

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

<Root>

<process name="Test MTE Deleting Within Group Inheritance" version="1.0" bpversion="7.1.0.52329" name="Test MTE Deleting Within Group Inheritance">

<view>

<camerax>0</camerax>

<cameray>819.8</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="78e4eaff-7e63-4d58-ac90-636d6d74f92f" type="Normal" published="False">

<name>Setup</name>

<view>

<camerax>138</camerax>

<cameray>70</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="e2a3c67d-3b71-482f-8170-8ecf96e2bbbd" type="Normal" published="False">

<name>Deleting a process group from inside a restricted group (With Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>117</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="f75d1b07-d48e-4c97-9711-fc3c01284522" type="Normal" published="False">

<name>Deleting an object group from inside a restricted group (With Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>86</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="c5efc501-91ac-4699-804e-faeb82cb287f" type="Normal" published="False">

<name>Deleting a process group from inside a restricted group (Without Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>145</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="f7b61606-7727-47c7-9972-66e4eb1e9e62" type="Normal" published="False">

<name>Deleting an object group from inside a restricted group (Without Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>124</cameray>

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

</view>

</subsheet>

<stage stageid="4a47a280-05e1-482e-a4fa-111078ddf0ca" name="Start" type="Start">

<display x="15" y="-105"/>

<onsuccess>48974d1e-5efa-4d24-a36f-75caffdf8ba3</onsuccess>

</stage>

<stage stageid="575af1ae-05c5-4500-a67d-d578a4cbd24f" name="Stage1" type="ProcessInfo">  
<display x="-225" y="-75" w="150" h="90"/>  
</stage>

<stage stageid="1f23ea10-8ec9-477d-bd41-af86594b5d9b" name="Setup" type="SubSheetInfo">  
<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>  
<display x="-150" y="-330" w="150" h="90"/>  
</stage>

<stage stageid="32884bfb-5592-479d-96e9-49f275935953" name="Start" type="Start">  
<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>  
<display x="15" y="-360"/>  
<onsuccess>fd083dca-8c4c-4ed6-8034-419f526e60aa</onsuccess>  
</stage>

<stage stageid="90e1fa58-d058-4947-b782-fa0f2bc4c36e" name="End" type="End">  
<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>  
<display x="15" y="1305"/>  
</stage>

<stage stageid="a6018e47-dea8-4a42-a7cd-a2b9619bcd92" name="Deleting a process group from inside  
<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>  
<display x="-150" y="-75" w="150" h="90"/>  
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<stage stageid="b037543f-9ab3-4bbf-a119-148025a282f9" name="Start" type="Start">  
<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>  
<display x="15" y="-105"/>  
<onsuccess>19874d69-8472-43c3-84d6-ad9f908cbba9</onsuccess>  
</stage>

<stage stageid="f93aa77c-4a3e-4be6-a917-ab8512394aca" name="End" type="End">  
<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<math display="block" x="15" y="165"/>

</stage>

<stage stageid="2333acee-cb66-48fa-83e6-4528f3f81f2e" name="Setup" type="SubSheet">

<math display="block" x="15" y="30" w="270" h="30"/>

<onsuccess>f074264e-fb81-4587-a52e-d244355dad2f</onsuccess>

<processid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</processid>

</stage>

<stage stageid="3e8c112d-4b17-4427-b10b-b1bd8f689369" name="Failed?" type="Decision">

<math display="block" x="15" y="1005" w="120" h="30"/>

<decision expression="[Failed?]">

<ontrue>62246778-2fc9-4620-9489-41a9ad220445</ontrue>

<onfalse>44e41744-0c36-4f99-8a79-9add62b12b14</onfalse>

</stage>

<stage stageid="62246778-2fc9-4620-9489-41a9ad220445" name="RETHROW" type="Exception">

<math display="block" x="135" y="1005"/>

<exception type="RETHROW" detail="[Exception]">

</stage>

<stage stageid="5bffa88a-3115-4bcc-ace5-5f18c10027d3" name="Recover" type="Recover">

<math display="block" x="210" y="-45" w="90" h="30"/>

<onsuccess>f271e962-aef2-40a5-bec5-e0beab4371c2</onsuccess>

</stage>

<stage stageid="895548df-a787-43be-8c73-debba93b77d0" name="Resume" type="Resume">

<math display="block" x="210" y="45" w="90" h="30"/>

<onsuccess>23e7a58b-86a5-46d3-892b-b1777ce3e7d6</onsuccess>

</stage>

<stage stageid="f271e962-aef2-40a5-bec5-e0beab4371c2" name="Get Exception" type="MultipleCalculati

<math display="block" x="210" y="0" w="90" h="30"/>

<onsuccess>895548df-a787-43be-8c73-debba93b77d0</onsuccess>

<steps>

<calculation expression="True" stage="Failed?"/>

<calculation expression="ExceptionDetail()" stage="Exception"/>

</steps>

</stage>

<stage stageid="7a079b8c-acaf-4954-912b-b67a5ab4e73a" name="Cleanup Block" type="Block">

<display x="-135" y="-75" w="405" h="735"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="48974d1e-5efa-4d24-a36f-75caffdf8ba3" name="Note1" type="Note">

<narrative>GIVEN I have the required process and object folder structure in place with the relivent permissions

<display x="15" y="-30" w="270" h="60"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>2333acee-cb66-48fa-83e6-4528f3f81f2e</onsuccess>

</stage>

<stage stageid="33d4ad2c-a190-42dd-8218-6f05c710076b" name="Note1" type="Note">

<narrative>WHEN im using a user with 'Manage Access Rights'

AND I delete a sub-group from a restricted group

THEN the group is deleted

AND the process is moved upto the parent group</narrative>

<display x="15" y="405" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>59bac17e-fa83-4e0a-84b1-201c1f570211</onsuccess>

</stage>

<stage stageid="653083ae-8171-4131-b66c-8d06c98a2d88" name="Deleting an object group from inside a

<subsHEETid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsHEETid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="ee934485-7975-4928-ac25-f2909324de8b" name="Start" type="Start">

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<display x="15" y="-105"/>

<onsuccess>719fdf10-e4f0-46fe-8067-712b532c4500</onsuccess>

</stage>

<stage stageid="7c758729-f1ed-48ca-8d64-0114f348d288" name="Deleting a process group from inside a

<subsHEETid>c5efc501-91ac-4699-804e-faeb82cb287f</subsHEETid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="e4c95343-8424-46a8-b57c-333bee245719" name="Start" type="Start">

<subsHEETid>c5efc501-91ac-4699-804e-faeb82cb287f</subsHEETid>

<display x="15" y="-105"/>

<onsuccess>422f3a2d-7539-48cd-98a9-4f7dd87240ce</onsuccess>

</stage>

<stage stageid="1f5ef5bb-231b-4521-b200-978076e59110" name="Deleting an object group from inside a

<subsHEETid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsHEETid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="be5d2e63-db89-4625-a0e1-65280276b822" name="Start" type="Start">

<subsHEETid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsHEETid>

<display x="15" y="-105"/>

<onsuccess>53a9afc8-44ab-42f7-b05f-597d8db3ca90</onsuccess>

</stage>

<stage stageid="8e5a426d-a01f-468c-9f7e-f7131fec6b9" name="Note1" type="Note">

<narrative>WHEN im using a user with 'Manage Access Rights'

AND I delete a sub-group from a restricted group

THEN the group is deleted

AND the object is moved upto the parent group</narrative>

<display x="15" y="555" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>9c3617c5-47c0-43b3-9a46-128dd4688e46</onsuccess>

</stage>

<stage stageid="44e41744-0c36-4f99-8a79-9add62b12b14" name="End1" type="End">

<loginhibit onsuccess="true"/>

<display x="15" y="1050"/>

</stage>

<stage stageid="fd083dca-8c4c-4ed6-8034-419f526e60aa" name="Launch" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-315" w="150" h="30"/>

<outputs>

<output type="number" name="pid" friendlyname="pid" narrative="PID of the process" stage="pid"/>

</outputs>

<onsuccess>3b1405e1-cda9-424b-8554-8724b8cec45c</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="1b77659f-c1e3-4694-9642-58d3663a4f0d" name="pid" type="Data">

<display x="-225" y="15" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="fcc7fe7c-17f9-4cb7-83a9-e78fc5ab8d7c" name="Global Variables" type="Block">

<loginhibit onsuccess="true"/>

<display x="-300" y="-15" w="150" h="210"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="3b1405e1-cda9-424b-8554-8724b8cec45c" name="Attach (Studio)" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-270" w="150" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>bcb47e49-bfc1-4c34-807a-dbf3b79bf678</onsuccess>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="8d5daf48-5534-4ae8-a1a0-390155fb99b7" name="Sign In" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-180" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr=""/>

<input type="password" name="Password" friendlyname="Password" expr=""/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your first time, please create a new password."/>

<input type="checkbox" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

<input type="checkbox" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>



```
</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>180f480f-6d9a-437d-8f1e-cbff8f0c2572</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="a485da7e-f337-465b-b2f5-fa2db31d48dc" name="Browse to Studio" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="285" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr=""&

</inputs>

<onsheets>eaebdefb-02a4-474a-9a8f-d5ad425b92d2</onsheets>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="fc364f71-4f9e-4e50-87ab-8311931c5872" name="Set Process Group Restricted" type="A

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="390" w="150" h="30"/>

<onsheets>72e9917e-4062-4f76-b573-6b70c710bf2d</onsheets>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="bcb47e49-bfc1-4c34-807a-dbf3b79bf678" name="Attach (System)" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>
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<display x="15" y="-225" w="150" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>8d5daf48-5534-4ae8-a1a0-390155fb99b7</onsuccess>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="180f480f-6d9a-437d-8f1e-cbff8f0c2572" name="Browse to System" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-135" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&">

</inputs>

<onsheets>96179579-92a4-4140-a4da-4a1b6582d957</onsheets>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="96179579-92a4-4140-a4da-4a1b6582d957" name="Browse to System -&gt; User R

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-90" w="150" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be exten

<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be click

<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub ite

<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by D

<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to Tru

```
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if c
</inputs>

<onsuccess>5666330c-90b7-4ec6-9bca-599b01112e0f</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="258b7f3f-2162-4405-908b-08a8b292df20" name="Create Users and Assign Roles" type="
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-75" y="195" w="180" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="c6323011-0c2a-4f82-a4ef-5c941be8a3e3" name="Restrict Process Group 1" type="Block
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-75" y="315" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="e62da1c1-64ed-4fb6-b413-9bc39bbc5eca" name="Restrict Object Group 1" type="Block".
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-75" y="735" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="71edc15b-faa0-4a8c-9895-07620086dc9f" name="User Name" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="45" w="120" h="30"/>

<datatype>text</datatype>
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<initialvalue xml:space="preserve">User (BG-4209)</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="61d6f831-d77e-4764-a9a4-5770481d9fd5" name="Set Object Group Restricted" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="810" w="150" h="30"/>

<onsuccess>5f73d2e2-697a-4084-8c7d-100de6eeb474</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="1f558ef0-2897-4858-bdf0-3ec7a47fd0e1" name="Press OK" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="480" w="150" h="30"/>

<onsuccess>c3120dcb-af60-4c28-ad85-7c30cb525a31</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="b1798bdc-c175-4397-8fe4-155242356ba7" name="Press OK" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="900" w="150" h="30"/>

<onsuccess>9c1e0f62-f910-46bd-ab25-ed6294fc0b8c</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="72e9917e-4062-4f76-b573-6b70c710bf2d" name="Set Process Group Permissions" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

```
<display x="15" y="435" w="150" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendlyname="Set Role Permissions" narrative="Co

<input type="flag" name="Negative Test?" friendlyname="Negative Test?" narrative="flag to change the flo

</inputs>

<outputs>

<output type="flag" name="Permissions Set?" friendlyname="Permissions Set?" narrative="Flag to indicate

<output type="text" name="Exception" friendlyname="Exception" narrative="text passed from exception" st

</outputs>

<onsuccess>1f558ef0-2897-4858-bdf0-3ec7a47fd0e1</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Proces

</stage>

<stage stageid="62dbbcbf-5d0f-4bbd-a7e6-b5df115e76d2" name="Process Group Permissions" type="Co

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<display x="-150" y="-210" w="120" h="30"/>

<datatype>collection</datatype>

<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"/>

<field name="Execute Process as Web Service" type="flag"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role Name" type="text" value="X Custom Role"/>

<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="True"/>

<field name="Manage Process Access Rights" type="flag" value="False"/>

<field name="Execute Process as Web Service" type="flag" value="False"/>

</row>

</initialvalue>

</stage>

<stage stageid="5f73d2e2-697a-4084-8c7d-100de6eeb474" name="Set Object Group Permissions" type="Collection"

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucceed="true"/>

<display x="15" y="855" w="150" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendlyname="Set Role Permissions" narrative="Collection of roles to be added to the role group" />

<input type="flag" name="Negative Test?" friendlyname="Negative Test?" narrative="flag to change the flow" />
```

```
</inputs>

<outputs>

<output type="flag" name="Permissions Set?" friendlyname="Permissions Set?" narrative="Flag to indicate" stage="1" />
<output type="text" name="Exception" friendlyname="Exception" narrative="text passed from exception" stage="1" />
</outputs>

<onsuccess>b1798bdc-c175-4397-8fe4-155242356ba7</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Object" />
</stage>

<stage stageid="eaebdefb-02a4-474a-9a8f-d5ad425b92d2" name="Open Process Group Access Rights" type="Process" />
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="345" w="150" h="30"/>

<inputs>

<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/Job)" />
<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained within" />
<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collection of elements" />
</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" narrative="Flag to indicate" />
<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="1" />
</outputs>

<onsuccess>fc364f71-4f9e-4e50-87ab-8311931c5872</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window" />
</stage>

<stage stageid="04a91b48-3579-4c7f-8de7-5d15b9c4d614" name="Open Object Group Access Rights" type="Process" />
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>
```

```
<display x="15" y="765" w="150" h="30"/>

<inputs>

<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/ob

<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained with

<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collec

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" na

<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="

</outputs>

<onsuccess>61d6f831-d77e-4764-a9a4-5770481d9fd5</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="3c68d0f1-4894-4298-a239-633b238beef2" name="Create Roles" type="Block">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-75" y="-60" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="fa9fad5e-a905-4d30-8ec3-738f29314673" name="User Name (2)" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="75" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">User 2 (BG-4209)</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="89b89a43-c174-4ada-8edd-a9de9384852d" name="Role Name" type="Data">
```



<loginhibit onsucces="true"/>

<display x="-225" y="105" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">X Custom Role</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="fe3cbef4-0b8a-4cc3-a3b8-435f29c705f0" name="Role Name (2)" type="Data">

<loginhibit onsucces="true"/>

<display x="-225" y="135" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">X Custom Role 2</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="cf32df23-c82e-419a-a2b2-f010f6c53dbc" name="Create User" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="225" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The username of the user you

<input type="password" name="Password" friendlyname="Password" narrative="The password in which yo

<input type="date" name="User Expiry Date" friendlyname="User Expiry Date" narrative="The date in whic

<input type="date" name="Password Expiry Date" friendlyname="Password Expiry Date" narrative="The d

<input type="collection" name="Roles" friendlyname="Roles" narrative="The roles you wish to give to your

<input type="text" name="Password Duration" friendlyname="Password Duration" narrative="The duration,

<input type="flag" name="Close Wizard" friendlyname="Close Wizard" expr=""/>

</inputs>

<onsuccess>a485da7e-f337-465b-b2f5-fa2db31d48dc</onsuccess>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

</stage>

<stage stageid="35bcf82c-92a4-4f33-90d7-19f9c2c497e9" name="Password" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="165" w="120" h="30"/>

<datatype>password</datatype>

<initialvalueenc>49,20,7,67,26,91,6,1</initialvalueenc>

<alwaysinit/>

</stage>

<stage stageid="5666330c-90b7-4ec6-9bca-599b01112e0f" name="Click Create New" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-30" w="150" h="30"/>

<inputs>

<input type="text" name="New Role Name" friendlyname="New Role Name" narrative="Name of the new Role Name"/>

</inputs>

<onsuccess>54f47c32-99f6-4d63-a95f-36612f429d2b</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Create Role"/>

</stage>

<stage stageid="571066d8-7b05-4866-b5e4-720873019a26" name="Press Apply Button" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="105" w="150" h="30"/>

<onsuccess>29fb1250-185d-4282-937c-422864415482</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="54f47c32-99f6-4d63-a95f-36612f429d2b" name="Add Process Studio Permissions" type="Action">

```
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="15" w="150" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the

<input type="flag" name="Check?" friendlyname="Check?" narrative="True if item needs to be checked. Fa

</inputs>

<onsuccess>0d62bd6f-ff88-4186-a312-34057daa4f8d</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Pare

</stage>

<stage stageid="0d62bd6f-ff88-4186-a312-34057daa4f8d" name="Add Object Studio Permissions" type="/"

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="60" w="150" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the

<input type="flag" name="Check?" friendlyname="Check?" narrative="True if item needs to be checked. Fa

</inputs>

<onsuccess>571066d8-7b05-4866-b5e4-720873019a26</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Pare

</stage>

<stage stageid="29fb1250-185d-4282-937c-422864415482" name="Browse to System -&gt; Users" ty

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="165" w="150" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be exten
```

```
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />
</inputs>

<onsuccess>cf32df23-c82e-419a-a2b2-f010f6c53dbc</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="4ae20261-4e6f-4e17-a08a-ecae3f47e05b" name="Role" type="Collection">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<display x="-150" y="-240" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value="X Custom Role"/>

</row>

</initialvalue>

</stage>

<stage stageid="5bf642bf-04cd-4350-ad1f-bfaf24edd908" name="Input Variables" type="Block">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>
```

<display x="-225" y="-270" w="150" h="180"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="92dbee5e-bcf3-436c-b88d-8f46c6e9c70a" name="Failed?" type="Data">

<display x="-225" y="240" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="57ffe3b2-dc49-4d9a-9675-a76020d478c4" name="Exception" type="Data">

<display x="-225" y="270" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d1d53b54-acb7-4b92-9ce0-2fc540210cb8" name="Local Variables" type="Block">

<loginhibit onsuccess="true"/>

<display x="-300" y="210" w="150" h="90"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="9cfe621d-c1a4-40bb-b580-998796282bb7" name="Object Group Permissions" type="Collection">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<display x="-150" y="-150" w="120" h="30"/>

<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="X Custom Role"/>

<field name="Create Business Object" type="flag" value="False"/>

<field name="Delete Business Object" type="flag" value="False"/>

<field name="Edit Business Object" type="flag" value="False"/>

<field name="Export Business Object" type="flag" value="False"/>

<field name="Import Process Business Object" type="flag" value="False"/>

<field name="Execute Business Object" type="flag" value="False"/>

<field name="View Business Object" type="flag" value="False"/>

<field name="Edit Object Groups" type="flag" value="True"/>

<field name="Manage Business Object Access Rights" type="flag" value="False"/>

</row>

</initialvalue>
```

</stage>

<stage stageid="78c20298-35cd-4661-83cb-d508efbb6054" name="Sign Out" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="1170" w="150" h="30"/>

<onsuccess>78191fce-3e49-40ea-a541-f61a2d39999b</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="da34c402-cb82-4f5c-abb0-e329fbee7954" name="Terminate" type="Action">

<loginhibit onsucces="true"/>

<display x="15" y="960" w="120" h="30"/>

<onsuccess>3e8c112d-4b17-4427-b10b-b1bd8f689369</onsuccess>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

<stage stageid="d932e9c9-35f6-489e-a0f5-c7ebad380a79" name="Deleting a process group from inside a

<loginhibit onsucces="true"/>

<display x="15" y="180" w="270" h="30"/>

<onsuccess>1b35b180-49db-498b-8580-beb57080d7fd</onsuccess>

<processid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</processid>

</stage>

<stage stageid="64c801a6-2cd4-4864-8e46-54506e31e5d2" name="Deleting an object group from inside a

<loginhibit onsucces="true"/>

<display x="15" y="330" w="270" h="30"/>

<onsuccess>33d4ad2c-a190-42dd-8218-6f05c710076b</onsuccess>

<processid>f75d1b07-d48e-4c97-9711-fc3c01284522</processid>

</stage>

<stage stageid="59bac17e-fa83-4e0a-84b1-201c1f570211" name="Deleting a process group from inside a

<loginhibit onsuccess="true"/>

<display x="15" y="480" w="270" h="30"/>

<onsuccess>8e5a426d-a01f-468c-9f7e-f7131fec6b9</onsuccess>

<processid>c5efc501-91ac-4699-804e-faeb82cb287f</processid>

</stage>

<stage stageid="9c3617c5-47c0-43b3-9a46-128dd4688e46" name="Deleting an object group from inside a

<loginhibit onsuccess="true"/>

<display x="15" y="630" w="270" h="30"/>

<onsuccess>8a945fdc-18df-4029-9add-5541029b828d</onsuccess>

<processid>f7b61606-7727-47c7-9972-66e4eb1e9e62</processid>

</stage>

<stage stageid="f074264e-fb81-4587-a52e-d244355dad2f" name="Note1" type="Note">

<narrative>WHEN im using a user without 'Manage Access Rights'

AND I delete a sub-group from a restricted group

THEN the group is deleted

AND the process is moved upto the parent group</narrative>

<display x="15" y="105" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>d932e9c9-35f6-489e-a0f5-c7ebad380a79</onsuccess>

</stage>

<stage stageid="1b35b180-49db-498b-8580-beb57080d7fd" name="Note1" type="Note">

<narrative>WHEN im using a user without 'Manage Access Rights'

AND I delete a sub-group from a restricted group

THEN the group is deleted

AND the object is moved upto the parent group</narrative>



```
<display x="15" y="255" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>64c801a6-2cd4-4864-8e46-54506e31e5d2</onsuccess>

</stage>

<stage stageid="af3d5efd-19d4-46a2-be2d-8b8d5487b2b5" name="Process Group 2 Permissions" type="C">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<display x="-150" y="-180" w="120" h="30"/>

<datatype>collection</datatype>

<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"/>

<field name="Execute Process as Web Service" type="flag"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role Name" type="text" value="X Custom Role"/>

<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="True"/>
<field name="Manage Process Access Rights" type="flag" value="True"/>
<field name="Execute Process as Web Service" type="flag" value="False"/>
</row>
</initialvalue>
</stage>
<stage stageid="dc4429fd-d6dd-49e3-8892-426db4cd61cd" name="Object Group 2 Permissions" type="C
<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>
<display x="-150" y="-120" w="120" h="30"/>
<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="X Custom Role"/>

<field name="Create Business Object" type="flag" value="False"/>

<field name="Delete Business Object" type="flag" value="False"/>

<field name="Edit Business Object" type="flag" value="False"/>

<field name="Export Business Object" type="flag" value="False"/>

<field name="Import Process Business Object" type="flag" value="False"/>

<field name="Execute Business Object" type="flag" value="False"/>

<field name="View Business Object" type="flag" value="False"/>

<field name="Edit Object Groups" type="flag" value="True"/>

<field name="Manage Business Object Access Rights" type="flag" value="True"/>

</row>

</initialvalue>

</stage>

<stage stageid="f98bc3de-0648-45c1-bfa5-30d438c3d207" name="Set Process Group Restricted" type="A

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="600" w="150" h="30"/>

<onsuccess>7576af31-7f40-4c69-a926-1cf9a4cf8401</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="d06c1048-e75a-4d93-881a-e2bacf3dc053" name="Restrict Process Group 2" type="Block

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>
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<loginhibit onsucces="true"/>

<display x="-75" y="525" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="c9849817-5989-4b3c-8346-20f5d091f78a" name="Restrict Object Group 2" type="Block">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="-75" y="945" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="55ae2eef-aad0-4081-953e-13edb8c07445" name="Set Object Group Restricted" type="A

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="1020" w="150" h="30"/>

<onsucces>4791ad95-a83d-419b-a0f3-051bda163319</onsucces>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="aa0019f5-f915-4d14-88e4-130edabe682b" name="Press OK" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="690" w="150" h="30"/>

<onsucces>04a91b48-3579-4c7f-8de7-5d15b9c4d614</onsucces>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accep/Close Window"/>

</stage>

<stage stageid="3bf90ad1-a5d3-4d40-adad-5747b2abb7a6" name="Press OK" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

```
<display x="15" y="1110" w="150" h="30"/>

<onsuccess>78c20298-35cd-4661-83cb-d508efbb6054</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="7576af31-7f40-4c69-a926-1cf9a4cf8401" name="Set Process Group Permissions" type=">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="645" w="150" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendl="Set Role Permissions" narrativ="Co

<input type="flag" name="Negative Test?" friendl="Negative Test?" narrativ="flag to change the flo

</inputs>

<outputs>

<output type="flag" name="Permissions Set?" friendl="Permissions Set?" narrativ="Flag to indicate

<output type="text" name="Exception" friendl="Exception" narrativ="text passed from exception" st

</outputs>

<onsucces>aa0019f5-f915-4d14-88e4-130edabe682b</onsucces>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Proces

</stage>

<stage stageid="4791ad95-a83d-419b-a0f3-051bda163319" name="Set Object Group Permissions" type=">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="1065" w="150" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendl="Set Role Permissions" narrativ="Co

<input type="flag" name="Negative Test?" friendl="Negative Test?" narrativ="flag to change the flo

</inputs>
```

```
<outputs>

<output type="flag" name="Permissions Set?" friendlyname="Permissions Set?" narrative="Flag to indicate

<output type="text" name="Exception" friendlyname="Exception" narrative="text passed from exception" st

</outputs>

<onsuccess>3bf90ad1-a5d3-4d40-adad-5747b2abb7a6</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Object

</stage>

<stage stageid="c3120dcb-af60-4c28-ad85-7c30cb525a31" name="Open Process Group Access Rights" t

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="555" w="150" h="30"/>

<inputs>

<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/ob

<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained with

<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collecti

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" na

<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="

</outputs>

<onsuccess>f98bc3de-0648-45c1-bfa5-30d438c3d207</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="9c1e0f62-f910-46bd-ab25-ed6294fc0b8c" name="Open Object Group Access Rights" typ

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="975" w="150" h="30"/>
```

```
<inputs>

<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/object) to be tested" />

<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained within another element" />

<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collection of elements to be tested" />

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" narrative="Access Rights Screen loaded" />

<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="Exception" />

</outputs>

<onsuccess>55ae2eef-aad0-4081-953e-13edb8c07445</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="af15cb5a-d8ec-4074-9d7b-575b5cf2eecd" name="Browse to Studio" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="1260" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&#106;" />

</inputs>

<onsucces">90e1fa58-d058-4947-b782-fa0f2bc4c36e</onsucces">

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="78191fce-3e49-40ea-a541-f61a2d39999b" name="Sign In (User)" type="Action">

<subsheetsid">78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid">

<loginhibit onsucces="true"/>

<display x="15" y="1215" w="150" h="30"/>

<inputs>
```

```
<input type="text" name="Username" friendlyname="Username" expr="[User Name]"/>
<input type="password" name="Password" friendlyname="Password" expr="[Password]"/>
<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir
<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>
<input type="flag" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>af15cb5a-d8ec-4074-9d7b-575b5cf2eecd</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="19874d69-8472-43c3-84d6-ad9f908cbba9" name="Delete Group" type="Action">

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="text" name="Group Name" friendlyname="Group Name" narrative="The name of the group yo
<input type="number" name="Match Index" friendlyname="Match Index" narrative="If the group exists more
</inputs>

<onsuccess>8419744b-431d-412f-b6ec-b0b4682fdbab</onsuccess>

<resource object="Blue Prism - Studio" action="Delete Group"/>

</stage>

<stage stageid="8419744b-431d-412f-b6ec-b0b4682fdbab" name="Check Process still in Sub Sub Group"
<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-15" w="150" h="30"/>
```



<inputs>

<input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing exp

<input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/C

<input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 fo

</inputs>

<outputs>

<output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?"/>

</outputs>

<onsuccess>06ad5df0-769f-4ec5-8c60-81e04da38dde</onsuccess>

<resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>

</stage>

<stage stageid="06ad5df0-769f-4ec5-8c60-81e04da38dde" name="Process In Correct Place?" type="Deci

<subsHEETid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsHEETid>

<display x="15" y="30" w="150" h="30"/>

<decision expression="[Element in Tree?]" />

<ontrue>74662702-2fab-4b1e-94f0-c4507bd38d85</ontrue>

<onfalse>bed78d53-2932-453d-9ffb-6ea6340f93df</onfalse>

</stage>

<stage stageid="30d53f14-e8db-49eb-9624-99cecd6a994e" name="Element in Tree?" type="Data">

<subsHEETid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsHEETid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4697b15c-2d23-4508-ba60-e755e36f16fc" name="Local Variable" type="Block">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-225" y="-15" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="bed78d53-2932-453d-9ffb-6ea6340f93df" name="FAIL" type="Exception">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<display x="120" y="30" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The process was meant to be mov

</stage>

<stage stageid="c33d289f-75f8-4a67-82ae-182009bfd020" name="Element in Tree?" type="Data">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d9797989-739b-4b02-9287-de8ad7e21446" name="Local Variable" type="Block">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-225" y="-15" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="bc8678c0-16c0-4c98-98cd-666727ba99d0" name="Element in Tree?" type="Data">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5103c838-452e-42ff-855c-aa676821b147" name="Local Variable" type="Block">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsucces="true"/>

<display x="-225" y="-15" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="b88b38cc-9525-448e-bad9-3ff0fd5bc411" name="Element in Tree?" type="Data">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="8bbc62e4-14f8-454c-8d6e-d0ad7808b919" name="Local Variable" type="Block">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<loginhibit onsucces="true"/>

<display x="-225" y="-15" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="74662702-2fab-4b1e-94f0-c4507bd38d85" name="Check Process has been moved" type="Data">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

```
<loginhibit onsuccess="true"/>

<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing exp

<input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/O

<input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 fo

</inputs>

<outputs>

<output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?"/>

</outputs>

<onsuccess>275c69d8-3e76-4c67-88c3-d864469f3c7e</onsuccess>

<resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>

</stage>

<stage stageid="275c69d8-3e76-4c67-88c3-d864469f3c7e" name="Sub Sub Group in correct place?" type=

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<display x="15" y="120" w="150" h="30"/>

<decision expression="[Element in Tree?]" />

<ontrue>f93aa77c-4a3e-4be6-a917-ab8512394aca</ontrue>

<onfalse>dfd6df7c-18c7-400a-b98c-8ee6fd8fa87f</onfalse>

</stage>

<stage stageid="dfd6df7c-18c7-400a-b98c-8ee6fd8fa87f" name="FAIL" type="Exception">

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<display x="120" y="120" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The sub sub group was meant to b

</stage>

<stage stageid="d9563a5a-2d09-4e74-a8b5-dd09a62905d7" name="End" type="End">

<subsheetsid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetsid>
```

<display x="15" y="165"/>

</stage>

<stage stageid="719fdf10-e4f0-46fe-8067-712b532c4500" name="Delete Group" type="Action">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="text" name="Group Name" friendlyname="Group Name" narrative="The name of the group you want to delete">

<input type="number" name="Match Index" friendlyname="Match Index" narrative="If the group exists more than once, select the index of the group to delete">

</inputs>

<onsuccess>e1748516-4c5e-4db6-84a7-6e39694326d6</onsuccess>

<resource object="Blue Prism - Studio" action="Delete Group"/>

</stage>

<stage stageid="e1748516-4c5e-4db6-84a7-6e39694326d6" name="Check Object still in Sub Sub Group" type="Action">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-15" w="150" h="30"/>

<inputs>

<input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing the object to check">

<input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/Container containing the object to check">

<input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 for first group, 2 for second group, etc.)">

