

<stage stageid="a3d61843-f052-48f0-b6f5-8586a9f8bf24" name="Set Permissions" type="Action">

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<inputs>

<input type="collection" name="Resource Permissions" narrative="Collection of permissions to set for a res

</inputs>

<onsuccess>4a2f53d4-c02e-49ec-ba64-da43da786c04</onsuccess>

<resource object="Blue Prism - System - Resources" action="Set Resource Permissions"/>

</stage>

<stage stageid="73be2115-df12-46f2-9894-e0cd164b40d0" name="Resource Permissions" type="Collection

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<private/>

<alwaysinit/>

<collectioninfo>
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<field name="Permission" type="text"/>

<field name="Checked/Unchecked" type="flag"/>

<field name="User Role" type="text"/>

</collectioninfo>

</stage>

<stage stageid="bfe94f30-cd0e-417c-9772-baa1ba51e08a" name="Target Group" type="Data">

<subsheetid>2e157936-d22c-4d7a-80ca-e016d8a7d7f2</subsheetid>

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<alwaysinit/>

</stage>

<stage stageid="4a2f53d4-c02e-49ec-ba64-da43da786c04" name="Click Ok" type="Action">

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<onsuccess>78fa6181-9415-4853-afd7-377603cad97f</onsuccess>

<resource object="Blue Prism - System - Resources" action="Access Rights 'Ok button'"/>

</stage>

<stage stageid="ef28c804-b243-4856-b2a5-2711a439602f" name="Go To Home" type="Action">

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<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Home&quot;"

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<onsuccess>573ae12c-7888-44e2-a067-41e814c60d57</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="573ae12c-7888-44e2-a067-41e814c60d57" name="Go To Studio" type="Action">

<subsheetid>92982543-9493-40ad-a7db-2a234f6a11f9</subsheetid>

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<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="77654592-3652-4f2c-bec5-4421a955930a" name="Go To Home" type="Action">

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<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Home&quot;"

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<onsuccess>0d135473-2750-4b4b-b8bf-a972e93e31a8</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="0d135473-2750-4b4b-b8bf-a972e93e31a8" name="Go To Studio" type="Action">
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<onsuccess>f605bafd-717a-44fd-9d93-421c4bc50c66</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

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<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

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<stage stageid="da4577fe-895e-4b47-bf67-b11ea3d9aa74" name="Go To Studio" type="Action">

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<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;" />

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<onsuccess>ad000955-912d-42ec-9661-386217267eb1</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="41ead856-6fd4-4cd9-a5d0-fa8ce6deef4c" name="Go To System Tab" type="Action">

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<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;"

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<onsuccess>26856c6d-9112-4a81-97ee-cf1bb14c2d8d</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="878133c9-2fd0-42c9-b76d-d0e2358ffca3" name="Click Management" type="Action">

<subsheetsid>2e157936-d22c-4d7a-80ca-e016d8a7d7f2</subsheetsid>

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<inputs>

<input type="text" name="Tree Name" narrative="Name of the tree to be extended." expr="&quot;Res

<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;Ma

<input type="flag" name="Select Item Method?" narrative="True by Default. Selects the node from system

<input type="flag" name="Retry MouseClick?" narrative="Default to True. Retries Global Mouse Click up to

<input type="flag" name="Clean Up?" narrative="False by Default. Set True if clean up is required at the be

</inputs>

<onsuccess>72678ee5-7813-4ac9-a8c6-b3e7698a9db7</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>
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</stage>

<stage stageid="26856c6d-9112-4a81-97ee-cf1bb14c2d8d" name="Collapse All System Trees" type="Acti

<subsheetid>2e157936-d22c-4d7a-80ca-e016d8a7d7f2</subsheetid>

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<onsuccess>878133c9-2fd0-42c9-b76d-d0e2358ffca3</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Collapse All System Trees"/>

</stage>

</process>

</Root>
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