</inputs>

<outputs>

<output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?">

</outputs>

<onsuccess>6227766e-51d2-4e24-8007-cc56a3ea327c</onsuccess>

<resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>

```
</stage>

<stage stageid="6227766e-51d2-4e24-8007-cc56a3ea327c" name="ObjectIn Correct Place?" type="Decision">
  <subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

  <display x="15" y="30" w="150" h="30"/>

  <decision expression="[Element in Tree?]" />

  <ontrue>cb64061d-049f-499d-baeb-07fcc86dc30f</ontrue>

  <onfalse>84b87224-d38b-4de5-9d02-4d1e0f60c89a</onfalse>

</stage>

<stage stageid="84b87224-d38b-4de5-9d02-4d1e0f60c89a" name="FAIL" type="Exception">
  <subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

  <display x="120" y="30" w="30" h="30"/>

  <exception localized="yes" type="SystemException" detail="&quot;The Object was meant to be moved&quot;" />

</stage>

<stage stageid="cb64061d-049f-499d-baeb-07fcc86dc30f" name="Check Object has been moved" type="Action">
  <subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

  <loginhibit onsuccesstext="true" />

  <display x="15" y="75" w="150" h="30"/>

  <inputs>

    <input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing expected object" />

    <input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/Component" />

    <input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 for first group)" />

  </inputs>

  <outputs>

    <output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?" />

  </outputs>

  <onsuccess>760e629d-67df-449f-8193-1b87b2964ce2</onsuccess>

  <resource object="Blue Prism - Studio" action="Confirm Process/Object Location" />

</stage>
```

```
</stage>

<stage stageid="760e629d-67df-449f-8193-1b87b2964ce2" name="Sub Sub Group in correct place?" type="Decision">
  <subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>
  <display x="15" y="120" w="150" h="30"/>
  <decision expression="[Element in Tree?]" />
  <ontrue>d9563a5a-2d09-4e74-a8b5-dd09a62905d7</ontrue>
  <onfalse>f45cdae6-e979-4fd7-aa97-7380c001d8a6</onfalse>
</stage>

<stage stageid="f45cdae6-e979-4fd7-aa97-7380c001d8a6" name="FAIL" type="Exception">
  <subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>
  <display x="120" y="120" w="30" h="30"/>
  <exception localized="yes" type="SystemException" detail="&quot;The sub sub group was meant to be a sub group of the main group&quot;" />
</stage>

<stage stageid="0bb3974f-c0d3-4165-a2f8-e2f031cc14fb" name="End" type="End">
  <subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>
  <display x="15" y="165"/>
</stage>

<stage stageid="422f3a2d-7539-48cd-98a9-4f7dd87240ce" name="Delete Group" type="Action">
  <subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>
  <loginhibit onsuccess="true"/>
  <display x="15" y="-60" w="150" h="30"/>
  <inputs>
    <input type="text" name="Group Name" friendlyname="Group Name" narrative="The name of the group you want to delete" />
    <input type="number" name="Match Index" friendlyname="Match Index" narrative="If the group exists more than once, specify the match index" />
  </inputs>
  <onsuccess>3b98913f-0c34-4a50-8f58-c9bf30f117f2</onsuccess>
  <resource object="Blue Prism - Studio" action="Delete Group"/>
</stage>
```

```
</stage>

<stage stageid="3b98913f-0c34-4a50-8f58-c9bf30f117f2" name="Check Process still in Sub Sub Group" type="Decision">
  <subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

  <loginhibit onsucceed="true"/>

  <display x="15" y="-15" w="150" h="30"/>

  <inputs>

    <input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing exp">
      <input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/Component">
        <input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 for default process, 2 for default component)">
      </inputs>

    <outputs>

      <output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?" type="Flag">
    </outputs>

    <onsucceed>3d347dce-74e2-43ed-9303-1c6824f2e93c</onsucceed>

    <resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>
  </stage>

  <stage stageid="3d347dce-74e2-43ed-9303-1c6824f2e93c" name="Process In Correct Place?" type="Decision">
    <subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

    <display x="15" y="30" w="150" h="30"/>

    <decision expression="[Element in Tree?]">

      <ontrue>8a2882aa-356e-46f9-b4c6-23a3fe5c0053</ontrue>

      <onfalse>d4e777d7-60d8-4d92-bbff-b855dc0192d8</onfalse>

    </stage>

    <stage stageid="d4e777d7-60d8-4d92-bbff-b855dc0192d8" name="FAIL" type="Exception">
      <subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

      <display x="120" y="30" w="30" h="30"/>

      <exception localized="yes" type="SystemException" detail="&quot;The process was meant to be moved to the next stage.">
```



```
</stage>

<stage stageid="8a2882aa-356e-46f9-b4c6-23a3fe5c0053" name="Check Process has been moved" type=

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing exp

<input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/C

<input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 fo

</inputs>

<outputs>

<output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?"/

</outputs>

<onsuccess>5e9d5e26-9947-43dd-a60a-1697411e7d76</onsuccess>

<resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>

</stage>

<stage stageid="5e9d5e26-9947-43dd-a60a-1697411e7d76" name="Sub Sub Group in correct place?" typ

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<display x="15" y="120" w="150" h="30"/>

<decision expression="[Element in Tree?]" />

<ontrue>0bb3974f-c0d3-4165-a2f8-e2f031cc14fb</ontrue>

<onfalse>d9c88804-dd6a-4b01-bea8-6b6bcd39fe95</onfalse>

</stage>

<stage stageid="d9c88804-dd6a-4b01-bea8-6b6bcd39fe95" name="FAIL" type="Exception">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<display x="120" y="120" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The sub sub group was meant to b
```

```
</stage>

<stage stageid="8a2620bb-1a56-4665-ad35-59db0aa347ab" name="End" type="End">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="15" y="165"/>

</stage>

<stage stageid="53a9afc8-44ab-42f7-b05f-597d8db3ca90" name="Delete Group" type="Action">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="text" name="Group Name" friendlyname="Group Name" narrative="The name of the group you want to delete."/>

<input type="number" name="Match Index" friendlyname="Match Index" narrative="If the group exists more than once, which one do you want to delete?"/>

</inputs>

<onsuccess>98f9b6c8-9d77-4e46-8828-40361eff62f8</onsuccess>

<resource object="Blue Prism - Studio" action="Delete Group"/>

</stage>

<stage stageid="98f9b6c8-9d77-4e46-8828-40361eff62f8" name="Check Object still in Sub Sub Group" type="Check">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-15" w="150" h="30"/>

<inputs>

<input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing expected object."/>

<input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/Component name."/>

<input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 for first group, 2 for second group, etc.)"/>

</inputs>

<outputs>

<output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?"/>
```

```
</outputs>

<onsuccess>9662ebe3-6b96-44e2-ace7-b6a350ac42a5</onsuccess>

<resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>

</stage>

<stage stageid="9662ebe3-6b96-44e2-ace7-b6a350ac42a5" name="Object In Correct Place?" type="Decision">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="15" y="30" w="150" h="30"/>

<decision expression="[Element in Tree?]" />

<ontrue>6475e036-28ff-49c3-a7c5-989497be5b98</ontrue>

<onfalse>a3620ed8-9c71-46e9-a8ac-2e83add8c944</onfalse>

</stage>

<stage stageid="a3620ed8-9c71-46e9-a8ac-2e83add8c944" name="FAIL" type="Exception">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="120" y="30" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The object was meant to be moved&quot;" />

</stage>

<stage stageid="6475e036-28ff-49c3-a7c5-989497be5b98" name="Check Object has been moved" type="Decision">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="text" name="Group to check" friendlyname="Group to check" narrative="Group containing expected element" />

<input type="text" name="Element to check" friendlyname="Element to check" narrative="Group/Process/Component" />

<input type="number" name="Index Value" friendlyname="Index Value" narrative="(for default groups, 1 for first group)" />

</inputs>

<outputs>

<output type="flag" name="Element in Tree?" friendlyname="Element in Tree?" stage="Element in Tree?" />
```

</outputs>

<onsuccess>0dbc78e1-5218-4aab-850a-149a95f1e09c</onsuccess>

<resource object="Blue Prism - Studio" action="Confirm Process/Object Location"/>

</stage>

<stage stageid="0dbc78e1-5218-4aab-850a-149a95f1e09c" name="Sub Sub Group in correct place?" type="Decision">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="15" y="120" w="150" h="30"/>

<decision expression="[Element in Tree?]" />

<ontrue>8a2620bb-1a56-4665-ad35-59db0aa347ab</ontrue>

<onfalse>03b94984-90c6-4ee5-a461-33fe1fb1d718</onfalse>

</stage>

<stage stageid="03b94984-90c6-4ee5-a461-33fe1fb1d718" name="FAIL" type="Exception">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="120" y="120" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The sub sub group was meant to be extended." />

</stage>

<stage stageid="23e7a58b-86a5-46d3-892b-b1777ce3e7d6" name="Anchor1" type="Anchor">

<display x="210" y="690" w="10" h="10"/>

<onsuccess>8a945fdc-18df-4029-9add-5541029b828d</onsuccess>

</stage>

<stage stageid="f2abc7f3-f4e0-4c30-82f7-c233993552c1" name="Go To User Roles" type="Action">

<display x="15" y="825" w="120" h="30"/>

<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;Use" />

<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />

<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />

```
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />
</inputs>
<onsuccess>34722822-508e-43af-afd8-996fbe9c18ae</onsuccess>
<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>
</stage>
<stage stageid="22ecc9f0-5c4f-4db0-89ad-48bb110912ec" name="Go To System Tab" type="Action">
<display x="15" y="780" w="120" h="30"/>
<inputs>
<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;" />
</inputs>
<onsuccess>f2abc7f3-f4e0-4c30-82f7-c233993552c1</onsuccess>
<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>
</stage>
<stage stageid="34722822-508e-43af-afd8-996fbe9c18ae" name="Delete Role" type="Action">
<display x="15" y="870" w="120" h="30"/>
<inputs>
<input type="text" name="Role Name" narrative="Name of the Role to be deleted." expr="[Role Name]" />
</inputs>
<onsuccess>8d949af2-68d9-4f8e-bca9-809fb33a7a2b</onsuccess>
<resource object="Blue Prism - System - Security" action="User Roles - Delete Role"/>
</stage>
<stage stageid="8a945fdc-18df-4029-9add-5541029b828d" name="Sign Out" type="Action">
<loginhibit onsuccess="true"/>
<display x="15" y="690" w="120" h="30"/>
<onsuccess>ab6de35b-d353-4cc7-99c3-a8fe0f5a240f</onsuccess>
<resource object="Blue Prism" action="Sign Out"/>
```

</stage>

<stage stageid="ab6de35b-d353-4cc7-99c3-a8fe0f5a240f" name="Sign In" type="Action">

<loginhibit onsucces="true"/>

<display x="15" y="735" w="120" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr=""/>

<input type="password" name="Password" friendlyname="Password" expr=""/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

<input type="flag" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>22ecc9f0-5c4f-4db0-89ad-48bb110912ec</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="8d949af2-68d9-4f8e-bca9-809fb33a7a2b" name="Press Apply" type="Action">

<loginhibit onsucces="true"/>

<display x="15" y="915" w="120" h="30"/>

<onsuccess>da34c402-cb82-4f5c-abb0-e329fbee7954</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

</process>

<process name="Test MTE Moving Within Group Inheritance" version="1.0" bpversion="7.1.0.52329" narra

<view>

<camerax>0</camerax>

<cameray>803</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="78e4eaff-7e63-4d58-ac90-636d6d74f92f" type="Normal" published="False">

<name>Setup</name>

<view>

<camerax>50</camerax>

<cameray>-234</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="e2a3c67d-3b71-482f-8170-8ecf96e2bbbd" type="Normal" published="False">

<name>Moving a process inside the same hierachy group (With Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>105</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="f75d1b07-d48e-4c97-9711-fc3c01284522" type="Normal" published="False">

<name>Moving a object inside the same hierachy group (With Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>86</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="c5efc501-91ac-4699-804e-faeb82cb287f" type="Normal" published="False">

<name>Moving a process inside the same hierachy group (Without Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>147</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="f7b61606-7727-47c7-9972-66e4eb1e9e62" type="Normal" published="False">

<name>Moving a object inside the same hierachy group (Without Manage Access Rights)</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<stage stageid="4a47a280-05e1-482e-a4fa-111078ddf0ca" name="Start" type="Start">

<display x="15" y="-105"/>

<onsuccess>48974d1e-5efa-4d24-a36f-75caffdf8ba3</onsuccess>

</stage>

<stage stageid="575af1ae-05c5-4500-a67d-d578a4cbd24f" name="Stage1" type="ProcessInfo">

<display x="-225" y="-75" w="150" h="90"/>

</stage>

<stage stageid="1f23ea10-8ec9-477d-bd41-af86594b5d9b" name="Setup" type="SubSheetInfo">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>



<math display="block" x="-150" y="-510" w="150" h="90"/>

</stage>

<stage stageid="32884bfb-5592-479d-96e9-49f275935953" name="Start" type="Start">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<math display="block" x="15" y="-540"/>

<onsuccess>fd083dca-8c4c-4ed6-8034-419f526e60aa</onsuccess>

</stage>

<stage stageid="90e1fa58-d058-4947-b782-fa0f2bc4c36e" name="End" type="End">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<math display="block" x="15" y="795"/>

</stage>

<stage stageid="a6018e47-dea8-4a42-a7cd-a2b9619bcd92" name="Moving a process inside the same hierarchy" type="Start">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<math display="block" x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="b037543f-9ab3-4bbf-a119-148025a282f9" name="Start" type="Start">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<math display="block" x="15" y="-105"/>

<onsuccess>78191fce-3e49-40ea-a541-f61a2d39999b</onsuccess>

</stage>

<stage stageid="f93aa77c-4a3e-4be6-a917-ab8512394aca" name="End" type="End">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<math display="block" x="15" y="210"/>

</stage>

<stage stageid="2333acee-cb66-48fa-83e6-4528f3f81f2e" name="Setup" type="SubSheet">

<math display="block" x="15" y="30" w="270" h="30"/>

<onsuccess>33d4ad2c-a190-42dd-8218-6f05c710076b</onsuccess>

```
<processid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</processid>

</stage>

<stage stageid="3e8c112d-4b17-4427-b10b-b1bd8f689369" name="Failed?" type="Decision">

<display x="15" y="1005" w="150" h="30"/>

<decision expression="[Failed?]" />

<ontrue>62246778-2fc9-4620-9489-41a9ad220445</ontrue>

<onfalse>44e41744-0c36-4f99-8a79-9add62b12b14</onfalse>

</stage>

<stage stageid="62246778-2fc9-4620-9489-41a9ad220445" name="RETHROW" type="Exception">

<display x="135" y="1005"/>

<exception type="RETHROW" detail="[Exception]" />

</stage>

<stage stageid="d313f67f-fccb-4008-be69-19961e6baec9" name="Anchor1" type="Anchor">

<display x="210" y="690" w="10" h="10"/>

<onsuccess>24327ca2-710d-4090-b559-dfc3be4f63b9</onsuccess>

</stage>

<stage stageid="5bffa88a-3115-4bcc-ace5-5f18c10027d3" name="Recover" type="Recover">

<display x="210" y="-45" w="90" h="30"/>

<onsuccess>f271e962-aef2-40a5-bec5-e0beab4371c2</onsuccess>

</stage>

<stage stageid="895548df-a787-43be-8c73-debba93b77d0" name="Resume" type="Resume">

<display x="210" y="45" w="90" h="30"/>

<onsuccess>d313f67f-fccb-4008-be69-19961e6baec9</onsuccess>

</stage>

<stage stageid="f271e962-aef2-40a5-bec5-e0beab4371c2" name="Get Exception" type="MultipleCalculati

<display x="210" y="0" w="90" h="30"/>

<onsuccess>895548df-a787-43be-8c73-debba93b77d0</onsuccess>
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<steps>

<calculation expression="True" stage="Failed?"/>

<calculation expression="ExceptionDetail()" stage="Exception"/>

</steps>

</stage>

<stage stageid="7a079b8c-acaf-4954-912b-b67a5ab4e73a" name="Cleanup Block" type="Block">

<display x="-135" y="-75" w="405" h="735"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="48974d1e-5efa-4d24-a36f-75caffdf8ba3" name="Note1" type="Note">

<narrative>GIVEN I have the required process and object folder structure in place with the relivent permissions

<display x="15" y="-30" w="270" h="60"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>2333acee-cb66-48fa-83e6-4528f3f81f2e</onsuccess>

</stage>

<stage stageid="33d4ad2c-a190-42dd-8218-6f05c710076b" name="Note1" type="Note">

<narrative>WHEN im using a user with 'Manage Access Rights'

AND I move a process from one group to another, inside of the same permission hierarchy

THEN the process is moved and no errors are thrown.</narrative>

<display x="15" y="105" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>c87ac775-2344-46c0-87c9-87ecc7994d27</onsuccess>

</stage>

<stage stageid="653083ae-8171-4131-b66c-8d06c98a2d88" name="Moving a object inside the same hierarchy

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="ee934485-7975-4928-ac25-f2909324de8b" name="Start" type="Start">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<display x="15" y="-105"/>

<onsuccess>6b6061df-6de5-4677-8de0-ea03144f8e59</onsuccess>

</stage>

<stage stageid="9fae59dc-5ba4-4e95-bde4-608fae8022a9" name="End" type="End">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<display x="15" y="165"/>

</stage>

<stage stageid="c87ac775-2344-46c0-87c9-87ecc7994d27" name="Moving a process inside the same hier

<loginhibit onsuccess="true"/>

<display x="15" y="180" w="270" h="30"/>

<onsuccess>8e5a426d-a01f-468c-9f7e-f7131fec6b9</onsuccess>

<processid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</processid>

</stage>

<stage stageid="901b6b75-5c0f-4ffe-ba25-b4e5126efb8c" name="Moving a object inside the same hierach

<loginhibit onsuccess="true"/>

<display x="15" y="330" w="270" h="30"/>

<onsuccess>1d755f87-5f26-420e-afdc-6e460c32115c</onsuccess>

<processid>f75d1b07-d48e-4c97-9711-fc3c01284522</processid>

</stage>

<stage stageid="7c758729-f1ed-48ca-8d64-0114f348d288" name="Moving a process inside the same hier

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="e4c95343-8424-46a8-b57c-333bee245719" name="Start" type="Start">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<display x="15" y="-105"/>

<onsuccess>8825e645-4f14-42ea-931c-01128a1bfae6</onsuccess>

</stage>

<stage stageid="7dfcd8ac-5362-4ed2-a411-d77378774c78" name="End" type="End">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<display x="15" y="210"/>

</stage>

<stage stageid="1f5ef5bb-231b-4521-b200-978076e59110" name="Moving a object inside the same hiera

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="be5d2e63-db89-4625-a0e1-65280276b822" name="Start" type="Start">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="15" y="-105"/>

<onsuccess>9b94f036-a5ca-40e1-951a-71115da0e206</onsuccess>

</stage>

<stage stageid="0cc994b2-8694-47c1-947d-369e66dcad65" name="End" type="End">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="15" y="165"/>

</stage>

<stage stageid="8e5a426d-a01f-468c-9f7e-f7131fec6b9" name="Note1" type="Note">

<narrative>WHEN im using a user with 'Manage Access Rights'

AND I move an object from one group to another, inside of the same permission hierarchy

THEN the object is moved and no errors are thrown.</narrative>

<display x="15" y="255" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>901b6b75-5c0f-4ffe-ba25-b4e5126efb8c</onsuccess>

</stage>

<stage stageid="1d755f87-5f26-420e-afdc-6e460c32115c" name="Note1" type="Note">

<narrative>WHEN im using a user without 'Manage Access Rights'

AND I move a process from one group to another, inside of the same permission hierarchy

THEN the process is moved and no errors are thrown.</narrative>

<display x="15" y="405" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>b4ab7b36-5dbd-43a9-98de-b3cb66237d0e</onsuccess>

</stage>

<stage stageid="de64f311-d406-416b-8012-5ee23d7d4db5" name="Note1" type="Note">

<narrative>WHEN im using a user without 'Manage Access Rights'

AND I move an object from one group to another, inside of the same permission hierarchy

THEN the object is moved and no errors are thrown.</narrative>

<display x="15" y="555" w="270" h="90"/>

<font family="Segoe UI" size="11" style="Bold" color="3DB87A"/>

<onsuccess>cd3ea4f9-4d7b-4344-9640-f006e19a0db6</onsuccess>

</stage>

<stage stageid="44e41744-0c36-4f99-8a79-9add62b12b14" name="End1" type="End">

<loginhibit onsuccess="true"/>

<display x="15" y="1065"/>

</stage>

<stage stageid="b4ab7b36-5dbd-43a9-98de-b3cb66237d0e" name="Moving a process inside the same hi

<loginhibit onsuccess="true"/>

<display x="15" y="480" w="270" h="30"/>

<onsuccess>de64f311-d406-416b-8012-5ee23d7d4db5</onsuccess>

<processid>c5efc501-91ac-4699-804e-faeb82cb287f</processid>

</stage>

<stage stageid="cd3ea4f9-4d7b-4344-9640-f006e19a0db6" name="Moving a object inside the same hiera

<loginhibit onsuccess="true"/>

<display x="15" y="630" w="270" h="30"/>

<onsuccess>24327ca2-710d-4090-b559-dfc3be4f63b9</onsuccess>

<processid>f7b61606-7727-47c7-9972-66e4eb1e9e62</processid>

</stage>

<stage stageid="fd083dca-8c4c-4ed6-8034-419f526e60aa" name="Launch" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-495" w="150" h="30"/>

<outputs>

<output type="number" name="pid" friendlyname="pid" narrative="PID of the process" stage="pid"/>

</outputs>

<onsuccess>3b1405e1-cda9-424b-8554-8724b8cec45c</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="1b77659f-c1e3-4694-9642-58d3663a4f0d" name="pid" type="Data">

<display x="-225" y="15" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="fcc7fe7c-17f9-4cb7-83a9-e78fc5ab8d7c" name="Global Variables" type="Block">

<loginhibit onsuccess="true"/>

<display x="-300" y="-15" w="150" h="210"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="3b1405e1-cda9-424b-8554-8724b8cec45c" name="Attach (Studio)" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-450" w="150" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>bcb47e49-bfc1-4c34-807a-dbf3b79bf678</onsuccess>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="8d5daf48-5534-4ae8-a1a0-390155fb99b7" name="Sign In" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-360" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr=""/>

<input type="password" name="Password" friendlyname="Password" expr=""/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your first time using Blue Prism, you must create a new password."/>

<input type="checkbox" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

<input type="checkbox" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>



</outputs>

<onsuccess>180f480f-6d9a-437d-8f1e-cbff8f0c2572</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="a485da7e-f337-465b-b2f5-fa2db31d48dc" name="Browse to Studio" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="285" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsheets>eaebdefb-02a4-474a-9a8f-d5ad425b92d2</onsheets>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="fc364f71-4f9e-4e50-87ab-8311931c5872" name="Set Process Group Restricted" type="A

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="390" w="150" h="30"/>

<onsheets>72e9917e-4062-4f76-b573-6b70c710bf2d</onsheets>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="bcb47e49-bfc1-4c34-807a-dbf3b79bf678" name="Attach (System)" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-405" w="150" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>8d5daf48-5534-4ae8-a1a0-390155fb99b7</onsuccess>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="180f480f-6d9a-437d-8f1e-cbff8f0c2572" name="Browse to System" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-315" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsuccess>96179579-92a4-4140-a4da-4a1b6582d957</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="96179579-92a4-4140-a4da-4a1b6582d957" name="Browse to System -&gt; User R

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-270" w="150" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be exten

<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be click

<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub ite

<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by D

<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to Tru

<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if c

</inputs>

<onsuccess>5666330c-90b7-4ec6-9bca-599b01112e0f</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="e0c77670-92b3-4d36-bfcc-9eb0f74b2541" name="Create User (2)" type="Action">

<subsHEETid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="225" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The username of the user you

<input type="password" name="Password" friendlyname="Password" narrative="The password in which yo

<input type="date" name="User Expiry Date" friendlyname="User Expiry Date" narrative="The date in whic

<input type="date" name="Password Expiry Date" friendlyname="Password Expiry Date" narrative="The d

<input type="collection" name="Roles" friendlyname="Roles" narrative="The roles you wish to give to your

<input type="text" name="Password Duration" friendlyname="Password Duration" narrative="The duration,

<input type="flag" name="Close Wizard" friendlyname="Close Wizard" expr=""/>

</inputs>

<onsUCCESS>a485da7e-f337-465b-b2f5-fa2db31d48dc</onsUCCESS>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

</stage>

<stage stageid="258b7f3f-2162-4405-908b-08a8b292df20" name="Create Users and Assign Roles" type="

<subsHEETid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="-75" y="150" w="180" h="105"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="c6323011-0c2a-4f82-a4ef-5c941be8a3e3" name="Restrict Process Group 1" type="Block

<subsHEETid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="-75" y="315" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="e62da1c1-64ed-4fb6-b413-9bc39bbc5eca" name="Restrict Object Group 1" type="Block">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="-75" y="525" w="180" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="71edc15b-faa0-4a8c-9895-07620086dc9f" name="User Name" type="Data">

<loginhibit onsucces="true"/>

<display x="-225" y="45" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">User (BG-3945)</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="61d6f831-d77e-4764-a9a4-5770481d9fd5" name="Set Object Group Restricted" type="Ac

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="600" w="150" h="30"/>

<onsucces>5f73d2e2-697a-4084-8c7d-100de6eeb474</onsucces>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="1f558ef0-2897-4858-bdf0-3ec7a47fd0e1" name="Press OK" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="480" w="150" h="30"/>

<onsuccess>04a91b48-3579-4c7f-8de7-5d15b9c4d614</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="b1798bdc-c175-4397-8fe4-155242356ba7" name="Press OK" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="690" w="150" h="30"/>

<onsheets>78c20298-35cd-4661-83cb-d508efbb6054</onsheets>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="72e9917e-4062-4f76-b573-6b70c710bf2d" name="Set Process Group Permissions" type="Co

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="435" w="150" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendlname="Set Role Permissions" narrative="Co

<input type="flag" name="Negative Test?" friendlname="Negative Test?" narrative="flag to change the flo

</inputs>

<outputs>

<output type="flag" name="Permissions Set?" friendlname="Permissions Set?" narrative="Flag to indicate

<output type="text" name="Exception" friendlname="Exception" narrative="text passed from exception" st

</outputs>

<onsheets>1f558ef0-2897-4858-bdf0-3ec7a47fd0e1</onsheets>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Proces

</stage>

<stage stageid="62dbbbebf-5d0f-4bbd-a7e6-b5df115e76d2" name="Process Group Permissions" type="Co

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

```
<display x="-150" y="-360" w="120" h="30"/>

<datatype>collection</datatype>

<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"/>

<field name="Execute Process as Web Service" type="flag"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role Name" type="text" value="X Custom Role"/>

<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="True"/>

<field name="Manage Process Access Rights" type="flag" value="False"/>

<field name="Execute Process as Web Service" type="flag" value="False"/>

</row>

<row>

<field name="Role Name" type="text" value="X Custom Role 2"/>

<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="True"/>

<field name="Manage Process Access Rights" type="flag" value="True"/>

<field name="Execute Process as Web Service" type="flag" value="False"/>

</row>

</initialvalue>

</stage>

<stage stageid="5f73d2e2-697a-4084-8c7d-100de6eeb474" name="Set Object Group Permissions" type=

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="645" w="150" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendlname="Set Role Permissions" narrative="Co

<input type="flag" name="Negative Test?" friendlname="Negative Test?" narrative="flag to change the flo

</inputs>
```

```
<outputs>

<output type="flag" name="Permissions Set?" friendlyname="Permissions Set?" narrative="Flag to indicate

<output type="text" name="Exception" friendlyname="Exception" narrative="text passed from exception" st

</outputs>

<onsuccess>b1798bdc-c175-4397-8fe4-155242356ba7</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Object

</stage>

<stage stageid="eaebdefb-02a4-474a-9a8f-d5ad425b92d2" name="Open Process Group Access Rights" t

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="345" w="150" h="30"/>

<inputs>

<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/ob

<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained with

<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collecti

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" na

<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="

</outputs>

<onsuccess>fc364f71-4f9e-4e50-87ab-8311931c5872</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="04a91b48-3579-4c7f-8de7-5d15b9c4d614" name="Open Object Group Access Rights" ty

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="555" w="150" h="30"/>
```



```
<inputs>

<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/object)" />

<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained within" />

<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collection of elements" />

</inputs>

<outputs>

<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" narrative="Access Rights Screen loaded" />

<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="Exception" />

</outputs>

<onsuccess>61d6f831-d77e-4764-a9a4-5770481d9fd5</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>

</stage>

<stage stageid="3c68d0f1-4894-4298-a239-633b238beef2" name="Create Roles" type="Block">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-75" y="-240" w="180" h="330"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="fa9fad5e-a905-4d30-8ec3-738f29314673" name="User Name (2)" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="75" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">User 2 (BG-3945)</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="89b89a43-c174-4ada-8edd-a9de9384852d" name="Role Name" type="Data">

<loginhibit onsuccess="true"/>
```

<display x="-225" y="105" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">X Custom Role</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="fe3cbef4-0b8a-4cc3-a3b8-435f29c705f0" name="Role Name (2)" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="135" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">X Custom Role 2</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="cf32df23-c82e-419a-a2b2-f010f6c53dbc" name="Create User" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="180" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The username of the user you

<input type="password" name="Password" friendlyname="Password" narrative="The password in which yo

<input type="date" name="User Expiry Date" friendlyname="User Expiry Date" narrative="The date in which

<input type="date" name="Password Expiry Date" friendlyname="Password Expiry Date" narrative="The d

<input type="collection" name="Roles" friendlyname="Roles" narrative="The roles you wish to give to your

<input type="text" name="Password Duration" friendlyname="Password Duration" narrative="The duration,

<input type="flag" name="Close Wizard" friendlyname="Close Wizard" expr=""/>

</inputs>

<onsuccess>e0c77670-92b3-4d36-bfcc-9eb0f74b2541</onsuccess>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

</stage>

<stage stageid="35bcf82c-92a4-4f33-90d7-19f9c2c497e9" name="Password" type="Data">

<loginhibit onsucces="true"/>

<display x="-225" y="165" w="120" h="30"/>

<datatype>password</datatype>

<initialvalueenc>49,20,7,67,26,91,6,1</initialvalueenc>

<alwaysinit/>

</stage>

<stage stageid="5666330c-90b7-4ec6-9bca-599b01112e0f" name="Click Create New" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-210" w="150" h="30"/>

<inputs>

<input type="text" name="New Role Name" friendlyname="New Role Name" narrative="Name of the new F

</inputs>

<onsucces>54f47c32-99f6-4d63-a95f-36612f429d2b</onsucces>

<resource object="Blue Prism - System - Security" action="User Roles - Create Role"/>

</stage>

<stage stageid="f95f9331-ad0b-4d87-99b8-332213fed019" name="Click Create New (2)" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-75" w="150" h="30"/>

<inputs>

<input type="text" name="New Role Name" friendlyname="New Role Name" narrative="Name of the new F

</inputs>

<onsucces>0365e413-864a-440f-a849-c87063e34078</onsucces>

<resource object="Blue Prism - System - Security" action="User Roles - Create Role"/>

```
</stage>

<stage stageid="571066d8-7b05-4866-b5e4-720873019a26" name="Press Apply Button" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="60" w="150" h="30"/>

<onsucces>29fb1250-185d-4282-937c-422864415482</onsucces>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="54f47c32-99f6-4d63-a95f-36612f429d2b" name="Add Process Studio Permissions" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-165" w="150" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlname="Parent Node Name" narrative="Name of the parent node" />

<input type="flag" name="Check?" friendlname="Check?" narrative="True if item needs to be checked. False otherwise" />

</inputs>

<onsucces>0d62bd6f-ff88-4186-a312-34057daa4f8d</onsucces>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Parent Node" />

</stage>

<stage stageid="0d62bd6f-ff88-4186-a312-34057daa4f8d" name="Add Object Studio Permissions" type="Action">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-120" w="150" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlname="Parent Node Name" narrative="Name of the parent node" />

<input type="flag" name="Check?" friendlname="Check?" narrative="True if item needs to be checked. False otherwise" />

</inputs>
```

```
<onsuccess>f95f9331-ad0b-4d87-99b8-332213fed019</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Pare

</stage>

<stage stageid="0365e413-864a-440f-a849-c87063e34078" name="Add Process Studio Permissions (2)" type="Form"

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-30" w="150" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the parent node."

<input type="flag" name="Check?" friendlyname="Check?" narrative="True if item needs to be checked. False otherwise."

</inputs>

<onsuccess>8856c657-e07a-499d-8740-f3f04f8a2d00</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Pare

</stage>

<stage stageid="8856c657-e07a-499d-8740-f3f04f8a2d00" name="Add Object Studio Permissions (2)" type="Form"

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="15" w="150" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the parent node."

<input type="flag" name="Check?" friendlyname="Check?" narrative="True if item needs to be checked. False otherwise."

</inputs>

<onsuccess>571066d8-7b05-4866-b5e4-720873019a26</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Pare

</stage>

<stage stageid="29fb1250-185d-4282-937c-422864415482" name="Browse to System -&gt; Users" type="Form"

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>
```

```
<loginhibit onsuccess="true"/>

<display x="15" y="120" w="150" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended" />
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item to be clicked" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />

</inputs>

<onsuccess>cf32df23-c82e-419a-a2b2-f010f6c53dbc</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="4ae20261-4e6f-4e17-a08a-ecae3f47e05b" name="Roles (1)" type="Collection">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<display x="-150" y="-420" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value="X Custom Role"/>

</row>

</initialvalue>
```

</stage>

<stage stageid="759f72bc-88ff-4e21-836f-dff500878ece" name="Roles (2)" type="Collection">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<display x="-150" y="-390" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value="X Custom Role 2"/>

</row>

</initialvalue>

</stage>

<stage stageid="5bf642bf-04cd-4350-ad1f-bfaf24edd908" name="Input Variables" type="Block">

<subsheetsid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="-225" y="-450" w="150" h="150"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="92dbee5e-bcf3-436c-b88d-8f46c6e9c70a" name="Failed?" type="Data">

<display x="-225" y="240" w="120" h="30"/>

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="57ffe3b2-dc49-4d9a-9675-a76020d478c4" name="Exception" type="Data">

<display x="-225" y="270" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d1d53b54-acb7-4b92-9ce0-2fc540210cb8" name="Local Variables" type="Block">

<loginhibit onsucceed="true"/>

<display x="-300" y="210" w="150" h="90"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="9cfe621d-c1a4-40bb-b580-998796282bb7" name="Object Group Permissions" type="Collection">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<display x="-150" y="-330" w="120" h="30"/>

<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="X Custom Role"/>

<field name="Create Business Object" type="flag" value="False"/>

<field name="Delete Business Object" type="flag" value="False"/>

<field name="Edit Business Object" type="flag" value="False"/>

<field name="Export Business Object" type="flag" value="False"/>

<field name="Import Process Business Object" type="flag" value="False"/>

<field name="Execute Business Object" type="flag" value="False"/>

<field name="View Business Object" type="flag" value="False"/>

<field name="Edit Object Groups" type="flag" value="True"/>

<field name="Manage Business Object Access Rights" type="flag" value="False"/>

</row>

<row>

<field name="Role Name" type="text" value="X Custom Role 2"/>

<field name="Create Business Object" type="flag" value="False"/>

<field name="Delete Business Object" type="flag" value="False"/>

<field name="Edit Business Object" type="flag" value="False"/>

<field name="Export Business Object" type="flag" value="False"/>

<field name="Import Process Business Object" type="flag" value="False"/>

<field name="Execute Business Object" type="flag" value="False"/>

<field name="View Business Object" type="flag" value="False"/>
```

```
<field name="Edit Object Groups" type="flag" value="True"/>

<field name="Manage Business Object Access Rights" type="flag" value="True"/>

</row>

</initialvalue>

</stage>

<stage stageid="78c20298-35cd-4661-83cb-d508efbb6054" name="Sign Out" type="Action">

<subsheetid>78e4eaff-7e63-4d58-ac90-636d6d74f92f</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="750" w="150" h="30"/>

<onsuccess>90e1fa58-d058-4947-b782-fa0f2bc4c36e</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="78191fce-3e49-40ea-a541-f61a2d39999b" name="Sign In (User 2)" type="Action">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr="[User Name (2)]"/>

<input type="password" name="Password" friendlyname="Password" expr="[Password]"/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

<input type="flag" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>af15cb5a-d8ec-4074-9d7b-575b5cf2eecd</onsuccess>
```

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="4245164d-19c2-43b1-a33e-a073923c6eb3" name="Sign Out (User 2)" type="Action">

<subsHEETid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="120" w="150" h="30"/>

<onsUCCESS>9fae59dc-5ba4-4e95-bde4-608fae8022a9</onsUCCESS>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="328992b8-0466-44d7-8f72-5dd3a4260ba8" name="Sign Out (User)" type="Action">

<subsHEETid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="120" w="150" h="30"/>

<onsUCCESS>0cc994b2-8694-47c1-947d-369e66dcad65</onsUCCESS>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="8825e645-4f14-42ea-931c-01128a1bfae6" name="Sign In (User)" type="Action">

<subsHEETid>c5efc501-91ac-4699-804e-faeb82cb287f</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr="[User Name]"/>

<input type="password" name="Password" friendlyname="Password" expr="[Password]"/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

<input type="flag" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>

</inputs>

```
<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>0e945eb8-796a-4967-b0d8-b8ad427fcc65</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="af15cb5a-d8ec-4074-9d7b-575b5cf2eecd" name="Browse to Studio" type="Action">

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-15" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="">

</inputs>

<onsuccess>ebaf5543-892a-4f96-989d-43b487b8d856</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="0e945eb8-796a-4967-b0d8-b8ad427fcc65" name="Browse to Studio" type="Action">

<subsheetsid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="-15" w="150" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="">

</inputs>

<onsuccess>3de174a6-c6ca-45e7-97f1-a6538fc5d759</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="ebaf5543-892a-4f96-989d-43b487b8d856" name="Move Process" type="Action">
```

```
<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="30" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>1b1c2418-d1f3-48c4-a5b5-8a534ca80796</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="4f357a06-2535-4392-be54-cc36e517389b" name="Process Name" type="Collection">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text" description="The name of the process / object."/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Process (BG-3945)"/>

</row>

</initialvalue>

</stage>

<stage stageid="1b1c2418-d1f3-48c4-a5b5-8a534ca80796" name="Move Process" type="Action">

<subsheetid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetid>
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<loginhibit onsuccess="true"/>

<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>ebcac41e-9afb-4f97-afa3-0e273855ecc1</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="ebcac41e-9afb-4f97-afa3-0e273855ecc1" name="Move Process" type="Action">

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="120" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>fd5565f8-9df7-4fea-9caf-5e85313ac163</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="fd5565f8-9df7-4fea-9caf-5e85313ac163" name="Move Process" type="Action">

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="165" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc
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</inputs>

<onsuccess>f93aa77c-4a3e-4be6-a917-ab8512394aca</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="fa5c4cfe-efc0-47ff-af0d-10b7287a1716" name="Input Variables" type="Block">

<subsheetsid>e2a3c67d-3b71-482f-8170-8ecf96e2bbbd</subsheetsid>

<loginhibit onsheets="true"/>

<display x="-225" y="-15" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="3de174a6-c6ca-45e7-97f1-a6538fc5d759" name="Move Process" type="Action">

<subsheetsid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="30" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>46cef303-6146-4e5b-8bd9-07e30cf01e80</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="426867ee-9701-4896-b92b-ecddc643f3f7" name="Process Name" type="Collection">

<subsheetsid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetsid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

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<collectioninfo>

<field name="Name" type="text" description="The name of the process / object."/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Process (BG-3945)"/>

</row>

</initialvalue>

</stage>

<stage stageid="46cef303-6146-4e5b-8bd9-07e30cf01e80" name="Move Process" type="Action">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlname="Group" narrative="The name of the group to add the proc

</inputs>

<onsucces>445359e4-78d1-41a3-afbd-2dcbea13b698</onsucces>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="445359e4-78d1-41a3-afbd-2dcbea13b698" name="Move Process" type="Action">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

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<display x="15" y="120" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlname="Group" narrative="The name of the group to add the proc
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</inputs>

<onsuccess>9b04669d-5527-468c-bbca-5dd4ca3a7f1d</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="9b04669d-5527-468c-bbca-5dd4ca3a7f1d" name="Move Process" type="Action">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

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<display x="15" y="165" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>7dfcd8ac-5362-4ed2-a411-d77378774c78</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="ef2376bc-db82-4eb8-98c1-f143cffdf55d" name="Input Variables" type="Block">

<subsheetid>c5efc501-91ac-4699-804e-faeb82cb287f</subsheetid>

<loginhibit onsuccess="true"/>

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</stage>

<stage stageid="6b6061df-6de5-4677-8de0-ea03144f8e59" name="Move Object" type="Action">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p
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```
<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc
</inputs>

<onsuccess>55b9b289-d572-4be0-8c76-1d425404ba0f</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="da439884-1a9e-486d-b54e-444346cdfa82" name="Object Name" type="Collection">

<subsheetsid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetsid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text" description="The name of the process / object."/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Object (BG-3945)"/>

</row>

</initialvalue>

</stage>

<stage stageid="55b9b289-d572-4be0-8c76-1d425404ba0f" name="Move Object" type="Action">

<subsheetsid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="-15" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc
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</inputs>

<onsuccess>8c2aec7a-933d-4889-9d50-d76df33dca1e</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="8c2aec7a-933d-4889-9d50-d76df33dca1e" name="Move Object" type="Action">

<subsheetsid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="30" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>cde94f9f-ec1c-411a-9cc5-c1ef9f8dd596</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="cde94f9f-ec1c-411a-9cc5-c1ef9f8dd596" name="Move Object" type="Action">

<subsheetsid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetsid>

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<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>4245164d-19c2-43b1-a33e-a073923c6eb3</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="84b627e1-a2e0-4857-b4ca-4f845ab2201f" name="Input Variables" type="Block">

<subsheetid>f75d1b07-d48e-4c97-9711-fc3c01284522</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-225" y="-15" w="150" h="60"/>

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</stage>

<stage stageid="9b94f036-a5ca-40e1-951a-71115da0e206" name="Move Object" type="Action">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>e19b10c1-156b-45b5-a7c7-c0a13b908828</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="3278039e-02e0-4631-a10d-6482d8ceec0d" name="Object Name" type="Collection">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<display x="-150" y="15" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text" description="The name of the process / object."/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Object (BG-3945)"/>

</row>

</initialvalue>

</stage>

<stage stageid="e19b10c1-156b-45b5-a7c7-c0a13b908828" name="Move Object" type="Action">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

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<display x="15" y="-15" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsucceed>8dc446c0-8038-46bf-814b-c0b5e6b53dea</onsucceed>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="8dc446c0-8038-46bf-814b-c0b5e6b53dea" name="Move Object" type="Action">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsucceed="true"/>

<display x="15" y="30" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsucceed>6ff90351-2076-4363-81ed-8dd4c5d3e9b8</onsucceed>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="6ff90351-2076-4363-81ed-8dd4c5d3e9b8" name="Move Object" type="Action">

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<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="75" w="150" h="30"/>

<inputs>

<input type="collection" name="Processes / Objects" friendlyname="Processes / Objects" narrative="The p

<input type="text" name="Group" friendlyname="Group" narrative="The name of the group to add the proc

</inputs>

<onsuccess>328992b8-0466-44d7-8f72-5dd3a4260ba8</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Process / Object Group - Add to"/>

</stage>

<stage stageid="c948f13c-e5e0-4227-ba20-5fa7d9dae778" name="Input Variables" type="Block">

<subsheetid>f7b61606-7727-47c7-9972-66e4eb1e9e62</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-225" y="-15" w="150" h="60"/>

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</stage>

<stage stageid="da34c402-cb82-4f5c-abb0-e329fbee7954" name="Terminate" type="Action">

<loginhibit onsuccess="true"/>

<display x="15" y="960" w="150" h="30"/>

<onsuccess>3e8c112d-4b17-4427-b10b-b1bd8f689369</onsuccess>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

<stage stageid="ae7d0351-2eb0-4d78-9d89-495320b7a71f" name="Go To User Roles" type="Action">

<display x="15" y="780" w="120" h="30"/>

<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
```

```
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />
</inputs>

<onsuccess>1cd61841-427d-49e4-bdbe-28fe74eb41a8</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>
</stage>

<stage stageid="52bffc44-5e60-4c87-abe6-dfa162bce192" name="Go To System Tab" type="Action">
<display x="15" y="735" w="120" h="30"/>

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;" />
</inputs>

<onsuccess>ae7d0351-2eb0-4d78-9d89-495320b7a71f</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>
</stage>

<stage stageid="1cd61841-427d-49e4-bdbe-28fe74eb41a8" name="Delete Role" type="Action">
<display x="15" y="825" w="120" h="30"/>

<inputs>

<input type="text" name="Role Name" narrative="Name of the Role to be deleted." expr="[Role Name]"/>
</inputs>

<onsuccess>1756161f-5400-4801-a6ac-68a5cf04f4b7</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Delete Role"/>
</stage>

<stage stageid="1756161f-5400-4801-a6ac-68a5cf04f4b7" name="Delete Role" type="Action">
<display x="15" y="870" w="120" h="30"/>

<inputs>
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```
<input type="text" name="Role Name" narrative="Name of the Role to be deleted." expr="[Role Name (2)]" />
</inputs>
<onsuccess>21d24cf7-0b08-496a-92af-6066383ab47a</onsuccess>
<resource object="Blue Prism - System - Security" action="User Roles - Delete Role"/>
</stage>
<stage stageid="24327ca2-710d-4090-b559-dfc3be4f63b9" name="Sign In" type="Action">
<loginhibit onsuccess="true"/>
<display x="15" y="690" w="120" h="30"/>
<inputs>
<input type="text" name="Username" friendlyname="Username" expr=""/>
<input type="password" name="Password" friendlyname="Password" expr=""/>
<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your first time using Blue Prism, you must create a new password." expr=""/>
<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>
<input type="flag" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>
</inputs>
<outputs>
<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>
</outputs>
<onsuccess>52bffc44-5e60-4c87-abe6-dfa162bce192</onsuccess>
<resource object="Blue Prism" action="Sign In"/>
</stage>
<stage stageid="21d24cf7-0b08-496a-92af-6066383ab47a" name="Delete Role - Apply changes" type="Action">
<loginhibit onsuccess="true"/>
<display x="15" y="915" w="120" h="30"/>
<onsuccess>da34c402-cb82-4f5c-abb0-e329fbee7954</onsuccess>
<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>
</stage>
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</process>

<process name="Test Nested Collections Pass By Reference" version="1.0" bpversion="6.0.0.0" narrative=

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<cameray>-33</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="eeeea1499-349d-4e7f-8b73-16f39d468b12" type="Normal" published="False">

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<view>

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<cameray>0</cameray>

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

</view>

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</narrative>

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<onsuccess>be5073a7-7ab0-4b56-86a9-bc3c72b75865</onsuccess>

</stage>

<stage stageid="1d19e25c-9b87-43af-9174-f9ea2518a4f5" name="End" type="End">

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<field name="Name" type="text"/>

<field name="Qualifications" type="collection" singlerow="1">

<field name="Degrees" type="collection">

<field name="Graduation Date" type="date" description="The date of the candidate's graduation"/>

<field name="Class" type="text" description="1; 2.1; 2.2; 2.3; 3; Pass"/>

<field name="Degree" type="text" description="Bsc / Msc / BA / MA / MPhil / etc."/>

<field name="Subject" type="text" description="The subject of the degree"/>

</field>

<field name="A-Levels" type="collection">

<field name="Date" type="date" description="The date of the A-Level qualification"/>

<field name="Subject" type="text" description="The subject of the A-Level"/>

<field name="Grade" type="text" description="A-F, N, something else. God, I can't remember, it was ages ago."/>

</field>

<field name="GCSEs" type="collection">

<field name="Date" type="date" description="The date the GCSE qualification was granted."/>

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<field name="Subject" type="text" description="The subject of the GCSE"/>

<field name="Grade" type="text" description="A-F, A* I guess, though I was always annoyed that that came
</field>

<field name="Professional" type="collection">

<field name="Name" type="text" description="The name of the qualification"/>

<field name="Date" type="date" description="The date that the qualification was attained"/>

<field name="Chartered" type="flag" description="Whether the qualification was issue from a professional b
</field>

</field>

<field name="Work History" type="collection">

<field name="Start Date" type="date" description="The date that the work period started"/>

<field name="End Date" type="date" description="The date that the work period ended"/>

<field name="Title" type="text" description="The title of the work project"/>

<field name="Role" type="text" description="The candidate's role within the work project"/>

<field name="Description" type="text" description="A description of the project and the candidate's contribu
</field>

</collectioninfo>

<initialvalue>

<row>

<field name="Id" type="number" value="1"/>

<field name="Name" type="text" value="Semolina Blunt"/>

<field name="Qualifications" type="collection">

<singlerow/>

<row>

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<field name="A-Levels" type="collection"/>

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<field name="Subject" type="text" value="English Language"/>

<field name="Grade" type="text" value="B"/>

</row>

<row>

<field name="Date" type="date" value="2002/06/07"/>

<field name="Subject" type="text" value="English Literature"/>

<field name="Grade" type="text" value="A"/>

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<row>

<field name="Date" type="date" value="2002/06/07"/>

<field name="Subject" type="text" value="English Lycanthropy"/>

<field name="Grade" type="text" value="D"/>

</row>

<row>

<field name="Date" type="date" value="2002/06/07"/>

<field name="Subject" type="text" value="English Lepidoptory"/>

<field name="Grade" type="text" value="C"/>

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<row>

<field name="Date" type="date" value="2002/06/07"/>

<field name="Subject" type="text" value="English Lavatory"/>

<field name="Grade" type="text" value="A"/>

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<row>

<field name="Date" type="date" value="2002/06/07"/>

<field name="Subject" type="text" value="English Liturgy"/>

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<field name="Date" type="date" value="2002/06/07"/>

<field name="Subject" type="text" value="English"/>

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<field name="Professional" type="collection"/>

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</field>

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<field name="Start Date" type="date" value="1998/08/12"/>

<field name="End Date" type="date" value="2004/05/30"/>

<field name="Title" type="text" value="Mr Blackadder's Household"/>

<field name="Role" type="text" value="Dogsbody"/>

<field name="Description" type="text" value=""/>

</row>

<row>

<field name="Start Date" type="date" value="2004/05/30"/>

<field name="End Date" type="date" value="2011/12/24"/>

<field name="Title" type="text" value="Mr Blackadder's Household"/>

<field name="Role" type="text" value="Guttersnipe"/>

<field name="Description" type="text" value=""/>

</row>

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<row>

<field name="Start Date" type="date" value="2011/12/26"/>

<field name="End Date" type="date" value=""/>

<field name="Title" type="text" value="Mr Blackadder's Household"/>

<field name="Role" type="text" value="Skivvy"/>

<field name="Description" type="text" value=""/>

</row>

</field>

</row>

<row>

<field name="Id" type="number" value="2"/>

<field name="Name" type="text" value="Androgoné De Gaulle"/>

<field name="Qualifications" type="collection">

<singlerow/>

<row>

<field name="Degrees" type="collection">

<row>

<field name="Graduation Date" type="date" value="1998/07/15"/>

<field name="Class" type="text" value="2.1"/>

<field name="Degree" type="text" value="BA"/>

<field name="Subject" type="text" value="Computer Anarchy"/>

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</field>

<field name="A-Levels" type="collection">

<row>

<field name="Date" type="date" value="1995/07/05"/>

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</row>

<row>

<field name="Date" type="date" value="1995/07/05"/>

<field name="Subject" type="text" value="Palilogy"/>

<field name="Grade" type="text" value="B"/>

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<field name="Date" type="date" value="1995/07/05"/>

<field name="Subject" type="text" value="Palilogy"/>

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<singlerow/>

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<field name="Grade" type="text" value="B"/>

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<field name="Date" type="date" value="2004/06/12"/>

<field name="Subject" type="text" value="Physics"/>

<field name="Grade" type="text" value="C"/>

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<row>

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<field name="Subject" type="text" value="Computing"/>

<field name="Grade" type="text" value="C"/>

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</field>

<field name="GCSEs" type="collection"/>

<field name="Professional" type="collection"/>

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</field>

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<field name="Work History" type="collection"/>

</row>

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</stage>

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</narrative>

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<onsuccess>d974c865-3d80-47e1-a215-6a192cd6a5a9</onsuccess>

<calculation expression="[Candidates.Qualifications.GCSEs]" stage="GCSEs"/>

</stage>

<stage stageid="fd5ee844-20fb-4f74-9019-d450a06e6db9" name="GCSEs" type="Collection">

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<private/>

<alwaysinit/>

<collectioninfo>
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</collectioninfo>

</stage>

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  <displaywidth>120</displaywidth>

  <displayheight>30</displayheight>

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  <groupid>edb3025e-34cd-4c59-a30e-49b18f7687a4</groupid>

  <looptype>ForEach</looptype>

  <loopdata>Candidates</loopdata>

</stage>

<stage stageid="490d534f-931e-4d35-bbaa-26db9695b42f" name="Next Candidate" type="LoopEnd">

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  </narrative>

  <displayx>15</displayx>

  <displayy>1485</displayy>

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<looptype>ForEach</looptype>

<loopdata>Candidates.Qualifications</loopdata>

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<stage stageid="a0beaa0a-df71-45f0-aa48-67b55c981ef8" name="Next Qualification" type="LoopEnd">

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</stage>

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</stage>

<stage stageid="8f758649-e663-4c43-9312-def918e4059f" name="Get Date (Candidates)" type="Calculati

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<calculation expression="[Candidates.Qualifications.GCSEs.Date]" stage="Date 1"/>

</stage>

<stage stageid="a48eb50f-e9bd-4b75-84fd-d09c858afbdb" name="For Each GCSE" type="LoopStart">

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<groupid>b750fa44-f2a4-429a-9bb9-85f6ef4f2378</groupid>

<looptype>ForEach</looptype>

<loopdata>Candidates.Qualifications.GCSEs</loopdata>

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<stage stageid="78afa833-e8dc-42fd-9c9c-409eaa957ae1" name="Next GCSE" type="LoopEnd">

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<groupid>b750fa44-f2a4-429a-9bb9-85f6ef4f2378</groupid>

</stage>

<stage stageid="6cf81585-086a-4926-b1ca-7d7d46d58525" name="Date 1" type="Data">

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<alwaysinit/>

</stage>

<stage stageid="2a79ba9c-f727-41bc-9dc8-46738597e99c" name="Get Date (Candidates)" type="Calcula

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<onsuccess>93599be1-5dac-436e-ba2e-19be15e24027</onsuccess>

<calculation expression="[Candidates.Qualifications.GCSEs.Date]" stage="Date 2"/>

</stage>

<stage stageid="d5b74e52-635d-4d83-a342-97e2558c64d4" name="Date 2" type="Data">

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</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>
```

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<stage stageid="c46541d6-27e9-4578-a320-7c4741c31bdc" name="Get Qualifications" type="Calculation">

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<onsuccess>aa45698b-0767-4116-adab-0dc0a5ffe4c5</onsuccess>

<calculation expression="[Candidates.Qualifications]" stage="Qualifications"/>

</stage>

<stage stageid="a0325d47-a905-4f80-b625-cdcbefe1929d" name="Qualifications" type="Collection">

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<alwaysinit/>

</stage>

<stage stageid="aa45698b-0767-4116-adab-0dc0a5ffe4c5" name="Set Date (Qualifications)" type="Calcula

<narrative>

</narrative>
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<calculation expression="MakeDate(14,12,1981)" stage="Qualifications.GCSEs.Date"/>
</stage>
<stage stageid="93599be1-5dac-436e-ba2e-19be15e24027" name="Date 1 = Date 2?" type="Decision">
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</narrative>
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<font family="Segoe UI" size="10" style="Regular" color="000000"/>
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<ontrue>2994e807-3541-4be3-827c-3267712b5979</ontrue>
<onfalse>21116887-24be-4712-90e6-fb6930ad1a38</onfalse>
</stage>
<stage stageid="1b21e008-1901-4182-a0a7-76a5310b0e15" name="Date 1 = Date 2?" type="Decision">
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<ontrue>90cf7393-13e3-4bc6-a8cb-3ae0e3218c4b</ontrue>

<onfalse>44080aaa-406b-432f-8cc2-7df91cd22f04</onfalse>

</stage>

<stage stageid="21116887-24be-4712-90e6-fb6930ad1a38" name="FAIL" type="Exception">

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</stage>

<stage stageid="90cf7393-13e3-4bc6-a8cb-3ae0e3218c4b" name="FAIL" type="Exception">

<narrative>

</narrative>

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<exception type="PassByReferenceException" detail="&quot;Setting an inner collection to a stage with

</stage>

<stage stageid="0cbd6b5a-f5ef-4a35-a94d-c54a304c2dfd" name="Test with defined schema in target" type="Test"

<narrative>

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</stage>

<stage stageid="a5f697c1-cb0d-4e48-ab9f-30e518e896f9" name="Test with no schema in target" type="B

<narrative>

</narrative>

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</stage>

<stage stageid="2b67ed0a-7a5f-4dbf-9492-72d73791d808" name="Index" type="Data">

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</narrative>

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</stage>

<stage stageid="aa86aa48-86e0-4f2c-a200-407574713a3f" name="Index++" type="Calculation">

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  <stage stageid="bfe3e6bb-66cf-40f0-ae1c-e34a701b3234" name="Start" type="Start">
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      <subsheetid>5a55e31b-9e41-4f36-ae74-85d77566e564</subsheetid>
      <narrative>
        </narrative>
      <displayx>-45</displayx>
      <displayy>-135</displayy>
      <displaywidth>60</displaywidth>
      <displayheight>30</displayheight>
      <font family="Segoe UI" size="10" style="Regular" color="000000"/>
      <inputs>
        <input type="collection" name="Qualifications" narrative="Collection stage has no schema" stage="Qualifications">
        </input>
      </inputs>
      <onsuccess>dd9a7162-5ac6-40e8-8f8a-263633ab4f58</onsuccess>
    </stage>

    <stage stageid="7c7a613c-b0c0-499d-9a79-463f4cfe8b7a" name="End" type="End">
      <subsheets>
        <subsheetid>5a55e31b-9e41-4f36-ae74-85d77566e564</subsheetid>
        <narrative>
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</narrative>

<displayx>-45</displayx>

<displayy>-45</displayy>

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<displayheight>30</displayheight>

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</stage>

<stage stageid="a08a2d83-1d0d-42c1-8221-d76be123cb12" name="With Schema" type="SubSheetInfo">

<subsheetsid>957df9eb-83ea-40d0-bef8-882f5c53f352</subsheetsid>

<narrative>

</narrative>

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<displayheight>90</displayheight>

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

</stage>

<stage stageid="7fe8967e-a136-48ea-987f-a022a950c783" name="Start" type="Start">

<subsheetsid>957df9eb-83ea-40d0-bef8-882f5c53f352</subsheetsid>

<narrative>

</narrative>

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<displayy>-135</displayy>

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<inputs>

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<input type="collection" name="GCSEs" narrative="GCSEs collection stage has schema" stage="GCSEs"/>
</inputs>

<onsuccess>2c52e890-0733-445f-a6a7-8b04cd775e8d</onsuccess>

</stage>

<stage stageid="f8fc057c-83d6-4ef5-a056-9538e85727c1" name="End" type="End">

<subsheetsid>957df9eb-83ea-40d0-bef8-882f5c53f352</subsheetsid>

<narrative>

</narrative>

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<displayy>-45</displayy>

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</stage>

<stage stageid="2c52e890-0733-445f-a6a7-8b04cd775e8d" name="Set Date (GCSEs)" type="Calculation">

<subsheetsid>957df9eb-83ea-40d0-bef8-882f5c53f352</subsheetsid>

<narrative>

</narrative>

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<displayy>-90</displayy>

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<onsuccess>f8fc057c-83d6-4ef5-a056-9538e85727c1</onsuccess>

<calculation expression="MakeDate(14,12,1974)" stage="GCSEs.Date"/>

</stage>

<stage stageid="5461d294-0eba-445f-a360-ca2ab3d9d429" name="GCSEs" type="Collection">
```

```
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<narrative>

</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Date" type="date"/>

<field name="Subject" type="text"/>

<field name="Grade" type="text"/>

</collectioninfo>

</stage>

<stage stageid="16343e68-5de5-4150-836e-16050d738b16" name="Date 1 = Date 2?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>615</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Date 1] = [Date 2]"/>

<ontrue>3d3b396a-ade8-4c85-86b1-bec51bf844c8</ontrue>
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```
<onfalse>4e48db9e-df8d-44c6-aaf4-ff95a3ada52a</onfalse>

</stage>

<stage stageid="4e48db9e-df8d-44c6-aaf4-ff95a3ada52a" name="FAIL" type="Exception">

<narrative>

</narrative>

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<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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<exception type="PassByReferenceException" detail="&quot;Setting an inner collection via a subpage

</stage>

<stage stageid="0ae9171b-0275-4fd3-a517-8eaa998fcb33" name="With Schema" type="SubSheet">

<narrative>

</narrative>

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<inputs>

<input type="collection" name="GCSEs" narrative="GCSEs collection stage has schema" expr="[Candidates

</inputs>

<onsuccess>0a2c27a9-fa28-453d-a1e6-0108fb9def8f</onsuccess>

<processid>957df9eb-83ea-40d0-bef8-882f5c53f352</processid>

</stage>

<stage stageid="0a2c27a9-fa28-453d-a1e6-0108fb9def8f" name="Get Date (Candidates)" type="Calculati
```

<narrative>

</narrative>

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<displayy>570</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>16343e68-5de5-4150-836e-16050d738b16</onsuccess>

<calculation expression="[Candidates.Qualifications.GCSEs.Date]" stage="Date 2"/>

</stage>

<stage stageid="5d2e0c99-9ccf-40fc-92b0-a7173a805904" name="Test subpage with no schema in target">

<narrative>

</narrative>

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</stage>

<stage stageid="c0fc6794-5864-405c-a0ef-c04932ebc275" name="Date 1 = Date 2?" type="Decision">

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<displayy>780</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Date 1] = [Date 2]"/>

<ontrue>4e7a2873-ba7c-4c7a-9df1-82544f8b929a</ontrue>

<onfalse>76eb4321-1c79-4793-8043-0ab3d578f731</onfalse>

</stage>

<stage stageid="76eb4321-1c79-4793-8043-0ab3d578f731" name="FAIL" type="Exception">

<narrative>

</narrative>

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<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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<exception type="PassByReferenceException" detail="&quot;Setting an inner collection via a subpage

</stage>

<stage stageid="3d3b396a-ade8-4c85-86b1-bec51bf844c8" name="Without Schema" type="SubSheet">

<narrative>

</narrative>

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<inputs>

<input type="collection" name="Qualifications" narrative="Collection stage has no schema" expr="[Candida

</inputs>

<onsuccess>7fbe9d38-c22e-418a-ae95-1a4dd2bf9e89</onsuccess>

<processid>5a55e31b-9e41-4f36-ae74-85d77566e564</processid>
```



```
</stage>

<stage stageid="7fbe9d38-c22e-418a-ae95-1a4dd2bf9e89" name="Get Date (Candidates)" type="Calculation">

  <narrative>

  </narrative>

  <displayx>15</displayx>

  <displayy>735</displayy>

  <displaywidth>60</displaywidth>

  <displayheight>30</displayheight>

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

  <onsuccess>c0fc6794-5864-405c-a0ef-c04932ebc275</onsuccess>

  <calculation expression="[Candidates.Qualifications.GCSEs.Date]" stage="Date 2"/>

</stage>

<stage stageid="95b9fa37-6e43-4d50-a6c7-dfa092818231" name="Qualifications" type="Collection">

  <subsheetsid>5a55e31b-9e41-4f36-ae74-85d77566e564</subsheetsid>

  <narrative>

  </narrative>

  <displayx>-195</displayx>

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

  <datatype>collection</datatype>

  <private/>

  <alwaysinit/>

</stage>

<stage stageid="dd9a7162-5ac6-40e8-8f8a-263633ab4f58" name="Set Date (Qualifications)" type="Calculation">

  <subsheetsid>5a55e31b-9e41-4f36-ae74-85d77566e564</subsheetsid>
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</narrative>

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<onsuccess>7c7a613c-b0c0-499d-9a79-463f4cfe8b7a</onsuccess>

<calculation expression="MakeDate(14,12,1981)" stage="Qualifications.GCSEs.Date"/>

</stage>

<stage stageid="ba5c8e17-1abf-4987-9217-9f99e4997e2f" name="Test action with defined schema in targ

<narrative>

</narrative>

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</stage>

<stage stageid="8ee4978d-29ec-4464-a6de-f5dd9d995a89" name="Date 1 = Date 2?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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```
<decision expression="[Date 1] = [Date 2]"/>

<ontrue>2d431ced-02f3-48b7-a61c-5a3e33d3df05</ontrue>

<onfalse>1b89fe80-c081-48a3-a013-1dd4d17e4eb8</onfalse>

</stage>

<stage stageid="1b89fe80-c081-48a3-a013-1dd4d17e4eb8" name="FAIL" type="Exception">

<narrative>

</narrative>

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<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="PassByReferenceException" detail="&quot;Setting an inner collection via an action

</stage>

<stage stageid="10979a4e-b4d8-43b8-968a-58112cc0bb91" name="Get Date (Candidates)" type="Calcula

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>900</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>8ee4978d-29ec-4464-a6de-f5dd9d995a89</onsuccess>

<calculation expression="[Candidates.Qualifications.GCSEs.Date]" stage="Date 2"/>

</stage>

<stage stageid="867d88ac-8883-40f6-a8be-ddd844e9ae2b" name="Test action with no schema in target"

<narrative>
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</narrative>

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</stage>

<stage stageid="3456f5cf-68f1-4d79-b365-63cfbd8d4b44" name="Date 1 = Date 2?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1110</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Date 1] = [Date 2]"/>

<ontrue>78afa833-e8dc-42fd-9c9c-409eaa957ae1</ontrue>

<onfalse>8e4384d8-fbf9-4d22-82fd-d68f15ffc811</onfalse>

</stage>

<stage stageid="8e4384d8-fbf9-4d22-82fd-d68f15ffc811" name="FAIL" type="Exception">

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<displaywidth>30</displaywidth>

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

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<exception type="PassByReferenceException" detail="&quot;Setting an inner collection via an action
</stage>

<stage stageid="12c2496f-bc94-45a8-aad1-0363faa062da" name="Get Date (Candidates)" type="Calculat

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<onsuccess>3456f5cf-68f1-4d79-b365-63cfbd8d4b44</onsuccess>

<calculation expression="[Candidates.Qualifications.GCSEs.Date]" stage="Date 2"/>

</stage>

<stage stageid="4e7a2873-ba7c-4c7a-9df1-82544f8b929a" name="With Schema" type="Action">

<narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="collection" name="GCSEs" narrative="GCSEs collection stage has schema" expr="[Candidate

</inputs>

<onsuccess>10979a4e-b4d8-43b8-968a-58112cc0bb91</onsuccess>

<resource object="Pass By Value Or Reference" action="With Schema"/>

</stage>
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<stage stageid="2d431ced-02f3-48b7-a61c-5a3e33d3df05" name="Without Schema" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

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<inputs>

<input type="collection" name="Qualifications" narrative="Collection stage has no schema" expr="[Candidate

</inputs>

<onsuccess>12c2496f-bc94-45a8-aad1-0363faa062da</onsuccess>

<resource object="Pass By Value Or Reference" action="Without Schema"/>

</stage>

</process>

<process name="Test Nested Collections" version="1.0" bpversion="6.0.0.0" narrative="The process will te

<view>

<camerax>-1</camerax>

<cameray>-188</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="abab2203-e441-43a5-afc2-b2181f68fa7d" name="Start" type="Start">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>50741bb7-06d1-48ea-8f7e-ca99058eb41a</onsuccess>

</stage>

<stage stageid="516bf33d-127e-4124-88f2-14946887b911" name="Stage1" type="ProcessInfo">

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</narrative>

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<displayheight>90</displayheight>

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</stage>

<stage stageid="cec382ae-36f6-49f2-a891-f06acef8955c" name="Teams" type="Collection">

<narrative>

</narrative>

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<displaywidth>150</displaywidth>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>
```

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<field name="Name" type="text" namespace=""/>
<field name="Id" type="number" namespace=""/>
<field name="People" type="collection" namespace="">
<field name="Name" type="text" namespace=""/>
<field name="Date" type="date" namespace=""/>
<field name="Time" type="time" namespace=""/>
<field name="IsGood" type="flag" namespace=""/>
</field>
</collectioninfo>
<initialvalue>
<row>
<field name="Name" type="text" value="IO (Best)"/>
<field name="Id" type="number" value="1"/>
<field name="People" type="collection">
<row>
<field name="Name" type="text" value="Adam"/>
<field name="Date" type="date" value="2018/04/04"/>
<field name="Time" type="time" value="00:14:18"/>
<field name="IsGood" type="flag" value="True"/>
</row>
<row>
<field name="Name" type="text" value="Ben"/>
<field name="Date" type="date" value="2018/03/03"/>
<field name="Time" type="time" value="09:40:21"/>
<field name="IsGood" type="flag" value="True"/>
</row>
</field>
```



```
</row>

<row>

<field name="Name" type="text" value="Titan (Worst)"/>

<field name="Id" type="number" value="2"/>

<field name="People" type="collection">

<row>

<field name="Name" type="text" value="Anne"/>

<field name="Date" type="date" value="2018/04/22"/>

<field name="Time" type="time" value="00:24:12"/>

<field name="IsGood" type="flag" value="True"/>

</row>

<row>

<field name="Name" type="text" value="Belinda"/>

<field name="Date" type="date" value="2018/04/29"/>

<field name="Time" type="time" value="00:13:07"/>

<field name="IsGood" type="flag" value="True"/>

</row>

<row>

<field name="Name" type="text" value="Claire"/>

<field name="Date" type="date" value="2018/02/01"/>

<field name="Time" type="time" value="00:13:30"/>

<field name="IsGood" type="flag" value="True"/>

</row>

</field>

</row>

</initialvalue>

</stage>
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<stage stageid="50741bb7-06d1-48ea-8f7e-ca99058eb41a" name="Teams Loop" type="LoopStart">
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</narrative>
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<displayy>-390</displayy>
<displaywidth>90</displaywidth>
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<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>47894e65-bec7-439c-90f1-00ffe0d76909</onsuccess>
<groupid>d1bdf3a3-9d16-4ec4-8463-b41c2a2b9db8</groupid>
<looptype>ForEach</looptype>
<loopdata>Teams</loopdata>
</stage>

<stage stageid="b6f02db4-1e16-49ac-9061-12a63506e5f8" name="Teams Loop" type="LoopEnd">
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>-120</displayy>
<displaywidth>90</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>cd2a5ab2-2f61-4426-a07f-df52513e2fd7</onsuccess>
<groupid>d1bdf3a3-9d16-4ec4-8463-b41c2a2b9db8</groupid>
</stage>

<stage stageid="47894e65-bec7-439c-90f1-00ffe0d76909" name="People Loop" type="LoopStart">
<narrative>
</narrative>
```

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<displayy>-345</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>be05c980-ca8d-4709-8960-53cf7b45fb1a</onsuccess>

<groupid>ecf79c5c-ea88-4e72-96c3-b73d04ea1b5c</groupid>

<looptype>ForEach</looptype>

<loopdata>Teams.People</loopdata>

</stage>

<stage stageid="64441680-36e1-406b-8a52-aebf6acfaaaf" name="People Loop" type="LoopEnd">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-165</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>b6f02db4-1e16-49ac-9061-12a63506e5f8</onsuccess>

<groupid>ecf79c5c-ea88-4e72-96c3-b73d04ea1b5c</groupid>

</stage>

<stage stageid="0d176aa5-50a0-4030-87ac-5c81febec65f" name="Names" type="Collection">

<narrative>

</narrative>

<displayx>-135</displayx>

<displayy>-165</displayy>

<displaywidth>150</displaywidth>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text" namespace=""/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value=""/>

</row>

</initialvalue>

</stage>

<stage stageid="e73e1910-28fc-40a8-8ef8-782bddc35594" name="Add row to names" type="Action">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>-210</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&amp;

</inputs>

<onsuccess>2bbe826f-ff6e-4a9f-a65a-af325f13cb76</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Add Row"/>
```

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</stage>

<stage stageid="64159e96-71cb-49b0-bbc1-5ef8d5a9ac6e" name="Count" type="Data">

<narrative>

</narrative>

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<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="be05c980-ca8d-4709-8960-53cf7b45fb1a" name="Count+" type="Calculation">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-300</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>b2347a0d-4676-49a4-8ed8-7dda36a8f17d</onsuccess>

<calculation expression="[Count]+1" stage="Count"/>

</stage>

<stage stageid="b2347a0d-4676-49a4-8ed8-7dda36a8f17d" name="Is first count" type="Decision">

<narrative>
```

```
</narrative>

<displayx>15</displayx>

<displayy>-255</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count]=1"/>

<ontrue>2bbe826f-ff6e-4a9f-a65a-af325f13cb76</ontrue>

<onfalse>deb6ba1e-8906-44e3-b88f-00061f354fb8</onfalse>

</stage>

<stage stageid="deb6ba1e-8906-44e3-b88f-00061f354fb8" name="Anchor1" type="Anchor">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>-255</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>e73e1910-28fc-40a8-8ef8-782bddc35594</onsuccess>

</stage>

<stage stageid="2bbe826f-ff6e-4a9f-a65a-af325f13cb76" name="Set name" type="Calculation">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-210</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
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```
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>64441680-36e1-406b-8a52-aebf6acfaaaf</onsuccess>

<calculation expression="[Teams.People.Name]" stage="Names.Name"/>

</stage>

<stage stageid="cd2a5ab2-2f61-4426-a07f-df52513e2fd7" name="Outcome as expected?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-75</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Expected names]=[Names]"/>

<ontrue>e8c9b1ce-59bb-4179-a55c-f75c80c9269b</ontrue>

<onfalse>7b819cbc-da15-46fc-89ae-bbd0b185d362</onfalse>

</stage>

<stage stageid="02123701-c33e-499d-8254-a88c53c6ffa1" name="Expected names" type="Collection">

<narrative>

</narrative>

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<displayy>-300</displayy>

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<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>
```

```
<collectioninfo>

<field name="Name" type="text" namespace=""/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Adam"/>

</row>

<row>

<field name="Name" type="text" value="Ben"/>

</row>

<row>

<field name="Name" type="text" value="Anne"/>

</row>

<row>

<field name="Name" type="text" value="Belinda"/>

</row>

<row>

<field name="Name" type="text" value="Claire"/>

</row>

</initialvalue>

</stage>

<stage stageid="7b819cbc-da15-46fc-89ae-bbd0b185d362" name="Incorrect Outcome" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>-75</displayy>

<displaywidth>60</displaywidth>
```



```
<displayheight>30</displayheight>

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<exception type="Invalid Data" detail="&quot;The processed nested collection is not as expected&am

</stage>

<stage stageid="01d256e3-7e10-4d4d-8af4-40d430c9f9a5" name="Input Variables" type="Block">

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>-360</displayy>

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<displayheight>120</displayheight>

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</stage>

<stage stageid="331b841c-6954-4a62-95b5-d6bc13dd391b" name="Local Variables" type="Block">

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>-225</displayy>

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<displayheight>330</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="19928ba4-6e83-4772-bb99-19a0e861cb88" name="Add Row (Teams.People)" type="Act

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1230</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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>

<onsuccess>a3233a81-e5e4-4d18-bc9d-fccd03113c6f</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Add Row"/>

</stage>

<stage stageid="dd1764c5-0b0f-464d-a3cf-ae6c86e85afa" name="Count Columns (Teams.People)" type="Data">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>390</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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 columns counted in the collection" stage="Count Columns">

</outputs>

<onsuccess>57ad5b69-792b-43bd-9bcd-de2d13192289</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Columns"/>

</stage>

<stage stageid="757c65d6-2d1f-48e7-a94a-7f01cf5cbe61" name="Row Count" type="Data">
```

```
<narrative>

</narrative>

<displayx>-135</displayx>

<displayy>-135</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="08861568-185a-4fc2-bc7d-ba233367e7a6" name="Count Rows (Teams.People)" type="A

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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="Ro

</outputs>

<onsuccess>5ec26bc0-105b-41fe-8f44-8363adcb586d</onsuccess>
```

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="40b5cd23-9b16-433d-9de6-5ef198ff9223" name="Column Count" type="Data">

<narrative>

</narrative>

<displayx>-135</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1a163664-145f-464c-81dd-d217f925277b" name="Remove All Rows (Teams.People)" type="Data">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2100</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&amp;CollectionName" value="CollectionName"/>

</inputs>

<onsuccess>01a3526c-66b5-4bed-9382-d844da3bcd0d</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Remove All Rows"/>

</stage>

<stage stageid="1400a70c-783a-47f8-aa8b-531144ed6d62" name="Remove Row (Teams.People)" type="

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1755</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&am

</inputs>

<onsuccess>808c305c-ce99-44b9-ab85-b60cc0e41e7c</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Remove Row"/>

</stage>

<stage stageid="57ad5b69-792b-43bd-9bcd-de2d13192289" name="Column Count Correct?" type="Decis

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>435</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Column Count] = [Expected Columns]"/>

<ontrue>9df645d1-ef52-4fda-9631-3338641d10dc</ontrue>

<onfalse>6f8771d6-7932-4d68-825c-8868d93289c8</onfalse>

```
</stage>

<stage stageid="5ec26bc0-105b-41fe-8f44-8363adcb586d" name="Row Count Correct?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>135</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Row Count] = [Expected Rows]"/>

<ontrue>572bfd2f-7d05-4d7b-b54b-08069482cdc9</ontrue>

<onfalse>9631b47d-62a2-4b37-bd6c-befad52802a2</onfalse>

</stage>

<stage stageid="6f8771d6-7932-4d68-825c-8868d93289c8" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>435</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;The counted columns were incorrect. Expected: &quot;

</stage>

<stage stageid="9631b47d-62a2-4b37-bd6c-befad52802a2" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>
```

```
<display>135</display>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;The counted rows were incorrect; Expected: &quot;

</stage>

<stage stageid="1d968095-4c16-44f0-abef-d6cedd046324" name="Row Count Correct?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<display>1845</display>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Row Count] = [Expected Rows]"/>

<ontrue>a2e28e59-8f88-43a1-81c3-ebd2c51f0098</ontrue>

<onfalse>d1eb7e52-357c-43e5-a679-dbe291c2cad2</onfalse>

</stage>

<stage stageid="d1eb7e52-357c-43e5-a679-dbe291c2cad2" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

<display>1845</display>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;The wrong ammount of rows were counted, it would see
```

```
</stage>

<stage stageid="8845fe1b-70db-405a-b362-4b486ed6336c" name="Row Count Correct?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1320</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Row Count] = [Expected Rows]"/>

<ontrue>e77c42d2-15fd-4023-a278-903e9dfe2325</ontrue>

<onfalse>80078b5f-439e-44c3-8fce-36f11c58dc60</onfalse>

</stage>

<stage stageid="80078b5f-439e-44c3-8fce-36f11c58dc60" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>1320</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;The wrong amount of rows were counts, it would seem t

</stage>

<stage stageid="04bc3603-9e37-476c-9d0b-e9d95b38d6e7" name="Count Columns" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>
```



<displayy>270</displayy>

<displaywidth>165</displaywidth>

<displayheight>240</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="3856771c-dd03-4226-b49b-d73744bb2e21" name="Count Rows" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>-30</displayy>

<displaywidth>165</displaywidth>

<displayheight>285</displayheight>

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</stage>

<stage stageid="34ca1dd3-a95c-4615-98e1-04a1cb6114e8" name="Remove Row" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>1635</displayy>

<displaywidth>165</displaywidth>

<displayheight>330</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="808c305c-ce99-44b9-ab85-b60cc0e41e7c" name="Count Rows (Teams.People)" type="A

<narrative>

</narrative>

<displayx>15</displayx>

```
<display>1800</display>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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="Row Count" />

</outputs>

<onsuccess>1d968095-4c16-44f0-abef-d6cedd046324</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows" />

</stage>

<stage stageid="a3233a81-e5e4-4d18-bc9d-fccd03113c6f" name="Count Rows (Teams.People)" type="Action" />

<narrative>

</narrative>

<displayx>15</displayx>

<display>1275</display>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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="Row Count" />

</outputs>
```

<onsuccess>8845fe1b-70db-405a-b362-4b486ed6336c</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="e8dcc7b6-2619-4d5b-b7c1-ccb617f6a96d" name="Add Row / Store In" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>1110</displayy>

<displaywidth>315</displaywidth>

<displayheight>510</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="4447308f-ea43-429f-97f8-80d9d0f0781b" name="Loops" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>-420</displayy>

<displaywidth>225</displaywidth>

<displayheight>375</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="f8c66daa-3daf-4d5e-b023-a58a802639d1" name="Remove All Rows" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>1980</displayy>

<displaywidth>165</displaywidth>

```
<displayheight>375</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="9666a125-8dc8-4691-a4bd-ba3dd7bd1b78" name="Any Rows Found?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2280</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] &gt;= 1"/>

<ontrue>30064ccf-fb16-464f-99d5-5308d5ad8dc5</ontrue>

<onfalse>f009c23a-7aee-43e7-b7ff-53f5cd39e9e2</onfalse>

</stage>

<stage stageid="30064ccf-fb16-464f-99d5-5308d5ad8dc5" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>2280</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;The collection entered the loop. That means not all of th

</stage>

<stage stageid="01a3526c-66b5-4bed-9382-d844da3bcd0d" name="People Loop" type="LoopStart">

<narrative>
```

```
</narrative>

<displayx>15</displayx>

<displayy>2145</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>fac2a3d1-4d9a-4ec3-9f73-45788c84c529</onsuccess>

<groupid>c421873f-01f6-4878-a077-a012602721ca</groupid>

<looptype>ForEach</looptype>

<loopdata>Teams.People</loopdata>

</stage>

<stage stageid="48c81f30-6982-463d-afd4-040f12c9d9c2" name="People Loop" type="LoopEnd">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2235</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>9666a125-8dc8-4691-a4bd-ba3dd7bd1b78</onsuccess>

<groupid>c421873f-01f6-4878-a077-a012602721ca</groupid>

</stage>

<stage stageid="fac2a3d1-4d9a-4ec3-9f73-45788c84c529" name="Count+" type="Calculation">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2190</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>48c81f30-6982-463d-afd4-040f12c9d9c2</onsuccess>

<calculation expression="[Count]+1" stage="Count"/>

</stage>

<stage stageid="479e8c5f-96c0-47cb-93c9-f1a254ba2211" name="End1" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>3360</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="15038934-b0e8-4103-ad5d-966cfc7a0676" name="Copy Rows(Teams.People)" type="Ac

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>645</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&amp;

<input type="number" name="Start Row" narrative="The index of the first row to copy. The index is from 0

<input type="number" name="End Row" narrative="The index of the last row to copy. The index is from 0 to
```

```
</inputs>

<outputs>

<output type="collection" name="Result" narrative="A collection which contains the rows copied from the in

</outputs>

<onsuccess>19a07502-b036-463f-b697-da747fc88db9</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Copy Rows"/>

</stage>

<stage stageid="e232967e-daca-4985-b12e-8dfa9d0f822a" name="Copied Rows" type="Collection">

<narrative>

</narrative>

<displayx>-135</displayx>

<displayy>-15</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f946ad09-02f3-437d-87c6-e041330caa04" name="Copied Row Correct?" type="Decision"

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>735</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

```
<decision expression="[Copied Rows.Name] = [Expected Name]"/>
<ontrue>86f21722-fd5a-4e58-9aa1-3be7627f6d9f</ontrue>
<onfalse>473cb271-fe81-4cc6-9bae-bcd887b92d5d</onfalse>
</stage>
<stage stageid="473cb271-fe81-4cc6-9bae-bcd887b92d5d" name="FAIL" type="Exception">
<narrative>
</narrative>
<displayx>90</displayx>
<displayy>735</displayy>
<displaywidth>30</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<exception type="Invalid Data" detail="&quot;The data was wrong, it would seem the wrong row was
</stage>
<stage stageid="77360b97-deb5-4638-839a-4c3407fca2a0" name="Copy Row" type="Block">
<narrative>
</narrative>
<displayx>-45</displayx>
<displayy>525</displayy>
<displaywidth>225</displaywidth>
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<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>
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</narrative>
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<groupid>b790261d-1401-40f6-b69e-b28277c87265</groupid>
<looptype>ForEach</looptype>
<loopdata>Teams</loopdata>
</stage>
<stage stageid="17be1ac5-c96e-4aaa-a5fc-e0e288a4bea7" name="Teams Loop" type="LoopEnd">
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<stage stageid="e77c42d2-15fd-4023-a278-903e9dfe2325" name="New Row Selected?" type="Decision">
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<onfalse>7b4238ef-8a55-444a-a335-22c6926eeb1b</onfalse>
</stage>
<stage stageid="7b4238ef-8a55-444a-a335-22c6926eeb1b" name="FAIL" type="Exception">
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</narrative>
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<exception type="Invalid Data" detail="&quot;The row is populated, it would seem like the new row wa
</stage>
<stage stageid="7f994ff3-be3d-499d-b8f7-8301695f17f3" name="Teams Loop" type="LoopStart">
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<loopdata>Teams</loopdata>
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</stage>

<stage stageid="226a7623-38a5-4d05-be1e-9c20a9b9db9c" name="Teams Loop" type="LoopEnd">

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</narrative>

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</stage>

<stage stageid="74310194-c206-4fab-a568-ff32d37d9b7f" name="Expected Rows" type="Data">

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</narrative>

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</stage>

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<calculation expression="[Expected Rows]+1" stage="Expected Rows"/>

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<loopdata>Teams</loopdata>

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<narrative>

</narrative>

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<initialvalue>0</initialvalue>

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<looptype>ForEach</looptype>

<loopdata>Teams</loopdata>

</stage>

<stage stageid="11a4e5cc-dc07-401d-a231-f56ff62e6629" name="Teams Loop" type="LoopEnd">

<narrative>

</narrative>

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</stage>

<stage stageid="19a07502-b036-463f-b697-da747fc88db9" name="Copied Loop" type="LoopStart">

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<loopdata>Copied Rows</loopdata>

</stage>

<stage stageid="805293eb-3b95-4608-bc03-d5a853e309d0" name="Copied Loop" type="LoopEnd">

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</narrative>

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</stage>

<stage stageid="64d17ec1-4ed9-47d1-b5e6-e98b2b5912f2" name="Expected Name" type="Data">

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<datatype>text</datatype>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="c110f488-1407-4993-b090-c2106e0d38de" name="Expected Name (Ben)" type="Calcula

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</narrative>

<displayx>105</displayx>

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<displayheight>30</displayheight>

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<calculation expression="&quot;Ben&quot;" stage="Expected Name"/>

</stage>

<stage stageid="e85fce6c-540d-4972-856d-82bf19b3d412" name="Expected Name (Belinda)" type="Calcul

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>915</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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</stage>

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</narrative>

<displayx>105</displayx>

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<calculation expression="&quot;Anne&quot;" stage="Expected Name"/>

</stage>

<stage stageid="86f21722-fd5a-4e58-9aa1-3be7627f6d9f" name="Count+" type="Calculation">

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<onsuccess>210840c8-b969-4ad1-9f01-c01571927437</onsuccess>

<calculation expression="[Count]+1" stage="Count"/>

</stage>

<stage stageid="210840c8-b969-4ad1-9f01-c01571927437" name="Which Name" type="ChoiceStart">

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<choices>

<choice expression="[Count]=1">
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<name>Set Ben</name>

<distance>30</distance>

<ontrue>c110f488-1407-4993-b090-c2106e0d38de</ontrue>

</choice>

<choice expression="[Count]=2">

<name>Set Anne</name>

<distance>60</distance>

<ontrue>9871d9ae-4a1e-406a-b131-157d31e1143f</ontrue>

</choice>

<choice expression="[Count]=3">

<name>Set Belinda</name>

<distance>90</distance>

<ontrue>e85fce6c-540d-4972-856d-82bf19b3d412</ontrue>

</choice>

<choice expression="[Count]=4">

<name>All Done</name>

<distance>120</distance>

<ontrue>3bb0fb85-feb8-4fab-b7e7-df057aa5654a</ontrue>

</choice>

</choices>

</stage>

<stage stageid="192fe02a-b715-46e3-a925-a30bb3908e64" name="Otherwise" type="ChoiceEnd">

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<displayy>975</displayy>

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<groupid>35ba0b67-6ceb-4704-8d09-6b0278d413cd</groupid>

</stage>

<stage stageid="429b5cd5-b383-47ef-82b8-6b7a686c0885" name="Anchor3" type="Anchor">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>855</displayy>

<displaywidth>10</displaywidth>

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<onsuccess>23c9b1ad-8251-4fc3-8f5b-0d299e79d744</onsuccess>

</stage>

<stage stageid="23c9b1ad-8251-4fc3-8f5b-0d299e79d744" name="Anchor4" type="Anchor">

<narrative>

</narrative>

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</stage>

<stage stageid="0c2f5be3-7c2e-4e7b-8bf7-27f48dafe8ac" name="Anchor5" type="Anchor">

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</narrative>

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</stage>

<stage stageid="245f94f5-fc7f-4baa-b2cf-9266febfd266" name="Anchor6" type="Anchor">

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<onsuccess>805293eb-3b95-4608-bc03-d5a853e309d0</onsuccess>

</stage>

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<narrative>

</narrative>

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</stage>

<stage stageid="c9c60bfc-7c2b-48a3-a21d-87282f5b9c6c" name="Set Expected Rows" type="Calculation">

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  </narrative>

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  <displayy>1140</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

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

  <onsuccess>73570790-a254-433a-a906-72c674a2a889</onsuccess>

  <calculation expression="3" stage="Expected Rows"/>

</stage>

<stage stageid="629e8184-032f-49ac-98cd-e5f7a0b78d09" name="Expected Rows +" type="Calculation">

  <narrative>

  </narrative>

  <displayx>15</displayx>

  <displayy>1545</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

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

  <onsuccess>17be1ac5-c96e-4aaa-a5fc-e0e288a4bea7</onsuccess>

  <calculation expression="[Expected Rows] + 1" stage="Expected Rows"/>

</stage>

<stage stageid="01cd7f4a-4374-4c5c-b6af-68c12bdb47c4" name="Teams Loop" type="LoopStart">

  <narrative>

  </narrative>

  <displayx>15</displayx>
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</stage>

<stage stageid="494de080-f4df-4597-87b4-bc2c42cac02c" name="Teams Loop" type="LoopEnd">

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</stage>

<stage stageid="7d619b66-623d-4643-b692-a06bfef53fde" name="Add Data" type="MultipleCalculation">

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</narrative>

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<steps>

<calculation expression="&quot;Matt&quot;" stage="Teams.People.Name"/>
<calculation expression="MakeDate(9, 9, 1994)" stage="Teams.People.Date"/>
<calculation expression="MakeTime(10, 11, 12)" stage="Teams.People.Time"/>
<calculation expression="False" stage="Teams.People.IsGood"/>

</steps>

</stage>

<stage stageid="d2444353-95e0-46fa-8eba-36534ee81adf" name="Data Correct?" type="Decision">

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

<decision expression="[Teams.People.Name] = &quot;Matt&quot; AND [Teams.People.Date] = M

<ontrue>629e8184-032f-49ac-98cd-e5f7a0b78d09</ontrue>

<onfalse>7a422f1b-2efd-451b-b3c3-22904a52970c</onfalse>

</stage>

<stage stageid="7a422f1b-2efd-451b-b3c3-22904a52970c" name="FAIL" type="Exception">

<narrative>

</narrative>

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<exception type="Invalid Data" detail="&quot;The data that you just put in to the new row was incorrec

</stage>

<stage stageid="17f6a7ee-cd72-4428-86c0-bc827e8b79de" name="Add Data" type="MultipleCalculation">

<narrative>

</narrative>

<displayx>165</displayx>

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<displaywidth>90</displaywidth>

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<onsuccess>35a03523-4647-4440-b9d7-65058c79addd</onsuccess>

<steps>

<calculation expression="&quot;Jane&quot;" stage="Teams.People.Name"/>

<calculation expression="MakeDate(21, 9, 1967)" stage="Teams.People.Date"/>

<calculation expression="MakeTime(1, 2, 3)" stage="Teams.People.Time"/>

<calculation expression="True" stage="Teams.People.IsGood"/>

</steps>

</stage>

<stage stageid="35a03523-4647-4440-b9d7-65058c79addd" name="Data Correct?" type="Decision">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>1500</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
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<decision expression="[Teams.People.Name] = &quot;Jane&quot; AND [Teams.People.Date] =
<ontrue>67cc5332-69fe-426b-b8d0-00f3d3793862</ontrue>
<onfalse>7970d633-6cc3-4697-9a34-d59ff61e2d16</onfalse>
</stage>
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<exception type="Invalid Data" detail="&quot;The data that you just put in to the new row was incorre
</stage>
<stage stageid="d033b4eb-8c0a-498e-be9f-15eb9c44884e" name="First Time?" type="Decision">
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<ontrue>7d619b66-623d-4643-b692-a06bfef53fde</ontrue>
<onfalse>4ce13e19-35e5-44d8-bdd2-692bb24100c8</onfalse>
</stage>
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<stage stageid="4ce13e19-35e5-44d8-bdd2-692bb24100c8" name="Anchor7" type="Anchor">

<narrative>

</narrative>

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<onsuccess>17f6a7ee-cd72-4428-86c0-bc827e8b79de</onsuccess>

</stage>

<stage stageid="67cc5332-69fe-426b-b8d0-00f3d3793862" name="Anchor8" type="Anchor">

<narrative>

</narrative>

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<displaywidth>10</displaywidth>

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<onsuccess>629e8184-032f-49ac-98cd-e5f7a0b78d09</onsuccess>

</stage>

<stage stageid="c5c6daae-cad4-46a0-8fde-25d7059541ed" name="Set Expected Rows" type="Calculation">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1665</displayy>

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<displayheight>30</displayheight>

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<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>01cd7f4a-4374-4c5c-b6af-68c12bdb47c4</onsuccess>

<calculation expression="2" stage="Expected Rows"/>

</stage>

<stage stageid="a2e28e59-8f88-43a1-81c3-ebd2c51f0098" name="Expected Rows +" type="Calculation">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1890</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>494de080-f4df-4597-87b4-bc2c42cac02c</onsuccess>

<calculation expression="[Expected Rows] + 1" stage="Expected Rows"/>

</stage>

<stage stageid="7bb689ec-9f45-4889-9b54-b33fea80a458" name="Teams Loop" type="LoopStart">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2055</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>1a163664-145f-464c-81dd-d217f925277b</onsuccess>

<groupid>a236cbca-b617-485f-8d9d-505dd8c079a2</groupid>

<looptype>ForEach</looptype>

<loopdata>Teams</loopdata>
```

```
</stage>

<stage stageid="f009c23a-7aee-43e7-b7ff-53f5cd39e9e2" name="Teams Loop" type="LoopEnd">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2325</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>4d35b9c5-3518-48f4-b80f-3d2647015d47</onsuccess>

<groupid>a236cbca-b617-485f-8d9d-505dd8c079a2</groupid>

</stage>

<stage stageid="ef32a1fc-aaf5-4825-97fd-b03fc634dd1a" name="Single Row Col" type="Collection">

<narrative>

</narrative>

<displayx>-135</displayx>

<displayy>-270</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<singlerow/>

<field name="Person" type="collection" namespace="" singlerow="1">

<field name="Name" type="text" namespace=""/>
```

```
</field>

</collectioninfo>

<initialvalue>

<singlerow/>

<singlerow/>

<row>

<field name="Person" type="collection">

<singlerow/>

<row>

<field name="Name" type="text" value="Matt"/>

</row>

</field>

</row>

</initialvalue>

</stage>

<stage stageid="2b984c0a-9a5e-4780-82a6-f225927c2932" name="Single Row (Add Row)" type="Block">

<narrative>

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<displayy>2370</displayy>

<displaywidth>225</displaywidth>

<displayheight>60</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="4d35b9c5-3518-48f4-b80f-3d2647015d47" name="Add Row (Single Row Col.Person)" type="Block">

<narrative>

</narrative>
```

```
<displayx>15</displayx>

<displayy>2400</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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>

<onsuccess>4600db93-74cb-4bb5-a1d3-46ab8562cc5a</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Add Row"/>

</stage>

<stage stageid="f39e42b9-e913-45d0-b16f-6f6c0c130b6a" name="Recover" type="Recover">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2400</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>65fdcf1b-2ee6-465a-b545-359892def9b0</onsuccess>

</stage>

<stage stageid="a89335ea-813b-432f-8eba-dc73ef9f62ae" name="Resume" type="Resume">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2505</displayy>

<displaywidth>90</displaywidth>
```

```
<displayheight>30</displayheight>

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

<onsuccess>58342635-4ba2-4890-8cac-84ebdb57d7a8</onsuccess>

</stage>

<stage stageid="65fd9c1b-2ee6-465a-b545-359892def9b0" name="Get Exception" type="Calculation">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2460</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>a89335ea-813b-432f-8eba-dc73ef9f62ae</onsuccess>

<calculation expression="ExceptionDetail()" stage="Exception"/>

</stage>

<stage stageid="58342635-4ba2-4890-8cac-84ebdb57d7a8" name="Correct Exception" type="Decision">

<narrative>

</narrative>

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<displayy>2505</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Exception]=[Expected Single Row Error]"/>

<ontrue>13986e20-31fa-4658-989f-32f4d737670b</ontrue>

<onfalse>6c3e5466-f1f7-4992-ad9a-c840860f7401</onfalse>

</stage>
```

<stage stageid="4600db93-74cb-4bb5-a1d3-46ab8562cc5a" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2460</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;A single row collection shouldn't be able to &quot;8

</stage>

<stage stageid="cee1e313-2cea-4205-81e4-8f429adc14f2" name="Exception" type="Data">

<narrative>

</narrative>

<displayx>-135</displayx>

<displayy>45</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="6c3e5466-f1f7-4992-ad9a-c840860f7401" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>15</displayx>



<displayy>2550</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;This is not the error message you are looking for. The &

</stage>

<stage stageid="13986e20-31fa-4658-989f-32f4d737670b" name="Anchor9" type="Anchor">

<narrative>

</narrative>

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<displayy>2505</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>c5c3a28f-d698-4a38-841f-10c899c3e8dc</onsuccess>

</stage>

<stage stageid="d302700f-afe9-4f43-a1bd-53072a16eb20" name="Count Rows (Single Row Col.Person)"

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>3030</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&am

</inputs>

```
<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Row Count">

</outputs>

<onsuccess>140c6735-1107-4b00-ae98-4b1b9d7e8233</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="140c6735-1107-4b00-ae98-4b1b9d7e8233" name="Row Count Correct?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>3075</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Row Count] = 1"/>

<ontrue>9dad4c26-91a0-4480-9fdd-b726cb69e97c</ontrue>

<onfalse>cf92604b-a832-4d6a-b770-d45965ecfe6f</onfalse>

</stage>

<stage stageid="cf92604b-a832-4d6a-b770-d45965ecfe6f" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>3075</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;The &quot;&quot;Single Row Collection&quot;">
```

```
</stage>

<stage stageid="9dad4c26-91a0-4480-9fdd-b726cb69e97c" name="Copy Row (Single Row Col.Person)" type="Action">

  <narrative>

  </narrative>

  <displayx>15</displayx>

  <displayy>3120</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

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

  <inputs>

    <input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&am

    <input type="number" name="Start Row" narrative="The index of the first row to copy. The index is from 0

    <input type="number" name="End Row" narrative="The index of the last row to copy. The index is from 0 to

  </inputs>

  <outputs>

    <output type="collection" name="Result" narrative="A collection which contains the rows copied from the in

  </outputs>

  <onsuccess>2e6a8c8e-381c-4645-9d24-a864e05ffd54</onsuccess>

  <resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Copy Rows"/>

</stage>

<stage stageid="2e6a8c8e-381c-4645-9d24-a864e05ffd54" name="Copied Row Correct?" type="Decision">

  <narrative>

  </narrative>

  <displayx>15</displayx>

  <displayy>3165</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>
```

```
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<decision expression="[Copied Rows.Name] = &quot;Matt&quot;" />
<ontrue>1b8b7b11-d86f-4441-878c-7b492a8b1565</ontrue>
<onfalse>c60ddc05-1f17-40ec-9baa-75069fc493e4</onfalse>
</stage>
<stage stageid="c60ddc05-1f17-40ec-9baa-75069fc493e4" name="FAIL" type="Exception">
<narrative>
</narrative>
<displayx>90</displayx>
<displayy>3165</displayy>
<displaywidth>30</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<exception type="Invalid Data" detail="&quot;The wrong data seems to have been copied. Expected:
</stage>
<stage stageid="7b50cd8b-f87d-4fd9-ba25-a035e131b11d" name="Remove Row (Single Row Col.Person
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>2610</displayy>
<displaywidth>90</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="&
</inputs>
<onsuccess>27f28ff8-2b5a-4445-8018-8d079ecc60cd</onsuccess>
```

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Remove Row"/>

</stage>

<stage stageid="198cf38e-a1a8-4bf8-ba19-51f9a2e0ec14" name="Recover" type="Recover">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2610</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>2bf1b0b7-bb95-4c1f-88a3-9b6bf8d6308d</onsuccess>

</stage>

<stage stageid="cce8572b-38b8-48b1-975c-3c39c0651250" name="Resume" type="Resume">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2715</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>903b0012-6082-47e3-ba2f-3549cca5d258</onsuccess>

</stage>

<stage stageid="2bf1b0b7-bb95-4c1f-88a3-9b6bf8d6308d" name="Get Exception" type="Calculation">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2670</displayy>

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>cce8572b-38b8-48b1-975c-3c39c0651250</onsuccess>

<calculation expression="ExceptionDetail()" stage="Exception"/>

</stage>

<stage stageid="903b0012-6082-47e3-ba2f-3549cca5d258" name="Correct Exception" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2715</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Exception]=[Expected Single Row Error]"/>

<ontrue>90f89749-5879-477f-a6fd-6b6e873c9e63</ontrue>

<onfalse>ebc472f5-3d63-4fce-8931-259f3cbb3c14</onfalse>

</stage>

<stage stageid="27f28ff8-2b5a-4445-8018-8d079ecc60cd" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2670</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;A single row collection shoul
```

```
</stage>

<stage stageid="ebc472f5-3d63-4fce-8931-259f3cbb3c14" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2760</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;This is not the error message you are looking for. The &

</stage>

<stage stageid="90f89749-5879-477f-a6fd-6b6e873c9e63" name="Anchor9" type="Anchor">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>2715</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>e611df52-fc82-42b1-9ad6-909b956e7d39</onsuccess>

</stage>

<stage stageid="e1f5f1ad-8b7c-4224-9485-b7249794b266" name="Single Row (Remove Row)" type="Blo

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>2580</displayy>

<displaywidth>225</displaywidth>
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<displayheight>60</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="c5c3a28f-d698-4a38-841f-10c899c3e8dc" name="Anchor10" type="Anchor">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>2610</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>7b50cd8b-f87d-4fd9-ba25-a035e131b11d</onsuccess>

</stage>

<stage stageid="e611df52-fc82-42b1-9ad6-909b956e7d39" name="Anchor11" type="Anchor">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>2820</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>dd97c438-2547-4d96-9f39-38628fe4923f</onsuccess>

</stage>

<stage stageid="dd97c438-2547-4d96-9f39-38628fe4923f" name="Remove All Rows (Single Row Col.Per" type="Anchor">

<narrative>

</narrative>

<displayx>15</displayx>



```
<displayy>2820</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" 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>

<onsuccess>b8538ef4-5681-46ec-8797-3b04ecb5c8e3</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Remove All Rows"/>

</stage>

<stage stageid="bbc0d64c-94cf-4ea1-98e0-d629b5598faa" name="Recover" type="Recover">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2820</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>e3569dfa-30ec-4bf9-a885-92a4b3d49e01</onsuccess>

</stage>

<stage stageid="f7e640b6-e1f8-46f6-92ec-ce13d225ef48" name="Resume" type="Resume">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>2925</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
```

```
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>7a5515be-9d16-471f-a112-66ba1843426e</onsuccess>

</stage>

<stage stageid="e3569dfa-30ec-4bf9-a885-92a4b3d49e01" name="Get Exception" type="Calculation">

<narrative>

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<displayy>2880</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>f7e640b6-e1f8-46f6-92ec-ce13d225ef48</onsuccess>

<calculation expression="ExceptionDetail()" stage="Exception"/>

</stage>

<stage stageid="7a5515be-9d16-471f-a112-66ba1843426e" name="Correct Exception" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2925</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Exception]=[Expected Single Row Error]"/>

<ontrue>2e1dd881-b998-4764-bc79-379317946b12</ontrue>

<onfalse>c5c1727d-e1da-48b3-a1f0-4e9a738c4553</onfalse>

</stage>

<stage stageid="b8538ef4-5681-46ec-8797-3b04ecb5c8e3" name="FAIL" type="Exception">
```

```
<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2880</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;A single row collection shouln't be able to &quot;&a

</stage>

<stage stageid="c5c1727d-e1da-48b3-a1f0-4e9a738c4553" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>2970</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;This is not the error message you are looking for. The &

</stage>

<stage stageid="2e1dd881-b998-4764-bc79-379317946b12" name="Anchor9" type="Anchor">

<narrative>

</narrative>

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<displayy>2925</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>0abbb8df-c84c-445e-bf56-66742518a990</onsuccess>

</stage>

<stage stageid="ed4ef566-6f9b-412f-877a-ce95b69c87ee" name="Single Row (Remove All Rows)" type="

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>2790</displayy>

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</stage>

<stage stageid="0abbb8df-c84c-445e-bf56-66742518a990" name="Anchor11" type="Anchor">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>3030</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>d302700f-afe9-4f43-a1bd-53072a16eb20</onsuccess>

</stage>

<stage stageid="9fae3964-9902-4ffa-87b3-67ae53e416c7" name="Single Row (Others)" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>3000</displayy>

<displaywidth>165</displaywidth>

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<displayheight>330</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="1b8b7b11-d86f-4441-878c-7b492a8b1565" name="Row = Matt" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>3210</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Single Row Col.Person.Name] = &quot;Matt&quot;"/>

<ontrue>149d05e9-c215-41ca-93b2-848842783e6c</ontrue>

<onfalse>96c2096d-36d5-4a59-9ac6-96f1e91fb6d5</onfalse>

</stage>

<stage stageid="149d05e9-c215-41ca-93b2-848842783e6c" name="Set Joe" type="Calculation">

<narrative>

</narrative>

<displayx>15</displayx>

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<onsuccess>68efa6cc-84cc-4e54-9b10-938f217fbab6</onsuccess>

<calculation expression="&quot;Joe&quot;" stage="Single Row Col.Person.Name"/>

</stage>

<stage stageid="96c2096d-36d5-4a59-9ac6-96f1e91fb6d5" name="FAIL" type="Exception">
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<narrative>

</narrative>

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<displayheight>30</displayheight>

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<exception type="Invalid Data" detail="&quot;The row didn't contain the expected data. Expected 'Ma

</stage>

<stage stageid="68efa6cc-84cc-4e54-9b10-938f217fbab6" name="Row = Joe" type="Decision">

<narrative>

</narrative>

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<decision expression="[Single Row Col.Person.Name] = &quot;Joe&quot;"/>

<ontrue>479e8c5f-96c0-47cb-93c9-f1a254ba2211</ontrue>

<onfalse>7712311e-7f9c-4289-bfbe-74bdd26e7289</onfalse>

</stage>

<stage stageid="ca3ced13-28c0-4594-a94a-b6a9110d484b" name="Set Count" type="Calculation">

<narrative>

</narrative>

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<displayy>2010</displayy>

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<onsuccess>7bb689ec-9f45-4889-9b54-b33fea80a458</onsuccess>

<calculation expression="0" stage="Count"/>

</stage>

<stage stageid="aab339d2-7d9b-4c0c-97a3-3829f03d0763" name="Set Count" type="Calculation">

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<onsuccess>d8a19049-3990-4e07-a2f7-c6369e042fda</onsuccess>

<calculation expression="0" stage="Count"/>

</stage>

<stage stageid="e8c9b1ce-59bb-4179-a55c-f75c80c9269b" name="Set Expected Rows" type="Calculation">

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</narrative>

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<onsuccess>7f994ff3-be3d-499d-b8f7-8301695f17f3</onsuccess>

<calculation expression="2" stage="Expected Rows"/>

</stage>
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<stage stageid="8fd6d4c1-51e3-431a-902a-762713049f02" name="Set Expected Columns" type="Calculation">
  <narrative>
  </narrative>
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  <displayy>300</displayy>
  <displaywidth>90</displaywidth>
  <displayheight>30</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
  <onsuccess>104bcf2c-ec4f-4e71-ae53-39585b1ff440</onsuccess>
  <calculation expression="4" stage="Expected Columns"/>
</stage>

<stage stageid="7712311e-7f9c-4289-bfbe-74bdd26e7289" name="FAIL" type="Exception">
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  </narrative>
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  <displayy>3300</displayy>
  <displaywidth>30</displaywidth>
  <displayheight>30</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
  <exception type="Invalid Data" detail="&quot;The row didn't contain the expected data. Expected: 'Joe'&quot;"/>
</stage>

<stage stageid="6edb89ed-d8c8-4f7a-82a9-dc438b2eee01" name="Expected Single Row Error" type="Data">
  <narrative>
  </narrative>
  <displayx>-135</displayx>
  <displayy>75</displayy>
  <displaywidth>150</displaywidth>
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<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Cannot act on a single row collection</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="df4274e9-faf0-4106-afa5-9a463c83583a" name="FAIL" type="Exception">

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</narrative>

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<displayheight>30</displayheight>

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

<exception type="Invalid Data" detail="&quot;Unexpected count found in Copy Row section: &quot;qu

</stage>

</process>

<process name="Test New Calendar" version="1.0" bpversion="6.3.0.5030" narrative="Tests a non-default

<view>

<camerax>0</camerax>

<cameray>510</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="95cc87c0-6c52-47aa-a8c1-c531a4830831" type="Normal" published="False">
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<name>Create Test Calendar</name>

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

</view>

</subsheet>

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<name>Delete Test Calendar</name>

<view>

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<cameray>0</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="e0102d8c-0ca1-4be6-b10e-1403e3281a2f" type="Normal" published="False">

<name>Test Date Range</name>

<view>

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<cameray>390</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="1ff1c077-5bda-49c9-9109-163064221853" type="Normal" published="False">

<name>Collection Contains Date</name>

<view>

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<cameray>0</cameray>

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

</view>

</subsheet>

<stage stageid="f9ee2a21-6bc2-4fc9-8b5d-5d7237a51ba7" name="Start" type="Start">

<loginhibit/>

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</stage>

<stage stageid="00dd85f9-1b4f-45e4-a3fa-ab88c7a4c939" name="End" type="End">

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<stage stageid="7a0e2041-d157-4a6a-82e0-7dd696452957" name="Stage1" type="ProcessInfo">

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<stage stageid="efb0248f-7fea-4a53-beef-794e6181dbb1" name="Collection Contains Date" type="SubSh

<subsheetsid>1ff1c077-5bda-49c9-9109-163064221853</subsheetsid>

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</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="date" name="Date" narrative="The date to search for" stage="Date"/>

<input type="collection" name="Dates" narrative="The dates to search" stage="Dates"/>

</inputs>

<onsuccess>d50ecc74-84af-453c-b9b1-17da36ec33e8</onsuccess>

</stage>

<stage stageid="3a93bf9f-f7e9-44fe-b7c3-a19921c32c74" name="End" type="End">

<subsheetid>1ff1c077-5bda-49c9-9109-163064221853</subsheetid>

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<outputs>

<output type="flag" name="Found" narrative="Flag indicating if the date was found in the collection or not"

</outputs>

</stage>

<stage stageid="456ff40d-05c2-44d8-bb4a-184b0e56b93e" name="Dates (Defined)" type="Collection">

<subsheetid>1ff1c077-5bda-49c9-9109-163064221853</subsheetid>

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</narrative>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date to check"/>

</collectioninfo>

</stage>

<stage stageid="9f78c01d-1053-449d-b1e2-3f0e6cfe107b" name="Date" type="Data">

<subsheetid>1ff1c077-5bda-49c9-9109-163064221853</subsheetid>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d50ecc74-84af-453c-b9b1-17da36ec33e8" name="For Each Date" type="LoopStart">

<subsheetid>1ff1c077-5bda-49c9-9109-163064221853</subsheetid>

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</narrative>

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<onsuccess>e1f692ed-58d6-4adb-86ff-2c858419ebd8</onsuccess>

<groupid>3f63e9a8-5c45-41d9-bc3a-501efb414256</groupid>

<looptype>ForEach</looptype>

<loopdata>Dates</loopdata>

</stage>

<stage stageid="9dcb6c97-ea7d-4771-a630-7180a919c05e" name="For Each Date" type="LoopEnd">

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<onsuccess>3a93bf9f-f7e9-44fe-b7c3-a19921c32c74</onsuccess>

<groupid>3f63e9a8-5c45-41d9-bc3a-501efb414256</groupid>

</stage>

<stage stageid="e1f692ed-58d6-4adb-86ff-2c858419ebd8" name="Match?" type="Decision">

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<decision expression="[Date] = [Dates.Date]"/>

<ontrue>45cc2a6c-9d0a-451d-9d3b-d8680a041204</ontrue>

<onfalse>9dcb6c97-ea7d-4771-a630-7180a919c05e</onfalse>

</stage>

<stage stageid="45cc2a6c-9d0a-451d-9d3b-d8680a041204" name="Found := True" type="Calculation">

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<onsuccess>3eb8fb01-3b56-4a9c-a0ba-50be12871db2</onsuccess>

<calculation expression="True" stage="Found"/>

</stage>

<stage stageid="b5faab40-bc0c-4922-9260-b90225380798" name="Found" type="Data">

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<private/>

<alwaysinit/>

</stage>

<stage stageid="3eb8fb01-3b56-4a9c-a0ba-50be12871db2" name="anchor1" type="Anchor">

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</stage>

<stage stageid="553ca7af-fc1b-4c25-afed-004175daf675" name="Calendar Name" type="Data">

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<stage stageid="47bda6d2-999e-43d5-83e4-9312eb4db536" name="Create Test Calendar" type="SubShe

<subsheetsid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetsid>

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</stage>

<stage stageid="bd259549-5cd0-4660-b392-0dc4f696cf0a" name="Delete Test Calendar" type="SubSheet">

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<narrative>

</narrative>

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<stage stageid="f77e83f0-26dc-45f2-acc0-a47505404175" name="Start" type="Start">

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<inputs>

<input type="text" name="Name" narrative="The name of the calendar to delete" stage="Name"/>

```
</inputs>

<onsuccess>8a26286c-9876-4f34-b81b-fff3a676475a</onsuccess>

</stage>

<stage stageid="8eb5f349-f89c-496b-be3c-4e8e2ebbee9b" name="End" type="End">

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</stage>

<stage stageid="31920805-6259-4f60-8815-582795c7d0f0" name="Sign In" type="Action">

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<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Username" expr="&quot;admin&quot;"/>

<input type="password" name="Password" expr="&quot;admin&quot;"/>
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</inputs>

<onsuccess>a437f0ec-e48a-4f8c-bc7a-5fe6ffd61ee7</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="e2620591-82b7-4835-a68b-cb104deffcbe" name="Start" type="Start">

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<narrative>

</narrative>

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<inputs>

<input type="text" name="Name" narrative="The name of the calendar" stage="Name"/>

<input type="collection" name="Working Week" narrative="A collection of days which should make up the v

<input type="text" name="Public Holiday Group" narrative="The public holiday group to set in this calendar

<input type="collection" name="Disabled Public Holidays" narrative="The public holidays (by label) to disab

<input type="collection" name="Other Holidays" narrative="Other holidays to set in this calendar" stage="O

</inputs>

<onsuccess>cb0fbb33-2c49-431b-9caa-6705fa6e8eed</onsuccess>

</stage>

<stage stageid="52d6f1a0-62d8-42b6-8d71-2c2ab1e41c24" name="Name" type="Data">

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</stage>

<stage stageid="81371319-f38f-4ecc-812d-59fafa96c41f" name="Working Week" type="Collection">

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<private/>

<alwaysinit/>

<collectioninfo>

<singlerow/>

<field name="Monday" type="flag"/>

<field name="Tuesday" type="flag"/>

<field name="Wednesday" type="flag"/>
```

```
<field name="Thursday" type="flag"/>
<field name="Friday" type="flag"/>
<field name="Saturday" type="flag"/>
<field name="Sunday" type="flag"/>
</collectioninfo>

<initialvalue>

<singlerow/>

<row>

<field name="Monday" type="flag" value="True"/>
<field name="Tuesday" type="flag" value="True"/>
<field name="Wednesday" type="flag" value="True"/>
<field name="Thursday" type="flag" value="True"/>
<field name="Friday" type="flag" value="True"/>
<field name="Saturday" type="flag" value="False"/>
<field name="Sunday" type="flag" value="False"/>

</row>

</initialvalue>

</stage>

<stage stageid="f31f3a26-1167-4327-af9e-22f16d1c35a5" name="Public Holiday Group" type="Data">
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<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="fcf2d2e7-d474-484b-814e-7fec731ee180" name="Disabled Public Holidays" type="Collection">

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<narrative>

</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text" description="The full name of the public holiday to disable"/>

</collectioninfo>

</stage>

<stage stageid="fbbb4968-3e1d-404c-9bbc-cb678844c4bb" name="Other Holidays" type="Collection">

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date to set into the other holidays"/>

</collectioninfo>

</stage>

<stage stageid="35368cd4-07b7-44d3-84bf-e8cc513633ca" name="Input Vars" type="Block">

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<input type="collection" name="Working Week" narrative="A collection of days which should make up the v

<input type="text" name="Public Holiday Group" narrative="The public holiday group to set in this calendar

<input type="collection" name="Disabled Public Holidays" narrative="The public holidays (by label) to disab

<input type="collection" name="Other Holidays" narrative="Other holidays to set in this calendar" expr="[Le

</inputs>

<onsuccess>756b9b95-79e9-4e50-b873-da5a1af96533</onsuccess>

<processid>95cc87c0-6c52-47aa-a8c1-c531a4830831</processid>

</stage>

<stage stageid="4ac65b87-e031-443e-b7da-e01c4609cf26" name="Six Day Week" type="Collection">

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<private/>

<alwaysinit/>

<collectioninfo>

<singlerow/>

<field name="Monday" type="flag"/>
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```
<field name="Tuesday" type="flag"/>
<field name="Wednesday" type="flag"/>
<field name="Thursday" type="flag"/>
<field name="Friday" type="flag"/>
<field name="Saturday" type="flag"/>
<field name="Sunday" type="flag"/>
</collectioninfo>
<initialvalue>
<singlerow/>
<row>
<field name="Monday" type="flag" value="True"/>
<field name="Tuesday" type="flag" value="True"/>
<field name="Wednesday" type="flag" value="True"/>
<field name="Thursday" type="flag" value="True"/>
<field name="Friday" type="flag" value="True"/>
<field name="Saturday" type="flag" value="True"/>
<field name="Sunday" type="flag" value="False"/>
</row>
</initialvalue>
</stage>
<stage stageid="0347eca4-d5ca-406f-ab43-a323b7e34d42" name="Public Holiday Group" type="Data">
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<alwaysinit/>

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<stage stageid="13771c3c-c840-4b1e-aef1-c1f9f3a65f87" name="St Andrews Day" type="Collection">

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text" description="The full name of the public holiday to disable"/>

</collectioninfo>

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<row>

<field name="Name" type="text" value="St Andrew's Day"/>

</row>

</initialvalue>
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</stage>

<stage stageid="fdef078e-978b-4cbc-89a2-e4bfa7c89e2d" name="Leap Day and Birthday" type="Collection">

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<private/>

<alwaysinit/>

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<field name="Date" type="date" description="The date to set into the other holidays"/>

</collectioninfo>

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<field name="Date" type="date" value="2012/02/29"/>

</row>

<row>

<field name="Date" type="date" value="2012/12/14"/>

</row>

</initialvalue>

</stage>

<stage stageid="f17a2ed5-fc87-4e76-ab45-4fab7d05012f" name="Test Date Range" type="SubSheetInfo">

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<stage stageid="fcb1fb16-02b7-4049-b06f-7c250f020713" name="Start" type="Start">

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<input type="date" name="From" narrative="The first date of the range" stage="From"/>

<input type="date" name="To" narrative="The last date of the range" stage="To"/>

<input type="collection" name="Expected Working Days" narrative="The days expected to be returned as v"/>

<input type="collection" name="Expected Public Holidays" narrative="The days expected to be public holid"/>

<input type="collection" name="Expected Other Holidays" narrative="The days expected to be other holid"/>

</inputs>

<onsuccess>3df76e57-5c24-45cb-961b-fd13a3add7dd</onsuccess>

</stage>

<stage stageid="7a45e021-be30-4c93-81a1-5796c5dbb153" name="From" type="Data">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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<alwaysinit/>

</stage>

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<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date which represents a working day"/>

</collectioninfo>

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<field name="Date" type="date" value="2012/01/04"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/05"/>
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</row>

<row>

<field name="Date" type="date" value="2012/01/06"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/07"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/09"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/10"/>

</row>

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<field name="Date" type="date" value="2012/01/11"/>

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<field name="Date" type="date" value="2012/01/12"/>

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</row>

<row>

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</row>

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<field name="Date" type="date" value="2012/01/28"/>

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<row>

<field name="Date" type="date" value="2012/01/30"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/31"/>

</row>

</initialvalue>

</stage>

<stage stageid="7feb6d99-c738-4325-ab8a-4e5b425047f4" name="Working Days" type="Collection">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<collectioninfo>

<field name="Date" type="date" description="A working date as defined by the specified calendar which falls on a working day" />

</collectioninfo>

</stage>

<stage stageid="65156193-c5e3-403f-b784-7d0741d4b398" name="Current" type="Data">

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<private/>

<alwaysinit/>

</stage>

<stage stageid="dee25bcc-91d4-49d6-bc5d-b671ebe91220" name="Should be Working Day" type="Data">

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<stage stageid="39036cf4-d6fa-4278-b4ce-4d8748db0f63" name="Is Working Day" type="Data">

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<stage stageid="68c7ecff-5bec-4412-95db-57a092b2acc7" name="Count" type="Data">

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="fec17349-d050-42a1-bd73-98383910db77" name="Expected Count" type="Data">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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<private/>

<alwaysinit/>

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<stage stageid="bc80f7e9-f327-4cd4-8bac-eb118f0032eb" name="Calendar Name" type="Data">
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<datatype>text</datatype>

<initialvalue xml:space="preserve">Test Calendar</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3df76e57-5c24-45cb-961b-fd13a3add7dd" name="Get Working Days In Range" type="Ac

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="First Date" narrative="The first date to consider working days from" expr="[From

```
<input type="date" name="Last Date" narrative="The last date to consider working days until" expr="[To]"/>

</inputs>

<outputs>

<output type="collection" name="Working Days" narrative="The working days which fall between the speci

</outputs>

<onsuccess>8143c6aa-847a-4b51-b776-807b86e5343e</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Get Working Days In Range"/>

</stage>

<stage stageid="8143c6aa-847a-4b51-b776-807b86e5343e" name="Matches Expected Working Days?" ty

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<decision expression="[Working Days] = [Expected Working Days]"/>

<ontrue>88f5d818-bf37-48d9-8cd3-188c3caa542f</ontrue>

<onfalse>a6ae5e6c-b42d-4fb6-a5d3-a3fcffa22f4c</onfalse>

</stage>

<stage stageid="50e29f64-b488-4053-a211-bdc8f19e3683" name="Current := From" type="Calculation">

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</narrative>
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<onsuccess>7d0f5a7b-659b-4961-98a7-f62a2bf3156d</onsuccess>

<calculation expression="[From]" stage="Current"/>

</stage>

<stage stageid="7d0f5a7b-659b-4961-98a7-f62a2bf3156d" name="Is In Expected Working Days?" type="S

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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<inputs>

<input type="date" name="Date" narrative="The date to search for" expr="[Current]"/>

<input type="collection" name="Dates" narrative="The dates to search" expr="[Expected Working Days]"/>

</inputs>

<outputs>

<output type="flag" name="Found" narrative="Flag indicating if the date was found in the collection or not"

</outputs>

<onsuccess>f81cae5f-e53f-4eff-9f01-943c82f466b2</onsuccess>

<processid>1ff1c077-5bda-49c9-9109-163064221853</processid>

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</stage>

<stage stageid="f81cae5f-e53f-4eff-9f01-943c82f466b2" name="Is Working Day" type="Action">

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="Date" narrative="The date to consider whether it is a working day or not" expr="

</inputs>

<outputs>

<output type="flag" name="Is Working Day" narrative="True to indicate the given date was a working day,

</outputs>

<onsuccess>5e214421-5568-44f2-84cc-7d510f3486ba</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Is Working Day"/>

</stage>

<stage stageid="5e214421-5568-44f2-84cc-7d510f3486ba" name="Is = Should?" type="Decision">

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<decision expression="[Should be Working Day] = [Is Working Day]"/>

<ontrue>c29c1986-f6a0-4014-bda2-1e092500a02a</ontrue>

<onfalse>12c8427b-24f7-4f9f-b289-bb1808840fe3</onfalse>

</stage>

<stage stageid="a6ae5e6c-b42d-4fb6-a5d3-a3cffa22f4c" name="FAIL" type="Exception">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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<exception type="Failed Test" detail="&quot;Expected working days does not match the working days"

</stage>

<stage stageid="12c8427b-24f7-4f9f-b289-bb1808840fe3" name="FAIL" type="Exception">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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</narrative>

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<displayheight>30</displayheight>

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<exception type="Failed Test" detail="&quot;Date: &quot; &amp; [Current] &amp; &amp; &amp;" />
</stage>

<stage stageid="c29c1986-f6a0-4014-bda2-1e092500a02a" name="Current ++" type="Calculation">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<onsuccess>4d4a7531-b5ad-4706-ad53-f667e250b06d</onsuccess>

<calculation expression="AddDays([Current], 1)" stage="Current"/>

</stage>

<stage stageid="4d4a7531-b5ad-4706-ad53-f667e250b06d" name="Current &gt; To?" type="Decision">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<decision expression="[Current] &gt; [To]"/>
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<ontrue>e47dad97-7259-42b1-94a1-8aa29f040ed6</ontrue>

<onfalse>38c3be9e-3320-4493-8ccc-3cff3df12101</onfalse>

</stage>

<stage stageid="89ba95c1-7753-4c20-9753-4cc3ae7e835c" name="Get Working Days" type="Block">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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</stage>

<stage stageid="88f5d818-bf37-48d9-8cd3-188c3caa542f" name="Count Working Days In Range" type="A

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="First Date" narrative="The first date to consider working days from" expr="[From
```

```
<input type="date" name="Last Date" narrative="The last date to consider working days until" expr="[To]"/>

</inputs>

<outputs>

<output type="number" name="Days" narrative="The number of working days found within the specified range" stage="Count Working Days In Range" expr="[Days]"/>

</outputs>

<onsuccess>22e49705-521c-4a12-93fa-26e1d8e7b530</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Count Working Days In Range"/>

</stage>

<stage stageid="22e49705-521c-4a12-93fa-26e1d8e7b530" name="Count Expected Working Days" type="Count Expected Working Days" expr="[Days]"/>

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be counted" stage="Count Rows" expr="[Collection Name]"/>

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Count Rows" expr="[Count]"/>

</outputs>

<onsuccess>163e7f0c-5208-4845-b9a9-62f0202e31f3</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

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<stage stageid="163e7f0c-5208-4845-b9a9-62f0202e31f3" name="Matches Expected Count?" type="Decision">
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  <decision expression="[Count] = [Expected Count]"/>

  <ontrue>50e29f64-b488-4053-a211-bdc8f19e3683</ontrue>

  <onfalse>ddc94c8e-20e8-4944-b874-5be6d5451298</onfalse>

</stage>

<stage stageid="ddc94c8e-20e8-4944-b874-5be6d5451298" name="FAIL" type="Exception">
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</narrative>

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  <exception type="Failed Test" detail="&quot;Expected working day count (&quot; &amp; &amp; [Expected Count] - [Actual Count] = [Difference])&quot;" />

</stage>

<stage stageid="9216dc6f-bb3b-40f2-8039-e19cf581b0a0" name="Count Working Days" type="Block">
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<stage stageid="39c5b651-8789-4dbf-a283-041a56e5b039" name="Is Working Day" type="Block">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<onsuccess>7d0f5a7b-659b-4961-98a7-f62a2bf3156d</onsuccess>

</stage>

<stage stageid="622dc7ac-7327-460a-87cd-8b80386a4a0f" name="Delete Calendar" type="Action">

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</inputs>

<outputs>

<output type="flag" name="Deleted" narrative="Flag indicating if the calendar was deleted by this action (T

</outputs>

<onsuccess>8eb5f349-f89c-496b-be3c-4e8e2ebbee9b</onsuccess>

<resource object="Blue Prism - System - System" action="Delete Calendar"/>

</stage>

<stage stageid="78c00fcc-68c7-4ae2-b86c-76db0149903c" name="Name" type="Data">

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<stage stageid="874957c7-4395-4b08-80c2-41b9639f58ab" name="Deleted" type="Data">

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<private/>

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<alwaysinit/>

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</collectioninfo>

<initialvalue>

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</row>

<row>

<field name="Date" type="date" value="2012/01/05"/>

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</initialvalue>

</stage>

<stage stageid="f533e15a-76b3-451c-8d81-fcfa9c17fe4b" name="January Tests" type="Block">

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</stage>



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</collectioninfo>

<initialvalue>

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</row>

<row>

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<field name="Date" type="date" value="2012/03/05"/>

</row>

</initialvalue>

</stage>

<stage stageid="ae7eea4a-911e-4970-b881-38fea4b046b6" name="Leap Day Tests" type="Block">

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<stage stageid="11be4269-881f-492a-acdd-2f017f27b378" name="Get Public Holidays In Range" type="A

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```
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<input type="date" name="First Date" narrative="The first date to consider public holidays from" expr="[From

<input type="date" name="Last Date" narrative="The last date to consider public holidays until" expr="[To]"

</inputs>

<outputs>

<output type="collection" name="Public Holidays" narrative="The public holidays which fall between the sp

</outputs>

<onsuccess>efb35952-9c23-4e87-ab9e-55541763ca7d</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Get Public Holidays In Range"/>

</stage>

<stage stageid="efb35952-9c23-4e87-ab9e-55541763ca7d" name="Count Public Holidays" type="Action">

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<inputs>

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</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>
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```
<onsuccess>cd36c838-322f-41b9-95da-f0ae841f4cd6</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="d55f9e71-6bc3-4350-b67f-e8ab70cf1a44" name="Counts Match?" type="Decision">

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<decision expression="[Count] = [Expected Count]"/>

<ontrue>d8260386-e0c4-4054-83dd-d7d396bd1ecd</ontrue>

<onfalse>6a475bb8-0edc-4969-a271-05def4c5ed9c</onfalse>

</stage>

<stage stageid="2be57a23-f234-42b7-8764-9059e40a1644" name="Get Other Holidays In Range" type="A

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<loginhibit/>

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<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="First Date" narrative="The first date to consider other holidays from" expr="[From

<input type="date" name="Last Date" narrative="The last date to consider other holidays until" expr="[To]"/

</inputs>

<outputs>

<output type="collection" name="Other Holidays" narrative="The other holidays which fall between the spe

</outputs>

<onsuccess>9a7c0ebf-10a6-457c-b701-36d4b3df2221</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Get Other Holidays In Range"/>

</stage>

<stage stageid="9a7c0ebf-10a6-457c-b701-36d4b3df2221" name="Count Other Holidays" type="Action">

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<inputs>

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</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>
```

```
<onsuccess>a55232ab-63fd-4f85-8e8f-2679efa43001</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="6a475bb8-0edc-4969-a271-05def4c5ed9c" name="FAIL" type="Exception">

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</stage>

<stage stageid="1db45a70-e125-48e1-9852-1d7b31c4904b" name="Get Public Holidays" type="Block">

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<stage stageid="d03b42cb-79aa-4593-8251-95c5f1484f54" name="Is Public Holiday" type="Block">

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<stage stageid="cd36c838-322f-41b9-95da-f0ae841f4cd6" name="Count Expected Public Holidays" type=

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<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Ex

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<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>
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</stage>

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<stage stageid="e00ecec-ba0e3-4bdf-9158-ec3214d29327" name="Working Data Items" type="Block">

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<stage stageid="eda93b2e-1ced-4204-ae1f-2af04fcc2244" name="Counts Match?" type="Decision">

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<decision expression="[Count] = [Expected Count]"/>

<ontrue>f65f48c7-1b1c-4f54-bb9e-53477549d85e</ontrue>

<onfalse>f1a8ba66-91e6-4158-b0ec-b42ef674acc6</onfalse>

</stage>

<stage stageid="f1a8ba66-91e6-4158-b0ec-b42ef674acc6" name="FAIL" type="Exception">

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<exception type="Failed Test" detail="&quot;Expected &quot; &quot; &quot; [Expected Count] &quot;">

</stage>

<stage stageid="a55232ab-63fd-4f85-8e8f-2679efa43001" name="Count Expected Other Holidays" type=">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Ex

</outputs>

<onsuccess>eda93b2e-1ced-4204-ae1f-2af04fcc2244</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="d8260386-e0c4-4054-83dd-d7d396bd1ecd" name="Matches Expected Public Holidays?"

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<decision expression="[Public Holidays] = [Expected Public Holidays]"/>

<ontrue>8367c27f-fd7a-456f-b3e6-55b10d4f1ef4</ontrue>

<onfalse>49956ab9-6ad7-4a81-bd69-f949651c3d6a</onfalse>

</stage>
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```
<stage stageid="49956ab9-6ad7-4a81-bd69-f949651c3d6a" name="FAIL" type="Exception">

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</narrative>

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<exception type="Failed Test" detail="&quot;Expected public holidays does not match the public holid

</stage>

<stage stageid="f65f48c7-1b1c-4f54-bb9e-53477549d85e" name="Matches Expected Other Holidays?" type="Decision">

<subsHEETid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Other Holidays] = [Expected Other Holidays]"/>

<ontrue>0224b1fa-ccb6-4229-8b43-0c444e9dc62c</ontrue>

<onfalse>c3467c20-6e2a-4f19-9f9b-9a03f9cb6bef</onfalse>

</stage>

<stage stageid="c3467c20-6e2a-4f19-9f9b-9a03f9cb6bef" name="FAIL" type="Exception">

<subsHEETid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsHEETid>
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<exception type="Failed Test" detail="&quot;Expected other holidays does not match the other holiday" />

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<stage stageid="759a0d4c-50c8-428b-9ce2-01bbfcb8e3b3" name="Delete Test Calendar" type="SubSheet">

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</narrative>

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<inputs>

<input type="text" name="Name" narrative="The name of the calendar to delete" expr="[Calendar Name]"/>

</inputs>

<onsuccess>e795093d-731d-45d5-a5a0-72f8a523d145</onsuccess>

<processid>3cc2c857-cdca-4711-b974-a4b0c6b18f27</processid>

</stage>

<stage stageid="4ceb2bbe-afa0-482b-a9a7-b839c8d72ff9" name="Test JAN" type="SubSheet">

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</narrative>

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<displayheight>60</displayheight>

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar" expr="[Calendar Name]"/>

<input type="date" name="From" narrative="The first date of the range" expr="[From-JAN]"/>

<input type="date" name="To" narrative="The last date of the range" expr="[To-JAN]"/>

<input type="collection" name="Expected Working Days" narrative="The days expected to be returned as v

<input type="collection" name="Expected Public Holidays" narrative="The days expected to be public holid

<input type="collection" name="Expected Other Holidays" narrative="The days expected to be other holid

</inputs>

<onsuccess>1eef1aa3-7e36-4c1f-8fb3-612c7c62812b</onsuccess>

<processid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</processid>

</stage>

<stage stageid="1eef1aa3-7e36-4c1f-8fb3-612c7c62812b" name="Test LEAP" type="SubSheet">

<narrative>

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<displayheight>60</displayheight>

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

<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar" expr="[Calendar Name]"/>

<input type="date" name="From" narrative="The first date of the range" expr="[From-LEAP]"/>

<input type="date" name="To" narrative="The last date of the range" expr="[To-LEAP]"/>
```

```
<input type="collection" name="Expected Working Days" narrative="The days expected to be returned as v
<input type="collection" name="Expected Public Holidays" narrative="The days expected to be public holid
<input type="collection" name="Expected Other Holidays" narrative="The days expected to be other holid
</inputs>

<onsuccess>d2155bf8-13d9-48e8-b3b9-f6d8b1742dd3</onsuccess>

<processid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</processid>

</stage>

<stage stageid="1b8e734d-c49c-4a7d-ac38-d4aac1b37696" name="Public Holidays" type="Collection">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date of the public holiday enabled on the calendar"/>

<field name="Name" type="text" description="The name of the public holiday"/>

</collectioninfo>

</stage>

<stage stageid="2a840d05-c4d5-46a1-b0c3-0556ec074648" name="Other Holidays" type="Collection">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>
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</narrative>

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<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date of the other holiday defined on the calendar"/>

</collectioninfo>

</stage>

<stage stageid="d30dc6ff-9a44-43e9-b7d2-7d1b9907a40f" name="Expected Public Holidays" type="Collection">

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</narrative>

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<datatype>collection</datatype>

<private/>
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<alwaysinit/>

<collectioninfo>

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<field name="Name" type="text" description="The name of the public holiday"/>

</collectioninfo>

</stage>

<stage stageid="a5980a87-5936-4fbf-a27e-790f4f50d8f9" name="Expected Other Holidays" type="Collection">

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</collectioninfo>

</stage>

<stage stageid="5bf681b7-57b1-4ac6-afe1-5ea11e8b8ddf" name="PublicHols-JAN" type="Collection">

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<narrative>

</narrative>
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```
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<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date of the public holiday enabled on the calendar"/>

<field name="Name" type="text" description="The name of the public holiday"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Date" type="date" value="2012/01/02"/>

<field name="Name" type="text" value="New Year's Day"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/03"/>

<field name="Name" type="text" value="Second of January"/>

</row>

</initialvalue>

</stage>

<stage stageid="495504c2-ff93-4e88-928e-66e9a8faf0d3" name="OtherHols-JAN" type="Collection">

<loginhibit/>

<narrative>

</narrative>
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</collectioninfo>
</stage>
<stage stageid="13b18daf-f823-4146-a64f-2cc506ead802" name="PublicHols-LEAP" type="Collection">
<loginhibit/>
<narrative>
</narrative>
<displayx>330</displayx>
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<alwaysinit/>
<collectioninfo>
<field name="Date" type="date" description="The date of the public holiday enabled on the calendar"/>
<field name="Name" type="text" description="The name of the public holiday"/>
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</collectioninfo>

</stage>

<stage stageid="d8aa8763-e000-4e6a-bac2-d4282f5caadc" name="OtherHols-LEAP" type="Collection">

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<alwaysinit/>

<collectioninfo>

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</collectioninfo>

<initialvalue>

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<field name="Date" type="date" value="2012/02/29"/>

</row>

</initialvalue>

</stage>

<stage stageid="a31c8b19-e41e-4097-a44d-59e2329c6f62" name="From-SPRING" type="Data">

<loginhibit/>

<narrative>

</narrative>
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<private/>

<alwaysinit/>

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<loginhibit/>

<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="f239f34a-d323-4200-8e6d-3601a7abfe62" name="Expected-SPRING" type="Collection">

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</narrative>

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<alwaysinit/>

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</collectioninfo>

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</row>

<row>

<field name="Date" type="date" value="2012/04/03"/>

</row>

<row>

<field name="Date" type="date" value="2012/04/04"/>

</row>

<row>

<field name="Date" type="date" value="2012/04/05"/>

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<row>

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<row>

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<row>

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</row>

</initialvalue>

</stage>

<stage stageid="e7cd629b-cba9-465c-a1cd-87c0ef8f9b0c" name="Easter / Spring Tests" type="Block">

<loginhibit/>

<narrative>

</narrative>

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<stage stageid="1034891f-4d7e-4771-b18f-789d71eb026c" name="PublicHols-SPRING" type="Collection">

<loginhibit/>

<narrative>Note - NOT Easter Monday - not a public holiday in Scotland</narrative>

<displayx>165</displayx>

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<displaywidth>120</displaywidth>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date of the public holiday enabled on the calendar"/>

<field name="Name" type="text" description="The name of the public holiday"/>

</collectioninfo>

<initialvalue>

<row>

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<field name="Name" type="text" value="Good Friday"/>

</row>

<row>

<field name="Date" type="date" value="2012/05/07"/>

<field name="Name" type="text" value="Early May Bank Holiday"/>

</row>

<row>

<field name="Date" type="date" value="2012/05/28"/>

<field name="Name" type="text" value="Spring Bank Holiday"/>

</row>

</initialvalue>

</stage>

<stage stageid="913cdb2e-5043-4794-a660-c45b3d1c09bc" name="OtherHols-SPRING" type="Collection

<loginhibit/>

<narrative>

</narrative>

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<private/>

<alwaysinit/>

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<field name="Date" type="date" description="The date of the other holiday defined on the calendar"/>
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</collectioninfo>

</stage>

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<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="db70fee1-0d1c-4b6c-b1f2-d7fb4291ea32" name="To-NOV" type="Data">

<loginhibit/>

<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

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<loginhibit/>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Date" type="date" description="The date which represents a working day"/>

</collectioninfo>

<initialvalue>

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<field name="Date" type="date" value="2012/11/29"/>

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</row>

<row>

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</row>

<row>

<field name="Date" type="date" value="2012/12/03"/>

</row>

<row>

<field name="Date" type="date" value="2012/12/04"/>

</row>

<row>

<field name="Date" type="date" value="2012/12/05"/>

</row>

</initialvalue>

</stage>

<stage stageid="9aa80caa-262b-4b27-a52f-7759b42a6e02" name="November Test" type="Block">

<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="6de50fd7-5b1a-4e83-ad8a-3e2495190be9" name="PublicHols-NOV" type="Collection">

<loginhibit/>
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<narrative>Note that St Andrews' Day is disabled so should not appear here</narrative>

<displayx>330</displayx>

<displayy>90</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<collectioninfo>

<field name="Date" type="date" description="The date of the public holiday enabled on the calendar"/>

<field name="Name" type="text" description="The name of the public holiday"/>

</collectioninfo>

</stage>

<stage stageid="9d64f40d-75ec-4960-8573-a6d8cc9e39cc" name="OtherHols-NOV" type="Collection">

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</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

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</collectioninfo>

</stage>

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<inputs>

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<input type="date" name="From" narrative="The first date of the range" expr="[From-SPRING]"/>

<input type="date" name="To" narrative="The last date of the range" expr="[To-SPRING]"/>

<input type="collection" name="Expected Working Days" narrative="The days expected to be returned as v

<input type="collection" name="Expected Public Holidays" narrative="The days expected to be public holid

<input type="collection" name="Expected Other Holidays" narrative="The days expected to be other holid

</inputs>

<onsuccess>d6665b27-5ba1-4fb3-afbf-d2e8bfb48cd9</onsuccess>

<processid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</processid>

</stage>

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</narrative>

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<input type="date" name="To" narrative="The last date of the range" expr="[To-NOV]"/>

<input type="collection" name="Expected Working Days" narrative="The days expected to be returned as v

<input type="collection" name="Expected Public Holidays" narrative="The days expected to be public holid

<input type="collection" name="Expected Other Holidays" narrative="The days expected to be other holid

</inputs>

<onsuccess>8545b5d4-69f3-4149-bf09-65c64c1dc7e4</onsuccess>

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</stage>

<stage stageid="8367c27f-fd7a-456f-b3e6-55b10d4f1ef4" name="For Each Expected Public Holiday" type=

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<looptype>ForEach</looptype>
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<loopdata>Expected Public Holidays</loopdata>

</stage>

<stage stageid="a65bf56d-5a53-4531-ba99-825a375d2f12" name="Next Expected Public Holiday" type="L

<subsHEETid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsHEETid>

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</stage>

<stage stageid="93a636ca-b717-4559-9bb0-5643b02571bd" name="Is Public Holiday" type="Action">

<subsHEETid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsHEETid>

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

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<input type="date" name="Date" narrative="The date to check" expr="[Expected Public Holidays.Date]"/>

</inputs>

<outputs>

<output type="flag" name="Is Public Holiday" narrative="True to indicate that the given date falls on a public holiday"/>

<output type="text" name="Name" narrative="If date is a public holiday, this contains the label of that public holiday"/>

</outputs>

<onsuccess>0078638a-7e48-4480-98ae-309737db2f06</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Is Public Holiday"/>

</stage>

<stage stageid="88dc8d28-6f67-4c03-ab1d-b0e471c2914d" name="Is Public Holiday" type="Data">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<decision expression="[Is Public Holiday]"/>

<ontrue>5f1eb882-6563-46ad-915e-4a89ec15685f</ontrue>

<onfalse>a763da3c-08a2-4dfb-bf4b-94393573e893</onfalse>

</stage>

<stage stageid="5f1eb882-6563-46ad-915e-4a89ec15685f" name="Action agrees on name too?" type="De

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<decision expression="[Expected Public Holidays.Name] = [Public Holiday Name]"/>

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<onfalse>8a50e022-a317-4511-ba1c-455956b8cf7a</onfalse>

</stage>

<stage stageid="a763da3c-08a2-4dfb-bf4b-94393573e893" name="FAIL" type="Exception">

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<exception type="Failed Test" detail="&quot;Public holiday '&quot; &amp; [Expected Public

</stage>

<stage stageid="8a50e022-a317-4511-ba1c-455956b8cf7a" name="FAIL" type="Exception">

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<exception type="Failed Test" detail="&quot;Public holiday on &quot; &amp; [Expected Pub

</stage>

<stage stageid="1b51ab93-a473-4641-89c0-503b5da33066" name="Get Other Holidays" type="Block">

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

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</stage>

<stage stageid="0224b1fa-ccb6-4229-8b43-0c444e9dc62c" name="For Each Expected Other Holiday" typ

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<groupid>6c6df4a9-d06a-499d-8fbb-cffc3a730fde</groupid>

<looptype>ForEach</looptype>

<loopdata>Expected Other Holidays</loopdata>

</stage>

<stage stageid="1b6b1752-9090-4bc8-846f-087c47264c20" name="Next Expected Other Holiday" type="L

<subsheetsid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetsid>

<loginhibit/>

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="Date" narrative="The date to check" expr="[Expected Other Holidays.Date]"/>

</inputs>

<outputs>

<output type="flag" name="Is Other Holiday" narrative="True to indicate that the given date falls on an othe

</outputs>

<onsuccess>73738cdb-6dc5-4540-87a3-481b5b180ce5</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Is Other Holiday"/>

</stage>

<stage stageid="73738cdb-6dc5-4540-87a3-481b5b180ce5" name="Action agrees?" type="Decision">

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<narrative>

</narrative>

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<onfalse>3dc50dc8-8fa5-4347-8d68-5dd21d0c58be</onfalse>

</stage>
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<stage stageid="3dc50dc8-8fa5-4347-8d68-5dd21d0c58be" name="FAIL" type="Exception">
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<exception type="Failed Test" detail="&quot;An 'Other Holiday' should occur on &quot; &am
</stage>

<stage stageid="f1082f89-e19c-45dc-b6d7-c7e638eaf3fb" name="Is Other Holiday" type="Data">
<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<loginhibit/>

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</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="aa026d76-9641-48a4-b48e-75cd08215fc1" name="Is Other Holiday" type="Block">
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<stage stageid="ee7b9f63-ca04-4c2e-8ad5-a4d7ac35f5ca" name="Note1" type="Note">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<narrative>Public Holidays</narrative>

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<narrative>Other Holidays</narrative>

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</stage>
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<narrative>Weekends</narrative>

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<onsuccess>ab621963-667c-4783-bd8c-35a5f25520bb</onsuccess>

</stage>

<stage stageid="1bee6206-401a-4156-8f86-fc275d334c8b" name="Is Weekend" type="Block">

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<stage stageid="ab621963-667c-4783-bd8c-35a5f25520bb" name="Current := From" type="Calculation">

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<onsuccess>f180981f-ca11-4a57-aeb7-59324b1eba45</onsuccess>

<calculation expression="[From]" stage="Current"/>

</stage>

<stage stageid="f180981f-ca11-4a57-aeb7-59324b1eba45" name="Is In Expected Working Days?" type="

<subsHEETid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsHEETid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>



```
<input type="date" name="Date" narrative="The date to search for" expr="[Current]"/>
<input type="collection" name="Dates" narrative="The dates to search" expr="[Expected Working Days]"/>
</inputs>

<outputs>

<output type="flag" name="Found" narrative="Flag indicating if the date was found in the collection or not"

</outputs>

<onsuccess>781edcaa-d14a-49b1-b91d-bf32b550e973</onsuccess>

<processid>1ff1c077-5bda-49c9-9109-163064221853</processid>

</stage>

<stage stageid="f946462a-12b1-49a4-8f89-ace4b433e6ac" name="Is Weekend" type="Action">

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="Date" narrative="The date to check" expr="[Current]"/>

</inputs>

<outputs>

<output type="flag" name="Is Weekend" narrative="True to indicate that the given date falls outside the wo

</outputs>

<onsuccess>967d288d-e13c-4f01-8713-24a3c1e64dfc</onsuccess>
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```
<resource object="clsCalendarsBusinessObject" action="Is Weekend"/>

</stage>

<stage stageid="369abeb7-f3ca-47ff-b72b-a1e82ca7202b" name="Current ++" type="Calculation">

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<calculation expression="AddDays([Current], 1)" stage="Current"/>

</stage>

<stage stageid="f4b21ab5-95b3-4f79-b9f0-cf42facf6b66" name="Current &gt; To?" type="Decision">

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<decision expression="[Current] &gt; [To]"/>

<ontrue>37efd3bc-c691-4db3-a67a-8b7250c65a84</ontrue>
```

<onfalse>72f6dff1-1d50-4fff-83ee-b7f4396fd5ba</onfalse>

</stage>

<stage stageid="72f6dff1-1d50-4fff-83ee-b7f4396fd5ba" name="anchor2" type="Anchor">

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<loginhibit/>

<narrative>

</narrative>

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<onsuccess>a6af7004-1291-4a6a-8a06-d11b3d27b3a7</onsuccess>

</stage>

<stage stageid="a6af7004-1291-4a6a-8a06-d11b3d27b3a7" name="anchor3" type="Anchor">

<subsHEETid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsHEETid>

<loginhibit/>

<narrative>

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<onsuccess>f180981f-ca11-4a57-aeb7-59324b1eba45</onsuccess>

</stage>

<stage stageid="81e39dde-24e3-416a-97fb-5a7bda9f7b0d" name="Dates" type="Collection">

<subsheetid>1ff1c077-5bda-49c9-9109-163064221853</subsheetid>

<narrative>

</narrative>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="781edcaa-d14a-49b1-b91d-bf32b550e973" name="Is In Expected Public Holidays?" type="

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<loginhibit/>

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</narrative>

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<inputs>

<input type="date" name="Date" narrative="The date to search for" expr="[Current]"/>

<input type="collection" name="Dates" narrative="The dates to search" expr="[Expected Public Holidays]"/>

</inputs>

<outputs>

```
<output type="flag" name="Found" narrative="Flag indicating if the date was found in the collection or not"
</outputs>

<onsuccess>7d06865e-d81b-49c2-b126-b13f3d63ab1e</onsuccess>

<processid>1ff1c077-5bda-49c9-9109-163064221853</processid>

</stage>

<stage stageid="7d06865e-d81b-49c2-b126-b13f3d63ab1e" name="Is In Expected Other Holidays?" type="
<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="date" name="Date" narrative="The date to search for" expr="[Current]"/>

<input type="collection" name="Dates" narrative="The dates to search" expr="[Expected Other Holidays]"/>

</inputs>

<outputs>

<output type="flag" name="Found" narrative="Flag indicating if the date was found in the collection or not"
</outputs>

<onsuccess>f946462a-12b1-49a4-8f89-ace4b433e6ac</onsuccess>

<processid>1ff1c077-5bda-49c9-9109-163064221853</processid>

</stage>

<stage stageid="a96453ad-c366-4fa4-bab3-fe70fadb33d7" name="Is Expected Other Holiday" type="Data
<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>
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<loginhibit/>

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</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="06b6a01c-cc9f-4bd6-9efb-c8013c330ad6" name="Is Expected Public Holiday" type="Data

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<private/>

<alwaysinit/>

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</stage>

<stage stageid="f0709f6d-6759-4d2e-a2b3-fee665de8dd" name="Is Expected Working Day" type="Data"

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="79a1a446-3f97-40f5-b3dc-fa63a2231f00" name="Is Weekend" type="Data">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="967d288d-e13c-4f01-8713-24a3c1e64dfc" name="Correct?" type="Decision">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<loginhibit/>

<narrative>Correct if 'Is Weekend' returns true and it is not a working day -or- if 'Is Weekend' returns false

<displayx>255</displayx>

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<decision expression="([Is Weekend] AND [Is Expected Working Day] = False) OR ([Is Weekend] = False

<ontrue>369abeb7-f3ca-47ff-b72b-a1e82ca7202b</ontrue>

<onfalse>f242ce0e-5703-49b1-983f-1d48eae27064</onfalse>

</stage>

<stage stageid="f242ce0e-5703-49b1-983f-1d48eae27064" name="FAIL" type="Exception">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<exception type="Failed Test" detail="&quot;'Is Weekend' is wrong for the date: &quot; &am
```



```
</stage>

<stage stageid="272b02bc-ab94-419e-a768-72042f6e94b0" name="Note3" type="Note">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

<loginhibit/>

<narrative>Note: This isn't an exhaustive test - we can't test that (say) 29/02 correctly returns false for "Is V

<displayx>255</displayx>

<displayy>-195</displayy>

<displaywidth>240</displaywidth>

<displayheight>60</displayheight>

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</stage>

<stage stageid="37efd3bc-c691-4db3-a67a-8b7250c65a84" name="anchor2" type="Anchor">

<subsheetid>e0102d8c-0ca1-4be6-b10e-1403e3281a2f</subsheetid>

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<stage stageid="e5d321c8-f35d-41ca-9186-74cc48421382" name="anchor2" type="Anchor">

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</stage>

<stage stageid="5f16d4ff-c157-4623-a7be-c5ab1510e442" name="Add Working Day Tests" type="Collecti

<loginhibit/>

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<datatype>collection</datatype>

<private/>

<collectioninfo>

<field name="Date" type="date" description="The date to add working days to"/>

<field name="Days" type="number" description="The number of working days to add"/>

<field name="Expected Result" type="date" description="The expected result from Add Working Days"/>

</collectioninfo>

<initialvalue>

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<field name="Date" type="date" value="2012/01/01"/>
```

<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2012/01/04"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/01"/>

<field name="Days" type="number" value="-1"/>

<field name="Expected Result" type="date" value="2011/12/31"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/02"/>

<field name="Days" type="number" value="0"/>

<field name="Expected Result" type="date" value="2012/01/02"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/03"/>

<field name="Days" type="number" value="-1"/>

<field name="Expected Result" type="date" value="2011/12/31"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/03"/>

<field name="Days" type="number" value="0"/>

<field name="Expected Result" type="date" value="2012/01/03"/>

</row>

<row>

<field name="Date" type="date" value="2011/12/30"/>

<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2011/12/31"/>

</row>

<row>

<field name="Date" type="date" value="2011/12/31"/>

<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2012/01/04"/>

</row>

<row>

<field name="Date" type="date" value="2011/12/30"/>

<field name="Days" type="number" value="2"/>

<field name="Expected Result" type="date" value="2012/01/04"/>

</row>

<row>

<field name="Date" type="date" value="2012/01/04"/>

<field name="Days" type="number" value="-1"/>

<field name="Expected Result" type="date" value="2011/12/31"/>

</row>

<row>

<field name="Date" type="date" value="2012/02/28"/>

<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2012/03/01"/>

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<field name="Days" type="number" value="2"/>

<field name="Expected Result" type="date" value="2012/03/02"/>

</row>

<row>

<field name="Date" type="date" value="2012/02/28"/>  
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<field name="Expected Result" type="date" value="2012/03/03"/>  
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<field name="Date" type="date" value="2012/02/28"/>  
<field name="Days" type="number" value="4"/>  
<field name="Expected Result" type="date" value="2012/03/05"/>  
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<row>  
<field name="Date" type="date" value="2012/04/05"/>  
<field name="Days" type="number" value="1"/>  
<field name="Expected Result" type="date" value="2012/04/07"/>  
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<row>  
<field name="Date" type="date" value="2012/04/05"/>  
<field name="Days" type="number" value="2"/>  
<field name="Expected Result" type="date" value="2012/04/09"/>  
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<row>  
<field name="Date" type="date" value="2012/04/02"/>  
<field name="Days" type="number" value="5"/>  
<field name="Expected Result" type="date" value="2012/04/09"/>  
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<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2012/11/30"/>

</row>

<row>

<field name="Date" type="date" value="2012/11/30"/>

<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2012/12/01"/>

</row>

<row>

<field name="Date" type="date" value="2012/12/01"/>

<field name="Days" type="number" value="1"/>

<field name="Expected Result" type="date" value="2012/12/03"/>

</row>

<row>

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<field name="Days" type="number" value="3"/>

<field name="Expected Result" type="date" value="2012/12/03"/>

</row>

<row>

<field name="Date" type="date" value="2012/12/22"/>

<field name="Days" type="number" value="15"/>

<field name="Expected Result" type="date" value="2013/01/14"/>

</row>

</initialvalue>

<noalwaysinit/>

</stage>

<stage stageid="8545b5d4-69f3-4149-bf09-65c64c1dc7e4" name="For Each Add Working Day Test" type="

<loginhibit/>

<narrative>

</narrative>

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<onsuccess>18c47ed2-6986-4259-805a-10ab38c5f700</onsuccess>

<groupid>2ce1415a-2538-4e0b-8536-8f9b04e16340</groupid>

<looptype>ForEach</looptype>

<loopdata>Add Working Day Tests</loopdata>

</stage>

<stage stageid="b20886b9-ed78-47b3-b14a-f01519abbc62" name="Next Add Working Day Test" type="Lo

<loginhibit/>

<narrative>

</narrative>

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<onsuccess>759a0d4c-50c8-428b-9ce2-01bbfcb8e3b3</onsuccess>

<groupid>2ce1415a-2538-4e0b-8536-8f9b04e16340</groupid>

</stage>

<stage stageid="18c47ed2-6986-4259-805a-10ab38c5f700" name="Add Days" type="Action">

<loginhibit/>

<narrative>

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</narrative>

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<inputs>

<input type="text" name="Calendar Name" narrative="The name of the calendar defined in System Manag

<input type="date" name="Date" narrative="The date to which the number of working days should be adde

<input type="number" name="Days" narrative="The number of days to be added. Note that a value of zero

</inputs>

<outputs>

<output type="date" name="Result Date" narrative="The date with the specified number of days added to i

</outputs>

<onsuccess>ed4b15c3-9c74-4514-b56a-a08c1bfd3bb3</onsuccess>

<resource object="clsCalendarsBusinessObject" action="Add Working Days"/>

</stage>

<stage stageid="ed4b15c3-9c74-4514-b56a-a08c1bfd3bb3" name="Matches Expected Result?" type="De

<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<decision expression="[Result Date] = [Add Working Day Tests.Expected Result]"/>
```



```
<ontrue>b20886b9-ed78-47b3-b14a-f01519abbc62</ontrue>

<onfalse>873fcfc6-5aea-4092-b776-1506fac09d5a</onfalse>

</stage>

<stage stageid="873fcfc6-5aea-4092-b776-1506fac09d5a" name="FAIL" type="Exception">

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<exception type="Failed Test" detail="&quot;AddWorkingDays('&quot; &amp;&amp; [Add Working

</stage>

<stage stageid="896fd9dd-dbd9-4171-8da7-01ab405bb30f" name="Result Date" type="Data">

<loginhibit/>

<narrative>

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<datatype>date</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>
```

```
<stage stageid="756b9b95-79e9-4e50-b873-da5a1af96533" name="Pause" type="Action">

<narrative>The calendars update every 10 seconds - ensure they are updated before continuing.</narrative>

<displayx>15</displayx>

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<inputs>

<input type="number" name="Duration (Seconds)" expr="11"/>

</inputs>

<onsuccess>4ceb2bbe-afa0-482b-a9a7-b839c8d72ff9</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Pause"/>

</stage>

<stage stageid="e795093d-731d-45d5-a5a0-72f8a523d145" name="Exit Application" type="Action">

<narrative>

</narrative>

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<onsuccess>00dd85f9-1b4f-45e4-a3fa-ab88c7a4c939</onsuccess>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

<stage stageid="edf99058-77eb-45c7-8b81-72eb010d94a4" name="Click Calendar" type="Action">

<subsheetid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetid>

<narrative>
```

```
</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Tree Name" narrative="Name of the tree to be extended." expr="&quot;Sys

<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;Ca

<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>af6a59e7-1ae4-461e-9ed8-dfe83ad3b447</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="86e97e41-f3ab-4e22-9266-3ec285e85782" name="Go to System" type="Action">

<subsheetsid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetsid>

<narrative>

</narrative>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;"/>
```

```
</inputs>

<onsuccess>edf99058-77eb-45c7-8b81-72eb010d94a4</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="a437f0ec-e48a-4f8c-bc7a-5fe6ffd61ee7" name="Go to Home" type="Action">

<subsheetsid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetsid>

<narrative>

</narrative>

<displayx>-30</displayx>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Home&quot;" />

</inputs>

<onsuccess>86e97e41-f3ab-4e22-9266-3ec285e85782</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="af6a59e7-1ae4-461e-9ed8-dfe83ad3b447" name="Set Calendar" type="Action">

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<loginhibit/>

<narrative>

</narrative>

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<displaywidth>90</displaywidth>
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<inputs>

<input type="text" name="Name" narrative="The name of the calendar" expr="[Name]"/>

<input type="flag" name="Create If Missing" narrative="Flag to indicate if the calendar should be created if">

</inputs>

<onsuccess>a4b297cd-f1f8-4764-b7dc-33088573f5b4</onsuccess>

<resource object="Blue Prism - System - System" action="Select Calendar"/>

</stage>

<stage stageid="a4b297cd-f1f8-4764-b7dc-33088573f5b4" name="Set Calendar" type="Action">

<subsheetid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetid>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Name" narrative="The name of the calendar" expr="[Name]"/>

<input type="collection" name="Working Week" narrative="A collection of days which should make up the v">

<input type="text" name="Public Holiday Group" narrative="The public holiday group to set in this calendar">

<input type="collection" name="Disabled Public Holidays" narrative="The public holidays (by label) to disab">

<input type="collection" name="Other Holidays" narrative="Other holidays to set in this calendar" expr="[O">

</inputs>

<onsuccess>48bb1251-c076-435a-acb3-ec8fa08af667</onsuccess>
```

```
<resource object="Blue Prism - System - System" action="Set Calendar"/>

</stage>

<stage stageid="c7be85da-edb2-4090-afd1-91817fafcc78" name="Click Calendar" type="Action">

<subsheetid>3cc2c857-cdca-4711-b974-a4b0c6b18f27</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>90</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;Sys

<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;Cal

<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>9bd0d4e1-0cd8-45cf-8517-511d0682817b</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="6511c7c5-de78-448c-bdda-07cc6b32a11f" name="Go to System" type="Action">

<subsheetid>3cc2c857-cdca-4711-b974-a4b0c6b18f27</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-45</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;" />

</inputs>

<onsuccess>c7be85da-edb2-4090-afd1-91817fafcc78</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="8a26286c-9876-4f34-b81b-fff3a676475a" name="Go to Home" type="Action">

<subsheetid>3cc2c857-cdca-4711-b974-a4b0c6b18f27</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Home&quot;" />

</inputs>

<onsuccess>6511c7c5-de78-448c-bdda-07cc6b32a11f</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="9bd0d4e1-0cd8-45cf-8517-511d0682817b" name="Set Calendar" type="Action">

<subsheetid>3cc2c857-cdca-4711-b974-a4b0c6b18f27</subsheetid>

<loginhibit/>
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<narrative>

</narrative>

<displayx>15</displayx>

<displayy>45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the calendar" expr="[Name]"/>

<input type="flag" name="Create If Missing" narrative="Flag to indicate if the calendar should be created if

</inputs>

<onsuccess>622dc7ac-7327-460a-87cd-8b80386a4a0f</onsuccess>

<resource object="Blue Prism - System - System" action="Select Calendar"/>

</stage>

<stage stageid="cb0fbb33-2c49-431b-9caa-6705fa6e8eed" name="Launch Blue Prism" type="Action">

<subsheetsid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetsid>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>-75</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<outputs>

<output type="number" name="pid" narrative="PID of the process" stage="pid"/>

</outputs>

<onsuccess>d4db212d-d972-4c7a-84e8-67d04aa110e6</onsuccess>



<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="d4db212d-d972-4c7a-84e8-67d04aa110e6" name="Attach System" type="Action">

<subsheetsid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetsid>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>-30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="number" name="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>31920805-6259-4f60-8815-582795c7d0f0</onsuccess>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="2f13fd86-7053-4382-980d-2092a83b3f9a" name="pid" type="Data">

<subsheetsid>95cc87c0-6c52-47aa-a8c1-c531a4830831</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>135</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

</process>

<process name="Test Object Default Stage Logging Levels" version="1.0" bpversion="6.8.0.20646" narrati

<view>

<camerax>15</camerax>

<cameray>-668</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="cc8f4100-fb6e-48b9-bd6b-946ed947e5da" type="Normal" published="False">

<name>Object</name>

<view>

<camerax>0</camerax>

<cameray>177</cameray>

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

</view>

</subsheet>

<stage stageid="28a0c348-1536-48ea-a48f-9c4b2c32e1d2" name="Start" type="Start">

<display x="15" y="-870"/>

<onsuccess>eff220dc-4d11-4d6f-b136-4e734d6f0226</onsuccess>

</stage>

<stage stageid="c1ed97a7-b8c8-4037-8a2d-5efe5d812816" name="End" type="End">

<display x="15" y="-510"/>

</stage>

<stage stageid="871f0451-6649-4583-b4fc-c9eba32a8c26" name="Stage1" type="ProcessInfo">

<display x="-120" y="-840" w="150" h="90"/>

</stage>

<stage stageid="f1572e72-3df2-4309-a576-7d5a628e2b01" name="PID" type="Data">

<display x="-120" y="-750" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3f625693-d3f8-4cc2-9f5c-13f69f03665d" name="Sign Out" type="Action">

<display x="15" y="-600" w="90" h="30"/>

<onsuccess>336bdbd0-1054-4b45-a5e4-879c908830d6</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="336bdbd0-1054-4b45-a5e4-879c908830d6" name="Exit Application" type="Action">

<display x="15" y="-555" w="90" h="30"/>

<onsuccess>c1ed97a7-b8c8-4037-8a2d-5efe5d812816</onsuccess>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

<stage stageid="b353f3ca-9e54-458e-811f-e75d415c9242" name="Local Variables" type="Block">

<display x="-195" y="-780" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="508a5a6f-417e-4602-a2e2-fd0a48f7a97c" name="Object" type="SubSheetInfo">

<subsheetsid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetsid>

<display x="-120" y="-120" w="150" h="90"/>

</stage>

<stage stageid="c607cfc7-852a-470b-be7c-eaf06c68c8a0" name="Object" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="15" y="-645" w="90" h="30"/>

<onsuccess>3f625693-d3f8-4cc2-9f5c-13f69f03665d</onsuccess>

<processid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</processid>

</stage>

<stage stageid="6ecbeaf3-a15e-42ae-bd3a-bc2a24838033" name="Start" type="Start">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<display x="15" y="-150"/>

<onsuccess>9019383e-8e2a-4a76-9b19-d7b9ea0cb272</onsuccess>

</stage>

<stage stageid="76334580-ea7a-4c4c-9890-6663d7e30c52" name="End" type="End">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<display x="15" y="435"/>

</stage>

<stage stageid="0401eacf-07ec-45d2-a4b3-a8acf9087086" name="Local Variables" type="Block">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<display x="-195" y="15" w="150" h="120"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="20a6c15c-7ac3-49a4-bca0-e078418ce88d" name="Get Start Bounds" type="Action">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<loginhibit/>

<display x="15" y="-60" w="90" h="30"/>

<inputs>

```
<input type="text" name="Page Name" narrative="Name of the page in which the element resides." expr="" />

</inputs>

<outputs>

<output type="collection" name="Bounds" narrative="Bounds of the Start stage on screen." stage="Start B...

</outputs>

<onsuccess>cc256b36-ff93-44c9-9382-dac3eb5e7df6</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Get Start Stage Bo...

</stage>

<stage stageid="1169db93-7085-4606-aaa2-3aab091e6dfd" name="Add Stage" type="Action">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<loginhibit/>

<display x="15" y="75" w="90" h="30"/>

<inputs>

<input type="text" name="Stage Type" narrative="Type of Stage to add." expr="[Stages.Type]"/>

<input type="number" name="X Coordinate" narrative="Coordinates of X axis. Positive values are to the right of the origin." />

<input type="number" name="Y Coordinate" narrative="Coordinates of Y axis. Positive values are further down the page." />

<input type="text" name="New Page Name" friendlyname="New Page Name" narrative="If you are creating a new page, enter the name here." />

</inputs>

<onsuccess>4c0f6089-71c6-4159-89c4-1adf62a70b75</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Add Stage to Development Environment" />

</stage>

<stage stageid="4c0f6089-71c6-4159-89c4-1adf62a70b75" name="Open Properties" type="Action">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<loginhibit/>

<display x="15" y="120" w="90" h="30"/>

<onsuccess>c8412b90-2739-41b7-bc20-8b0666d5ba4f</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Open Properties For Stage">
```

</stage>

<stage stageid="4a6969ce-6525-43d0-9d5e-1b34b25ffc58" name="Close Object" type="Action">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<display x="15" y="390" w="90" h="30"/>

<onsuccess>76334580-ea7a-4c4c-9890-6663d7e30c52</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Close All Child Windows"/>

</stage>

<stage stageid="0cd14e53-c868-4c9f-a681-151d27abee4b" name="Start Bounds" type="Collection">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<display x="-120" y="75" w="120" h="30"/>

<datatype>collection</datatype>

<alwaysinit/>

<collectioninfo>

<field name="Top" type="number"/>

<field name="Bottom" type="number"/>

<field name="Right" type="number"/>

<field name="Left" type="number"/>

<field name="Height" type="number"/>

<field name="Width" type="number"/>

</collectioninfo>

</stage>

<stage stageid="cc256b36-ff93-44c9-9382-dac3eb5e7df6" name="Find Y" type="Calculation">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="-15" w="90" h="30"/>

<onsuccess>97754a71-aa6f-4be3-8399-6e89222e98d8</onsuccess>

<calculation expression="([Start Bounds.Bottom]-([Start Bounds.Height]/2))+18" stage="Y"/>

</stage>

<stage stageid="c044de85-a9b3-42d5-a83b-eccb8fac45ae" name="Y" type="Data">

<subsheetsid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetsid>

<display x="-120" y="45" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="17be8e32-b7fa-490b-99b4-39a422a6d7a3" name="Stages" type="Collection">

<subsheetsid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetsid>

<display x="-120" y="-30" w="120" h="30"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Type" type="text"/>

<field name="Logging Level" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Type" type="text" value="Process"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Action"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Decision"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Choice"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Calculation"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Multi Calc"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Loop"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Note"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="End"/>



<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Exception"/>

<field name="Logging Level" type="text" value="Enabled"/>

</row>

<row>

<field name="Type" type="text" value="Recover"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Resume"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Page"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Read"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Write"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

```
<field name="Type" type="text" value="Navigate"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Code"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Wait"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

</initialvalue>

</stage>

<stage stageid="97754a71-aa6f-4be3-8399-6e89222e98d8" name="Stages" type="LoopStart">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="30" w="90" h="30"/>

<font family="Segoe UI" size="10" style="Bold" color="3366FF"/>

<onsuccess>1169db93-7085-4606-aaa2-3aab091e6dfd</onsuccess>

<groupid>49e4af0d-7571-436d-a060-d968b38035be</groupid>

<looptype>ForEach</looptype>

<loopdata>Stages</loopdata>

</stage>

<stage stageid="1d1aa616-be26-436b-820a-8446ed6efb8d" name="Stages" type="LoopEnd">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="345" w="90" h="30"/>
```

```
<font family="Segoe UI" size="10" style="Bold" color="3366FF"/>
<onsuccess>4a6969ce-6525-43d0-9d5e-1b34b25ffc58</onsuccess>
<groupid>49e4af0d-7571-436d-a060-d968b38035be</groupid>
</stage>

<stage stageid="c8412b90-2739-41b7-bc20-8b0666d5ba4f" name="Get Stage Logging Level" type="Action">
  <subsheets>
    <subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>
    <loginhibit onsucceed="true"/>
    <display x="15" y="165" w="90" h="30"/>
    <outputs>
      <output type="text" name="Stage Logging Level" friendlyname="Stage Logging Level" narrative="The stage logging level is: " />
    </outputs>
    <onsuccess>69973489-3f0b-4c24-b5e8-5105be681202</onsuccess>
    <resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Get Stage Logging Level" />
  </stage>

  <stage stageid="aeda577c-2241-4003-a7ca-c4023e1da0da" name="Stage Logging Level" type="Data">
    <subsheets>
      <subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>
      <display x="-120" y="105" w="120" h="30"/>
      <datatype>text</datatype>
      <initialvalue/>
      <private/>
      <alwaysinit/>
    </stage>

    <stage stageid="8471be3f-b094-459f-89fd-79562bde080d" name="Logging Level Correct?" type="Decision">
      <subsheets>
        <subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>
        <display x="15" y="255" w="90" h="30"/>
        <decision expression="[Stage Logging Level]=[Stages.Logging Level]"/>
        <ontrue>0647c784-c153-4099-bdb9-a2d64d33d982</ontrue>
```

```
<onfalse>0aa531ce-1e80-492c-a5b2-e98a6df9fcbf</onfalse>

</stage>

<stage stageid="0aa531ce-1e80-492c-a5b2-e98a6df9fcbf" name="FAIL" type="Exception">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<display x="90" y="255" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The logging level for &quot;&quot;

</stage>

<stage stageid="69973489-3f0b-4c24-b5e8-5105be681202" name="Close Properties" type="Action">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="210" w="90" h="30"/>

<onsUCCESS>8471be3f-b094-459f-89fd-79562bde080d</onsUCCESS>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Properties Press C

</stage>

<stage stageid="62bfcf6d-cb65-46bd-ae5a-44f1b5884267" name="Input Variables" type="Block">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<display x="-195" y="-60" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="9019383e-8e2a-4a76-9b19-d7b9ea0cb272" name="Open Object" type="Action">

<subsHEETid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsHEETid>

<loginhibit onsUCCESS="true"/>

<display x="15" y="-105" w="90" h="30"/>

<inputs>

<input type="text" name="Folder to Select" narrative="Name of folder the object you wish to select is conta

<input type="number" name="MatchIndex" expr=""/>

<input type="text" name="Object Name" friendlyname="Object Name" narrative="The name of the object y
```

</inputs>

<onsuccess>20a6c15c-7ac3-49a4-bca0-e078418ce88d</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Open Object"/>

</stage>

<stage stageid="eff220dc-4d11-4d6f-b136-4e734d6f0226" name="Launch Blue Prism" type="Action">

<display x="15" y="-825" w="90" h="30"/>

<outputs>

<output type="number" name="pid" narrative="PID of the process" stage="PID"/>

</outputs>

<onsuccess>430ae580-8e87-4ce2-8921-73d0cb0946e8</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="4f6bb046-c83a-4e18-aef3-05d75e61e242" name="Sign Into Blue Prism" type="Action">

<display x="15" y="-735" w="90" h="30"/>

<inputs>

<input type="text" name="Username" expr=""/>

<input type="password" name="Password" expr=""/>

<input type="password" name="New Password" narrative="If this is your first login it will prompt you to cha

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>178d4bba-d395-4fb0-a94a-dc1500c9a641</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="178d4bba-d395-4fb0-a94a-dc1500c9a641" name="Go to Studio" type="Action">

```
<loginhibit/>

<display x="15" y="-690" w="90" h="30"/>

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;"/>

</inputs>

<onsuccess>c607cfc7-852a-470b-be7c-eaf06c68c8a0</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="430ae580-8e87-4ce2-8921-73d0cb0946e8" name="Attach Studio" type="Action">

<display x="15" y="-780" w="90" h="30"/>

<inputs>

<input type="number" name="pid" narrative="PID to attach to" expr="[PID]"/>

</inputs>

<onsuccess>4f6bb046-c83a-4e18-aef3-05d75e61e242</onsuccess>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="0647c784-c153-4099-bdb9-a2d64d33d982" name="Delete Stage" type="Action">

<subsheetid>cc8f4100-fb6e-48b9-bd6b-946ed947e5da</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="300" w="90" h="30"/>

<onsuccess>1d1aa616-be26-436b-820a-8446ed6efb8d</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Delete Selected Stage"/>

</stage>

</process>

<process name="Test OCR Multi Language" version="1.0" bpversion="6.0.0.426" narrative="" preferredid="1">

<view>

<camerax>0</camerax>
```

<cameray>0</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="38caad62-452b-4e97-bccd-7aa9d5060856" name="Start" type="Start">

<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>15b3edbe-af0e-4d5d-b001-53b76952db7e</onsuccess>

</stage>

<stage stageid="c3adfbf1-2263-4ba0-b078-aefce836fe0a" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="067812e6-d91c-4e8e-b5e2-5482dc717529" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

```
<displayx>-105</displayx>

<displayy>-75</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="15b3edbe-af0e-4d5d-b001-53b76952db7e" name="Do The Do" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>c3adfbf1-2263-4ba0-b078-aefce836fe0a</onsuccess>

<resource object="OCRLangTest" action="Do Tests"/>

</stage>

</process>

<process name="Test OCR" version="1.0" bpversion="6.3.0.2923" narrative="This test reads data using O

<view>

<camerax>128.800049</camerax>

<cameray>727</cameray>

<zoom version="2">0.9375</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="42c88972-b3a1-4dc4-bf3c-6e27fb985dff" name="Start" type="Start">
```



<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-135</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>60552fc0-e868-4796-9c42-988253e49642</onsuccess>

</stage>

<stage stageid="6b0f7029-8364-4b50-b301-ff9ad7f3edc3" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>870</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

</stage>

<stage stageid="3d977488-2cd5-4314-aab7-da1bd88d3bdd" name="Stage1" type="ProcessInfo">

<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="60552fc0-e868-4796-9c42-988253e49642" name="Launch Test Application" type="Action">
  <narrative>Launch the "Automated Test Form in VS2005" test application</narrative>
  <displayx>15</displayx>
  <displayy>-75</displayy>
  <displaywidth>90</displaywidth>
  <displayheight>30</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
  <onsuccess>65a69f6a-059c-40b0-9cdd-7c932f73f2f6</onsuccess>
  <resource object="OCR Test Application" action="Launch"/>
</stage>

<stage stageid="65a69f6a-059c-40b0-9cdd-7c932f73f2f6" name="Read Multiple Character Region - No Page Segmentation" type="Action">
  <narrative>Reading region containing multiple characters using no page segmentation settings</narrative>
  <displayx>15</displayx>
  <displayy>45</displayy>
  <displaywidth>90</displaywidth>
  <displayheight>60</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
  <inputs>
    <input type="text" name="Page Segmentation Mode" expr=""/>
  </inputs>
  <outputs>
    <output type="text" name="Value Read" stage="Multi Char Value"/>
  </outputs>
  <onsuccess>ee2952c7-0a1a-4188-a7e0-94b6d9dbce47</onsuccess>
  <resource object="OCR Test Application" action="Read OCR - Multi Character"/>
</stage>

<stage stageid="ee2952c7-0a1a-4188-a7e0-94b6d9dbce47" name="Check Value" type="Decision">
```

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>135</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<decision expression="[Multi Char Value]=&quot;Button Not Pressed&quot;"/>

<ontrue>945b4533-27c3-485e-a359-c03dd8efd7a3</ontrue>

<onfalse>b07a5be9-76ff-4a87-a0b1-af657ad35e14</onfalse>

</stage>

<stage stageid="7c2ed396-bb20-4687-9382-e936fe6e220d" name="Multi Char Value" type="Data">

<narrative>

</narrative>

<displayx>225</displayx>

<displayy>45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b07a5be9-76ff-4a87-a0b1-af657ad35e14" name="Fail" type="Exception">

<narrative>

</narrative>

<displayx>150</displayx>

<displayy>135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<exception type="System Exception" detail="&quot;Multi Character Value with no page segmentation  
</stage>

<stage stageid="945b4533-27c3-485e-a359-c03dd8efd7a3" name="Read Multiple Character Region - With

<narrative>Reading region containing multiple characters using auto page segmentation settings</narrative>

<displayx>15</displayx>

<displayy>210</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<inputs>

<input type="text" name="Page Segmentation Mode" expr="&quot;auto&quot;"/>

</inputs>

<outputs>

<output type="text" name="Value Read" stage="Multi Char Value"/>

</outputs>

<onsuccess>ad7f9d9c-dc3d-4a53-a080-1b99aafc2cf8</onsuccess>

<resource object="OCR Test Application" action="Read OCR - Multi Character"/>

</stage>

<stage stageid="ad7f9d9c-dc3d-4a53-a080-1b99aafc2cf8" name="Check Value" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

```
<display>300</display>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<decision expression="[Multi Char Value]=&quot;Button Not Pressed&quot;">

<ontrue>7001d7c1-a73e-4013-8540-ea6a73636aaf</ontrue>

<onfalse>d2ffdf2-fe88-4e52-aca4-5a8834bf7f9c</onfalse>

</stage>

<stage stageid="d2ffdf2-fe88-4e52-aca4-5a8834bf7f9c" name="Fail" type="Exception">

<narrative>

</narrative>

<displayx>150</displayx>

<display>300</display>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<exception type="System Exception" detail="&quot;Multi Character Value with page segmentation wa

</stage>

<stage stageid="7001d7c1-a73e-4013-8540-ea6a73636aaf" name="Click to change field data" type="Action">

<narrative>Click 'Press Me Button' to update the data in the associated field</narrative>

<displayx>15</displayx>

<display>375</display>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<onsuccess>cf1faed9-5952-44b6-943d-9ea757969f36</onsuccess>

<resource object="OCR Test Application" action="Click Press Me Button"/>
```

```
</stage>

<stage stageid="cf1faed9-5952-44b6-943d-9ea757969f36" name="Read Updated Multiple Character Regi

<narrative>Reading the same region that has now updated in terms of data containing multiple characters

<displayx>15</displayx>

<displayy>465</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<inputs>

<input type="text" name="Page Segmentation Mode" expr="&quot;auto&quot;"/>

</inputs>

<outputs>

<output type="text" name="Value Read" stage="Multi Char Value"/>

</outputs>

<onsuccess>588d1528-91ae-4930-b70f-3a0757a0bc21</onsuccess>

<resource object="OCR Test Application" action="Read OCR - Multi Character"/>

</stage>

<stage stageid="588d1528-91ae-4930-b70f-3a0757a0bc21" name="Check Value" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>555</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<decision expression="[Multi Char Value]=&quot;Button pressed&quot;"/>

<ontrue>b2ce6646-bfec-4b9e-8e9d-dab93347ef5a</ontrue>
```

```
<onfalse>3faa7aa8-a51a-4d3b-a164-6389f9b1f49c</onfalse>

</stage>

<stage stageid="3faa7aa8-a51a-4d3b-a164-6389f9b1f49c" name="Fail" type="Exception">

<narrative>

</narrative>

<displayx>150</displayx>

<displayy>555</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<exception type="System Exception" detail="&quot;Updated Multi Character Value with page segmen

</stage>

<stage stageid="b2ce6646-bfec-4b9e-8e9d-dab93347ef5a" name="Read Single Character Region" type="

<narrative>Reading a region which contains a single character</narrative>

<displayx>15</displayx>

<displayy>630</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<inputs>

<input type="text" name="Page Segmenrtation Mode" expr="&quot;character&quot;"/>

</inputs>

<outputs>

<output type="text" name="Value Read" stage="Single Char Value"/>

</outputs>

<onsuccess>cb8bfb18-b617-49ec-9a9c-ef8502252b9b</onsuccess>

<resource object="OCR Test Application" action="Read OCR - Single Character"/>
```

```
</stage>

<stage stageid="cb8bfb18-b617-49ec-9a9c-ef8502252b9b" name="Check Value" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>720</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<decision expression="[Single Char Value]=&quot;1&quot;"/>

<ontrue>13cbbfd5-dedd-4c1c-b266-c753657751a3</ontrue>

<onfalse>5c340992-3f7b-4589-955f-893f25ed71d0</onfalse>

</stage>

<stage stageid="5c340992-3f7b-4589-955f-893f25ed71d0" name="Fail" type="Exception">

<narrative>

</narrative>

<displayx>150</displayx>

<displayy>720</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<exception type="System Exception" detail="&quot;Single character value was not correctly read.&quot;"/>

</stage>

<stage stageid="0a6fc6b1-44e2-4de2-a519-942423e59512" name="Single Char Value" type="Data">

<narrative>

</narrative>

<displayx>225</displayx>
```



```
<displayy>120</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="13cbbfd5-dedd-4c1c-b266-c753657751a3" name="Close Application" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>795</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<onsuccess>6b0f7029-8364-4b50-b301-ff9ad7f3edc3</onsuccess>

<resource object="OCR Test Application" action="Close"/>

</stage>

<stage stageid="60a72234-6083-4326-b3e8-a963b5c3b4f5" name="Fail Recovery" type="Block">

<narrative>

</narrative>

<displayx>-90</displayx>

<displayy>0</displayy>

<displaywidth>420</displaywidth>

<displayheight>750</displayheight>
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<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="b172e4d8-5397-48a4-b123-630eb2d82359" name="Recover1" type="Recover">

<narrative>

</narrative>

<displayx>270</displayx>

<displayy>645</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>785e2785-3ef6-4160-a7f9-e52541db9251</onsuccess>

</stage>

<stage stageid="785e2785-3ef6-4160-a7f9-e52541db9251" name="Close Application" type="Action">

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>645</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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

<onsuccess>ccdec995-8276-40c2-acco-41a2c4bd54b7</onsuccess>

<resource object="OCR Test Application" action="Close"/>

</stage>

<stage stageid="ccdec995-8276-40c2-acco-41a2c4bd54b7" name="Rethrow exception after closing app" type="Action">

<narrative>

</narrative>

<displayx>420</displayx>

```
<displayy>735</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<exception type="" detail="ExceptionDetail()"/>

</stage>

</process>

<process name="Test of HTML Launch after Failed Attach" version="1.0" narrative="o" preferredid="4f80c

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="81af91a2-59d8-4a10-a327-0b5227976693" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

<onsuccess>a55ef0d0-5559-4448-9446-090440e07b70</onsuccess>
```

</stage>

<stage stageid="10eff327-f4d7-40a0-af9b-6bf3ce2d85e9" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

</stage>

<stage stageid="9d339892-a61f-443c-81a3-54ab493b758d" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="a55ef0d0-5559-4448-9446-090440e07b70" name="Test launching after failed attach" type="TestInfo">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

```
<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

<onsuccess>10eff327-f4d7-40a0-af9b-6bf3ce2d85e9</onsuccess>

<resource object="HTML Attach Test Object" action="Attach Else Launch Test"/>

</stage>

</process>

<process name="Test Old Style HTML Paths" version="1.0" narrative="See bug 3817, comment 9" preferred=>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="e8e9de01-7231-452e-bde3-3ec9865d61c2" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>
```

<inputs/>

<outputs/>

<onsuccess>4307c2b9-78d1-450c-9c34-d84956d28ab4</onsuccess>

</stage>

<stage stageid="dc7d1a04-ce30-4b18-adf6-5ae016da0d15" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>120</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

</stage>

<stage stageid="edcc4b24-0971-4ef5-9ad6-45ec018a2e7c" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="4307c2b9-78d1-450c-9c34-d84956d28ab4" name="Launch" type="Action">

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

<onsuccess>a296feec-8734-4608-ac7f-4f407ffa9467</onsuccess>

<resource object="HTML Nested Frames Test" action="Launch"/>

</stage>

<stage stageid="a296feec-8734-4608-ac7f-4f407ffa9467" name="Test Old Style Paths" type="Action">

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

<onsuccess>a80d6056-08a4-434a-b902-1a6a93722d92</onsuccess>

<resource object="HTML Nested Frames Test" action="Test Ambiguous Path"/>

```
</stage>

<stage stageid="a80d6056-08a4-434a-b902-1a6a93722d92" name="Terminate" type="Action">

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<action/>

<inputs/>

<outputs/>

<onsuccess>dc7d1a04-ce30-4b18-adf6-5ae016da0d15</onsuccess>

<resource object="HTML Nested Frames Test" action="Terminate"/>

</stage>

</process>

<process name="Test OLEDB" version="1.0" narrative="A sample process illustrating the use of the OLEDB" type="Test">

<view>

<camerax>188</camerax>

<cameray>107</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="cf200c9e-5d47-4649-bfc3-c855413815e5" name="Start" type="Start">

<narrative>
```



```
</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>5ae15832-97ab-42c7-960d-b7f5e8666e1e</onsuccess>

</stage>

<stage stageid="3a194bf1-1865-4ccc-be73-854dd5873c0a" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="7bfc0952-b200-454b-9a84-e346ffc7f099" name="Set Connection" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Database" expr="[Source File]"/>
```

```
<input type="password" name="Password" expr=""/>
<input type="text" name="Provider" expr=""/>
</inputs>
<onsuccess>08e240bb-16bc-47d5-87f7-6a15668c5ead</onsuccess>
<resource object="Data - OLEDB" action="Set Connection"/>
</stage>
<stage stageid="08e240bb-16bc-47d5-87f7-6a15668c5ead" name="Get Collection" type="Action">
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>30</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="SQL" expr="&quot;SELECT * FROM IW_FUND_NEW&quot;"/>
</inputs>
<outputs>
<output type="collection" name="Results" stage="Results"/>
</outputs>
<onsuccess>ff9ece48-b57f-423c-bc63-6413543afee1</onsuccess>
<resource object="Data - OLEDB" action="Get Collection"/>
</stage>
<stage stageid="d0e3631f-d55c-481a-9d65-6876c4d7e1e1" name="Source File" type="Data">
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</narrative>
<displayx>210</displayx>
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<displayy>-105</displayy>

<displaywidth>210</displaywidth>

<displayheight>30</displayheight>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="02c80c99-6b0a-4790-b8ab-0fcd563eeb65" name="Results" type="Collection">

<narrative>

</narrative>

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<datatype>collection</datatype>

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<stage stageid="ff9ece48-b57f-423c-bc63-6413543afee1" name="Close" type="Action">

<narrative>

</narrative>

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<onsuccess>9977c5b8-8c2a-4836-941e-8562f87a3af4</onsuccess>

<resource object="Data - OLEDB" action="Close"/>

</stage>

<stage stageid="4ac88599-a9b7-424a-8c2c-38ed573a0823" name="QA Root" type="Data">

<narrative>

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<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>

<stage stageid="5ae15832-97ab-42c7-960d-b7f5e8666e1e" name="Get Source File Location" type="Calcu

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<displayy>-60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>7bfc0952-b200-454b-9a84-e346ffc7f099</onsuccess>

<calculation expression="[QA Root] &amp; &amp;quot;\Code\OLEDB\db1.mdb&amp;quot;" stage="S

</stage>

<stage stageid="032ce6e2-a379-40b2-85aa-cc13a5b518f8" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>345</displayy>

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<displayheight>30</displayheight>

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

</stage>

<stage stageid="e0125004-32aa-4610-b503-ab4dbd3f002c" name="Set Connection" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>195</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<inputs>

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

<input type="password" name="Password" expr="&amp;quot;password&amp;quot;"/>

<input type="text" name="Provider" expr=""/>

</inputs>

<onsuccess>36b0282a-af68-41a6-88bb-544d9f4d7818</onsuccess>

<resource object="Data - OLEDB" action="Set Connection"/>
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</stage>

<stage stageid="36b0282a-af68-41a6-88bb-544d9f4d7818" name="Get Collection" type="Action">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="SQL" expr="&quot;SELECT \* FROM IW\_FUND\_NEW&quot;"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>2cd643af-925c-4268-b78f-cbf9a3518906</onsuccess>

<resource object="Data - OLEDB" action="Get Collection"/>

</stage>

<stage stageid="2cd643af-925c-4268-b78f-cbf9a3518906" name="Close" type="Action">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

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<onsuccess>032ce6e2-a379-40b2-85aa-cc13a5b518f8</onsuccess>

```
<resource object="Data - OLEDB" action="Close"/>

</stage>

<stage stageid="9977c5b8-8c2a-4836-941e-8562f87a3af4" name="Get Source File Location" type="Calcula

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>150</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>e0125004-32aa-4610-b503-ab4dbd3f002c</onsuccess>

<calculation expression="[QA Root] &amp;amp; &amp;quot;\Code\OLEDB\db2.mdb&amp;quot;" stage="Sc

</stage>

</process>

<process name="Test Parent Document Loaded" version="1.0" bpversion="6.3.0.2933" narrative="." prefer

<view>

<camerax>55</camerax>

<cameray>384</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="9358f13c-4518-4a8c-b772-ac7f285a06fe" name="Stage1" type="ProcessInfo">

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</narrative>

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</stage>

<stage stageid="2d664ab6-c836-4e14-b411-a066127557f6" name="Launch" type="Action">

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</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="number" name="Port" narrative="Port to launch against" expr="[Port]"/>

</inputs>

<onsuccess>7ee49dbc-bde7-4efc-84c3-7a08432fd1fa</onsuccess>

<resource object="Test Parent Document Loaded (Object)" action="Launch"/>

</stage>

<stage stageid="7ee49dbc-bde7-4efc-84c3-7a08432fd1fa" name="Run Test" type="Action">

<narrative>

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<displayx>15</displayx>

<displayy>285</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>e6a11ff0-2097-4f89-95a7-740254fad396</onsuccess>



<resource object="Test Parent Document Loaded (Object)" action="Run Test"/>

</stage>

<stage stageid="e6a11ff0-2097-4f89-95a7-740254fad396" name="Terminate" type="Action">

<narrative>

</narrative>

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<displayy>330</displayy>

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<onsuccess>2a746b85-57ef-4a41-b96b-32aafc468e1b</onsuccess>

<resource object="Test Parent Document Loaded (Object)" action="Terminate"/>

</stage>

<stage stageid="4fbc0014-a198-4c79-81dc-1819e7686da1" name="Start" type="Start">

<narrative>

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<displayx>15</displayx>

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<displaywidth>60</displaywidth>

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<onsuccess>0e0b0626-c154-4087-82c8-9beaae0a004a</onsuccess>

</stage>

<stage stageid="af11394a-9015-4e33-957e-784318c4a5fc" name="Kill Cassini" type="Process">

<narrative>

</narrative>

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```
<display>-165</display>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Process Name" narrative="The name of the process to search for in memory" ex

<input type="number" name="PID" narrative="What will be the PID of the process you are searching for, b

</inputs>

<onsuccess>3167db08-7697-464a-86c8-d8b60fd170fc</onsuccess>

<processid>7e02d20c-9445-45b7-beaf-f1dbaad4be33</processid>

</stage>

<stage stageid="91712e5f-2c61-4763-98fe-da8132b6b83b" name="Launch Cassini" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

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<onsuccess>13184c3f-066a-4fcf-a738-ed908c99bcaa</onsuccess>

<resource object="Cassini" action="Launch Cassini"/>

</stage>

<stage stageid="13184c3f-066a-4fcf-a738-ed908c99bcaa" name="Input Parameters " type="Action">

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</narrative>

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<display>15</display>
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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Application Dirtectory" narrative="Application Directory value, default to C:\BlueP

<input type="number" name="Server Port" narrative="Server port value, default to 8089" expr="[Port]"/>

<input type="text" name="Virtual Root" narrative="Virtual Root value, default to /" expr="/" />

</inputs>

<onsuccess>1e70ed60-ab51-4747-ad4e-edd91ef7bd92</onsuccess>

<resource object="Cassini" action="Input Cassini Parameters"/>

</stage>

<stage stageid="1e70ed60-ab51-4747-ad4e-edd91ef7bd92" name="Start Cassini" type="Action">

<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"/>

<inputs>

<input type="text" name="Port" narrative="Value of the Port, default to 8089" expr="&quot;&quot;

</inputs>

<onsuccess>2d664ab6-c836-4e14-b411-a066127557f6</onsuccess>

<resource object="Cassini" action="Press Start"/>

</stage>

<stage stageid="8314a1fb-cf3f-4d32-af71-cc3fcb545053" name="Process to seach for" type="Collection">

<narrative>
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</narrative>

<displayx>-105</displayx>

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<displayheight>30</displayheight>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Process Name" type="text" namespace=""/>

<field name="PID" type="number" namespace=""/>

</collectioninfo>

<initialvalue>

<row>

<field name="Process Name" type="text" value="CassiniWebServer"/>

<field name="PID" type="number" value=""/>

</row>

</initialvalue>

</stage>

<stage stageid="0e0b0626-c154-4087-82c8-9beaae0a004a" name="Processes" type="LoopStart">

<narrative>

</narrative>

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<displayy>-225</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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<font family="Segoe UI" size="10" style="Regular" color="000000"/>  
<onsuccess>af11394a-9015-4e33-957e-784318c4a5fc</onsuccess>  
<groupid>fdedbb29-6272-45ba-b4f5-e308917ec0a2</groupid>  
<looptype>ForEach</looptype>  
<loopdata>Process to seach for</loopdata>  
</stage>  
<stage stageid="3167db08-7697-464a-86c8-d8b60fd170fc" name="Processes" type="LoopEnd">  
<narrative>  
</narrative>  
<displayx>15</displayx>  
<displayy>-105</displayy>  
<displaywidth>60</displaywidth>  
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<onsuccess>91712e5f-2c61-4763-98fe-da8132b6b83b</onsuccess>  
<groupid>fdedbb29-6272-45ba-b4f5-e308917ec0a2</groupid>  
</stage>  
<stage stageid="a0cb5072-c8ef-406c-9eb4-f6e3e59db841" name="Check Port Valid" type="Block">  
<narrative>  
</narrative>  
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</stage>  
<stage stageid="7b271664-8839-45cc-bfc5-28a3074ece2d" name="Recover2" type="Recover">

<narrative>

</narrative>

<displayx>90</displayx>

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<displayheight>30</displayheight>

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<onsuccess>414bc138-92f9-498f-800e-6b5176ab5f1f</onsuccess>

</stage>

<stage stageid="414bc138-92f9-498f-800e-6b5176ab5f1f" name="Port Unavailable?" type="Decision">

<narrative>

</narrative>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="InStr(ExceptionDetail(), &quot;failed to start listening on port&quot;) &am

<ontrue>b04bac00-badd-48b2-8aa1-36590497d2bd</ontrue>

<onfalse>4f2740c4-5830-4cca-ae3d-7b623e6379e5</onfalse>

</stage>

<stage stageid="d20a3851-26a7-4dba-aba2-85ed2745f200" name="RetryCount" type="Data">

<narrative>

</narrative>

<displayx>-315</displayx>

<displayy>-105</displayy>

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<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b04bac00-badd-48b2-8aa1-36590497d2bd" name="RetryCount++" type="Calculation">

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>04f7b6e2-cdd7-4eba-a0ff-624281dbec49</onsuccess>

<calculation expression="[RetryCount] + 1" stage="RetryCount"/>

</stage>

<stage stageid="04f7b6e2-cdd7-4eba-a0ff-624281dbec49" name="Retry?" type="Decision">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[RetryCount] &lt;=10"/>
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<ontrue>330fee43-572e-4ad6-bc39-81097ee9fd5a</ontrue>

<onfalse>7dd68d78-9a7a-48e4-8ede-49100cbe6ff7</onfalse>

</stage>

<stage stageid="d6fb419a-f94b-49ca-8797-0b49cd2d147b" name="Port--" type="Calculation">

<narrative>

</narrative>

<displayx>210</displayx>

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<onsuccess>592e0714-fdca-44a8-aed0-1f7d0b13e3a0</onsuccess>

<calculation expression="[Port] - 1" stage="Port"/>

</stage>

<stage stageid="6946388b-e187-400d-913c-8ab20148dffe" name="Port" type="Data">

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</narrative>

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

<datatype>number</datatype>

<initialvalue>8089</initialvalue>

<private/>

<alwaysinit/>

</stage>



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<stage stageid="592e0714-fdca-44a8-aed0-1f7d0b13e3a0" name="Anchor1" type="Anchor">
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</narrative>
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<displayy>-225</displayy>
<displaywidth>10</displaywidth>
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<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<onsuccess>0e0b0626-c154-4087-82c8-9beaae0a004a</onsuccess>
</stage>

<stage stageid="4f2740c4-5830-4cca-ae3d-7b623e6379e5" name="Bubble Up" type="Exception">
<narrative>
</narrative>
<displayx>315</displayx>
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<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Segoe UI" size="10" style="Regular" color="000000"/>
<exception type="" detail="" usecurrent="yes"/>
</stage>

<stage stageid="330fee43-572e-4ad6-bc39-81097ee9fd5a" name="Resume1" type="Resume">
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</narrative>
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<onsuccess>d6fb419a-f94b-49ca-8797-0b49cd2d147b</onsuccess>

</stage>

<stage stageid="7dd68d78-9a7a-48e4-8ede-49100cbe6ff7" name="Anchor2" type="Anchor">

<narrative>

</narrative>

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<displayy>0</displayy>

<displaywidth>10</displaywidth>

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

<onsuccess>4f2740c4-5830-4cca-ae3d-7b623e6379e5</onsuccess>

</stage>

<stage stageid="8eb64de1-2473-4486-95da-16bddf939150" name="Port Selection" type="Block">

<narrative>

</narrative>

<displayx>-360</displayx>

<displayy>-165</displayy>

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<displayheight>105</displayheight>

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</stage>

<stage stageid="b399c96a-25b9-4d2f-96a8-ca01a46634cd" name="Catch" type="Block">

<narrative>

</narrative>

<displayx>-30</displayx>

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</stage>

<stage stageid="22ab4321-2981-4dbe-ac95-bb547a469dac" name="Recover1" type="Recover">

<narrative>

</narrative>

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<displayy>195</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>d690c9e0-f5b2-43f2-9fd3-2eac193bf9ce</onsuccess>

</stage>

<stage stageid="e287e147-1188-4954-993f-565d1d627459" name="Kill Cassini" type="Process">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Process Name" narrative="The name of the process to search for in memory" ex

<input type="number" name="PID" narrative="WHat will be the PID of the process you are searching for, b

</inputs>

<onsuccess>6cdfa140-9bc0-4320-a1af-5c3ff623a87d</onsuccess>
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<processid>7e02d20c-9445-45b7-beaf-f1dbaad4be33</processid>

</stage>

<stage stageid="d690c9e0-f5b2-43f2-9fd3-2eac193bf9ce" name="Processes" type="LoopStart">

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</narrative>

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<displayy>195</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>e287e147-1188-4954-993f-565d1d627459</onsuccess>

<groupid>97e66d82-726f-4eaa-990c-03af988f483e</groupid>

<looptype>ForEach</looptype>

<loopdata>Process to seach for</loopdata>

</stage>

<stage stageid="6cdfa140-9bc0-4320-a1af-5c3ff623a87d" name="Processes" type="LoopEnd">

<narrative>

</narrative>

<displayx>195</displayx>

<displayy>315</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>a76b2e26-a4e0-444c-ad35-455a237f289d</onsuccess>

<groupid>97e66d82-726f-4eaa-990c-03af988f483e</groupid>

</stage>

<stage stageid="a76b2e26-a4e0-444c-ad35-455a237f289d" name="Bubble Up" type="Exception">

```
<narrative>

</narrative>

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<displayheight>30</displayheight>

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<exception type="" detail="" usecurrent="yes"/>

</stage>

<stage stageid="7516507f-facf-41c7-ab16-f965af765247" name="Kill Cassini" type="Process">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>510</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Process Name" narrative="The name of the process to search for in memory" ex

<input type="number" name="PID" narrative="WHat will be the PID of the process you are searching for, b

</inputs>

<onsuccess>36baeb87-d636-4fa7-b70b-224357b992cb</onsuccess>

<processid>7e02d20c-9445-45b7-beaf-f1dbaad4be33</processid>

</stage>

<stage stageid="2a746b85-57ef-4a41-b96b-32aafc468e1b" name="Processes" type="LoopStart">

<narrative>

</narrative>
```

<displayx>15</displayx>

<displayy>450</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>7516507f-facf-41c7-ab16-f965af765247</onsuccess>

<groupid>6d4bab1a-fb86-47a0-a5cb-2c35af7e7d97</groupid>

<looptype>ForEach</looptype>

<loopdata>Process to seach for</loopdata>

</stage>

<stage stageid="36baeb87-d636-4fa7-b70b-224357b992cb" name="Processes" type="LoopEnd">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>570</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>8eb069f5-c091-4666-b2c9-f58f6f482462</onsuccess>

<groupid>6d4bab1a-fb86-47a0-a5cb-2c35af7e7d97</groupid>

</stage>

<stage stageid="8eb069f5-c091-4666-b2c9-f58f6f482462" name="End1" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>630</displayy>

<displaywidth>60</displaywidth>

```
<displayheight>30</displayheight>

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

</stage>

</process>

<process name="Test Password Input Casting SubProcess" version="1.0" narrative="Receives a password" type="ProcessInfo">

  <view>

    <camerax>0</camerax>

    <cameray>0</cameray>

    <zoom>1</zoom>

  </view>

  <preconditions/>

  <endpoint narrative=""/>

  <stage stageid="038c405d-48ff-4417-b07b-621b89cf3147" name="Stage1" type="ProcessInfo">

    <narrative>

    </narrative>

    <displayx>-195</displayx>

    <displayy>-105</displayy>

    <displaywidth>150</displaywidth>

    <displayheight>90</displayheight>

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

  </stage>

  <stage stageid="8a993bbc-7215-4991-b6f8-56b821a45c28" name="Start" type="Start">

    <narrative>

    </narrative>

    <displayx>-45</displayx>

    <displayy>-120</displayy>

    <displaywidth>60</displaywidth>
```

<displayheight>30</displayheight>

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

<inputs>

<input type="password" name="The Password" stage="The Password"/>

</inputs>

<onsuccess>b6a7c4aa-2764-4d46-b756-3a71272e3b53</onsuccess>

</stage>

<stage stageid="bd3cb2c7-5625-41df-96e7-88d9391c5ef2" name="End" type="End">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>75</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<outputs>

<output type="text" name="Text Output" narrative="A sample text output parameter" stage="Text Output"/>

</outputs>

</stage>

<stage stageid="a2b051d4-d2aa-4a89-b229-6c845d5d8720" name="The Password" type="Data">

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>-120</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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



```
<datatype>password</datatype>

<initialvalueenc>

</initialvalueenc>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b6a7c4aa-2764-4d46-b756-3a71272e3b53" name="Set Text Output" type="Calculation">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>bd3cb2c7-5625-41df-96e7-88d9391c5ef2</onsuccess>

<calculation expression="&quot;Blue Prism&quot;" stage="Text Output"/>

</stage>

<stage stageid="4dad8d92-158f-4e7f-8a8a-3a53b5a85daf" name="Text Output" type="Data">

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>
```

```
<private/>

<alwaysinit/>

</stage>

</process>

<process name="Test Password Setting" version="1.0" bpversion="5.0.999.999" narrative="Tests that the

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="8120e2a7-72e9-48bc-9119-b776f29e5671" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>4f0aa0d1-faf0-498f-a81a-50d985213d0d</onsuccess>

</stage>

<stage stageid="cafcc4fa-8f02-4879-8ecf-7ecdaa0525f7" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>135</displayy>
```

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="a55ce0f1-6db3-49b8-8ffe-66fe2222b08d" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>180</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="4f0aa0d1-faf0-498f-a81a-50d985213d0d" name="LAUNCH" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>9fd62e27-e552-45fe-85bf-d72fcae6f60b</onsuccess>

<resource object="Password Tester" action="Launch"/>

</stage>

<stage stageid="7339aa55-6274-49b1-9ad7-e570d8146751" name="CLOSE" type="Action">

<narrative>

</narrative>

$$15$$

$$90$$

$$60$$

$$30$$

$$\text{font family="Segoe UI" size="10" style="Regular" color="000000"}/>$$

$$\text{on success cafcc4fa-8f02-4879-8ecf-7ecdaa0525f7}/>$$

$$\text{resource object="Password Tester" action="Close"}/>$$

$$\text{/stage}>$$

$$\text{stage stageid="9fd62e27-e552-45fe-85bf-d72fcae6f60b" name="Set Password Text" type="Action">$$

$$\text{narrative}>$$

$$\text{/narrative}>$$

$$15$$

$$-45$$

$$60$$

$$30$$

$$\text{font family="Segoe UI" size="10" style="Regular" color="000000"}/>$$

$$\text{inputs}>$$

$$\text{input type="text" name="Name" narrative="The name of the label corresponding to the password to set; w$$

$$\text{input type="password" name="Password" narrative="The password to set" expr="[Password]"/>$$

$$\text{/inputs}>$$

$$\text{on success 699e873f-fba7-4396-973d-75c43e552c8e}/>$$

$$\text{resource object="Password Tester" action="Set Password"}/>$$

$$\text{/stage}>$$

$$\text{stage stageid="c3977011-4def-499d-b82a-258180f0e1eb" name="Password" type="Data">$$

$$\text{narrative}>$$

$$\text{/narrative}>$$

$$-195$$

<displayy>-30</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>password</datatype>

<initialvalueenc>49,20,7,67,26,91,6,1,30,68,70,3</initialvalueenc>

<private/>

<alwaysinit/>

</stage>

<stage stageid="699e873f-fba7-4396-973d-75c43e552c8e" name="Get Plain Text" type="Action">

<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="Name" narrative="The name of the label corresponding to the password to set; w

</inputs>

<outputs>

<output type="text" name="Plain Text" narrative="The plaintext in the textbox associated with the specified

</outputs>

<onsuccess>89eddba1-6e5b-4fce-9e84-cd443cf79243</onsuccess>

<resource object="Password Tester" action="Get Plain Text"/>

</stage>

<stage stageid="7e5447c4-4431-46f4-bf2c-8304f0fcf6b7" name="Plain Text" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>0</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="89eddba1-6e5b-4fce-9e84-cd443cf79243" name="Do They Match?" type="Decision">

<narrative>Pretty hacky way of converting a password into a text data value</narrative>

<displayx>15</displayx>

<displayy>45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="Trim([Plain Text]) = Trim([Password])"/>

<ontrue>7339aa55-6274-49b1-9ad7-e570d8146751</ontrue>

<onfalse>c5f9dbeb-8f54-4e42-9d74-510be366a8e0</onfalse>

</stage>

<stage stageid="c5f9dbeb-8f54-4e42-9d74-510be366a8e0" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>45</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="TestFailedException" detail="&quot;Expected ' &quot; &amp; [Password] &

</stage>

</process>

<process name="Test Permission Applied To SubProcesses" version="1.0" bpversion="7.1.0.52258" narra

<view>

<camerax>70</camerax>

<cameray>149</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="7987eb23-8a1f-4e72-b744-7a43268a8776" type="Normal" published="False">

<name>Start and Attach Blue Prism</name>

<view>

<camerax>0</camerax>

<cameray>21</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="cc88164c-5aef-4ef4-a115-f52c433a3dc5" type="Normal" published="False">

<name>Setup</name>

<view>

<camerax>-18</camerax>

```
<cameray>275</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="4ca2222d-5c5b-4664-8a8d-640dc1e605e1" type="Normal" published="False">

<name>Test</name>

<view>

<camerax>92</camerax>

<cameray>119</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="eb120d85-9db4-4197-b5aa-69cb3135415e" type="Normal" published="False">

<name>Cleanup</name>

<view>

<camerax>0</camerax>

<cameray>165</cameray>

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

</view>

</subsheet>

<stage stageid="f1c114a8-4839-4b90-9f49-3e6b8ddfc33c" name="Start" type="Start">

<display x="15" y="-105" w="90" h="30"/>

<onsuccess>2d3ede08-f554-4504-8e1d-893ba5157261</onsuccess>

</stage>

<stage stageid="63d1d53c-5de2-4fc4-93d8-cc8baa83ecb7" name="Stage1" type="ProcessInfo">

<display x="-165" y="-60" w="210" h="120"/>

<font family="Segoe UI" size="10" style="Regular" color="333333"/>
```



```
</stage>

<stage stageid="526275b0-0d3a-46cb-aa4d-8888c0535365" name="Admin Sign-in" type="Action">

<display x="15" y="0" w="90" h="30"/>

<inputs>

<input type="text" name="Username" expr=""/>

<input type="password" name="Password" expr=""/>

<input type="password" name="New Password" narrative="If this is your first login it will prompt you to cha

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>12634e72-d7ad-44b2-a8c7-ad53bfcd238b</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="7112367d-4340-4738-9007-cbf24196a331" name="Setup" type="Block">

<display x="-45" y="-75" w="225" h="150"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="12634e72-d7ad-44b2-a8c7-ad53bfcd238b" name="Setup" type="SubSheet">

<display x="15" y="45" w="90" h="30"/>

<onsuccess>d3bf82f4-3b95-48b3-bc84-db4981de0174</onsuccess>

<processid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</processid>

</stage>

<stage stageid="c8c4f1c4-75cb-4d29-a259-681bae2b9797" name="Setup" type="SubSheetInfo">

<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

<narrative>Create role
```

Create user

Assign user to role

Assign permissions to role</narrative>

<display x="-150" y="-60" w="180" h="90"/>

</stage>

<stage stageid="99483a7d-b85e-4173-bcfe-388843bef0b7" name="Start" type="Start">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="-90"/>

<onsuccess>d79ebe0b-c81a-4d6b-b2aa-b9ee3afb0ff8</onsuccess>

</stage>

<stage stageid="3117cc10-2a71-4e5d-a5c8-b1eb952ecede" name="Test" type="SubSheetInfo">

<subsheetsid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetsid>

<display x="-150" y="-75" w="150" h="90"/>

</stage>

<stage stageid="1715c183-3643-4028-b839-7b91ca26a63c" name="End" type="End">

<subsheetsid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetsid>

<display x="15" y="390" w="90" h="30"/>

</stage>

<stage stageid="47c1fb6f-5b65-46cc-9c57-f21b85c1ef28" name="Cleanup" type="SubSheetInfo">

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="2bab466d-e370-4eae-a1f4-f31f7d77736c" name="Start" type="Start">

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="0" y="-120"/>

<onsuccess>16643cab-1e33-436a-b4bf-568c0665fbc0</onsuccess>

</stage>

<stage stageid="ad38e867-f692-444c-9928-168abeb8414c" name="End" type="End">

<subsheetid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetid>

<display x="0" y="360"/>

</stage>

<stage stageid="d5fc0c54-07a4-400d-841f-93d69c444ba4" name="End" type="End">

<display x="15" y="345" w="90" h="30"/>

</stage>

<stage stageid="e1adbe3e-a39c-479b-9e7d-357a972444a1" name="Clean Up" type="Block">

<display x="-45" y="165" w="120" h="150"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="4ca463c2-e29f-40fc-a538-18bb26853f1c" name="Recover For Clean Up" type="Recover">

<display x="120" y="120" w="90" h="30"/>

<onsuccess>17fe8ddc-ba41-4e69-9519-c48f53c84aef</onsuccess>

</stage>

<stage stageid="12aea752-faa8-427b-9924-69debe167404" name="Clean Up" type="SubSheet">

<display x="15" y="240" w="90" h="30"/>

<onsuccess>0232b145-38c7-4af9-a383-5d0c748839b2</onsuccess>

<processid>eb120d85-9db4-4197-b5aa-69cb3135415e</processid>

</stage>

<stage stageid="5bb26a4f-69da-42e5-bdb0-b0c583d3114e" name="Clean Up" type="SubSheet">

<display x="240" y="255" w="90" h="30"/>

<onsuccess>1a7456f4-9339-4e20-baa0-7d0199021986</onsuccess>

<processid>eb120d85-9db4-4197-b5aa-69cb3135415e</processid>

</stage>

<stage stageid="5f658546-c10b-4ba9-af2d-7296e9a67afd" name="End of Cleanup" type="Resume">

<display x="240" y="345" w="90" h="30"/>

<onsuccess>4e1de38b-cf50-4e86-b27a-8c3879be180f</onsuccess>

</stage>

<stage stageid="d20b637a-b91b-4c9e-8e56-2b6054b12119" name="Test" type="Block">

<display x="-45" y="90" w="225" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="72b1428e-0abc-4f3c-948b-f34ed9f528b6" name="Sign Out" type="Action">

<display x="240" y="165" w="90" h="30"/>

<onsuccess>37344ce5-d988-4e45-8970-f2da00b71508</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="2324e936-ed5a-45a7-89ba-3ff6deeee597" name="Pid" type="Data">

<display x="-165" y="45" w="180" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="fad63c3b-deb7-4622-9cb0-631e2b946313" name="Create Restricted Role" type="Action">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="60" w="90" h="30"/>

<inputs>

<input type="text" name="New Role Name" friendlyname="New Role Name" narrative="Name of the new F

</inputs>

<onsuccess>08c57398-c7d5-4cb5-91e5-103feda69e14</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Create Role"/>

</stage>

<stage stageid="f0db85dd-4a29-4371-a9f7-6fe09852e7a3" name="Sign Out" type="Action">

<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="330" w="90" h="30"/>

<onsuccess>1715c183-3643-4028-b839-7b91ca26a63c</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="3873f865-24bb-429a-b7d1-3472cf324dae" name="Restricted User Sign-in" type="Action">

<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="45" w="90" h="30"/>

<inputs>

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

<input type="password" name="Password" expr="[RestrictedUserPassword]"/>

<input type="password" name="New Password" narrative="If this is your first login it will prompt you to cha

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>7261fb01-e11d-4647-ac81-97e8c707eaf4</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="f8a142fd-4b9d-46d7-b62c-9b60b8753a0b" name="Start and Attach Blue Prism" type="Su

<subsheetid>7987eb23-8a1f-4e72-b744-7a43268a8776</subsheetid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="440affc6-9cfb-4416-a8a2-053a798c830f" name="Start" type="Start">

<subsheetid>7987eb23-8a1f-4e72-b744-7a43268a8776</subsheetid>

<display x="-60" y="-135"/>

<onsuccess>3e9f32fa-55c2-441f-ac64-a32b4e5956b8</onsuccess>

</stage>

<stage stageid="b2532ab0-ce41-4bbc-aa7a-5ce81e9b2ecf" name="End" type="End">

<subsheetsid>7987eb23-8a1f-4e72-b744-7a43268a8776</subsheetsid>

<display x="-60" y="45"/>

</stage>

<stage stageid="3e9f32fa-55c2-441f-ac64-a32b4e5956b8" name="Launch Blue Prism" type="Action">

<subsheetsid>7987eb23-8a1f-4e72-b744-7a43268a8776</subsheetsid>

<display x="-60" y="-90"/>

<outputs>

<output type="number" name="pid" narrative="PID of the process" stage="Pid"/>

</outputs>

<onsuccess>e7634278-bb82-480b-b47f-de5487891b7c</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="e7634278-bb82-480b-b47f-de5487891b7c" name="Attach Studio" type="Action">

<subsheetsid>7987eb23-8a1f-4e72-b744-7a43268a8776</subsheetsid>

<display x="-60" y="-45"/>

<inputs>

<input type="number" name="pid" narrative="PID to attach to" expr="[Pid]"/>

</inputs>

<onsuccess>c12aff58-4db8-43e2-bea9-34407cbc8b9d</onsuccess>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="c12aff58-4db8-43e2-bea9-34407cbc8b9d" name="Attach System" type="Action">

<subsheetsid>7987eb23-8a1f-4e72-b744-7a43268a8776</subsheetsid>

<display x="-60" y="0"/>

```
<inputs>

<input type="number" name="pid" narrative="PID to attach to" expr="[Pid]"/>

</inputs>

<onsuccess>b2532ab0-ce41-4bbc-aa7a-5ce81e9b2ecf</onsuccess>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="2d3ede08-f554-4504-8e1d-893ba5157261" name="Start and Attach Blue Prism" type="Start">

<display x="15" y="-45" w="90" h="30"/>

<onsuccess>526275b0-0d3a-46cb-aa4d-8888c0535365</onsuccess>

<processid>7987eb23-8a1f-4e72-b744-7a43268a8776</processid>

</stage>

<stage stageid="d3bf82f4-3b95-48b3-bc84-db4981de0174" name="Test" type="SubSheet">

<display x="15" y="120" w="90" h="30"/>

<onsuccess>baa6c8de-a47c-4dce-bbb3-ad798caa1866</onsuccess>

<processid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</processid>

</stage>

<stage stageid="37344ce5-d988-4e45-8970-f2da00b71508" name="Admin Sign-in" type="Action">

<display x="240" y="210" w="90" h="30"/>

<inputs>

<input type="text" name="Username" expr=""/>

<input type="password" name="Password" expr=""/>

<input type="password" name="New Password" narrative="If this is your first login it will prompt you to change your password" expr=""/>

<input type="checkbox" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>
```

```
<onsuccess>5bb26a4f-69da-42e5-bdb0-b0c583d3114e</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="baa6c8de-a47c-4dce-bbb3-ad798caa1866" name="Admin Sign-in" type="Action">

<display x="15" y="195" w="90" h="30"/>

<inputs>

<input type="text" name="Username" expr=""/>

<input type="password" name="Password" expr=""/>

<input type="password" name="New Password" narrative="If this is your first login it will prompt you to cha

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>12aea752-faa8-427b-9924-69debe167404</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="da44eb02-16e6-46ab-915d-f6aa68b0c67e" name="Start and Attach Blue Prism" type="Su

<subsheetid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="0" w="90" h="30"/>

<onsuccess>3873f865-24bb-429a-b7d1-3472cf324dae</onsuccess>

<processid>7987eb23-8a1f-4e72-b744-7a43268a8776</processid>

</stage>

<stage stageid="d79ebe0b-c81a-4d6b-b2aa-b9ee3afb0ff8" name="Navigate To System" type="Action">

<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

<display x="15" y="-30" w="90" h="30"/>

<inputs>
```



```
<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&
</inputs>

<onsuccess>ec8f2bd4-d11e-42b8-8847-8ca1da660a69</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="ec8f2bd4-d11e-42b8-8847-8ca1da660a69" name="Select Security&gt;User Roles" ty
<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

<display x="15" y="15" w="90" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be exten
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be click
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub ite
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by D
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to Tru
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if c
</inputs>

<onsuccess>fad63c3b-deb7-4622-9cb0-631e2b946313</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="b88163b9-d4ab-457c-927b-d364371be367" name="Create Restricted User Role" type="E
<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

<display x="-45" y="-60" w="120" h="240"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="c2b0d0fd-b324-43d3-a712-6ca883b92349" name="NavigateToSystem" type="Action">
<subsheetid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetid>

<display x="0" y="165"/>
```

```
<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsuccess>1d37ce71-34f3-4991-a7e3-de92a69baf07</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="1d37ce71-34f3-4991-a7e3-de92a69baf07" name="Select Security&gt;User Roles" ty

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="0" y="210"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be exten

<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicker

<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub iter

<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by D

<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to Tru

<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if c

</inputs>

<onsuccess>cbab3c6a-82af-41a0-92ba-e7124a72055d</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="7e23c7d9-2cc4-402d-b68a-f25a4944321f" name="Remove User Role" type="Block">

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="-60" y="135" w="120" h="195"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="cbab3c6a-82af-41a0-92ba-e7124a72055d" name="Delete Restricted Role" type="Action":

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>
```

```
<display x="0" y="255"/>

<inputs>

<input type="text" name="Role Name" friendlyname="Role Name" narrative="Name of the Role to be delet

</inputs>

<onsuccess>586ce1f7-5f92-4dff-a401-2b6569f24c5a</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Delete Role"/>

</stage>

<stage stageid="beaaeb7a-6959-4540-bca5-e7b3fd4a7ce4" name="Create Restricted User" type="Action"

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="270" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The username of the user you

<input type="password" name="Password" friendlyname="Password" narrative="The password in which yo

<input type="date" name="User Expiry Date" friendlyname="User Expiry Date" narrative="The date in whic

<input type="date" name="Password Expiry Date" friendlyname="Password Expiry Date" narrative="The da

<input type="collection" name="Roles" friendlyname="Roles" narrative="The roles you wish to give to your

<input type="text" name="Password Duration" friendlyname="Password Duration" narrative="The duration,

</inputs>

<onsuccess>50f700bf-693a-41ac-9c32-6b3790557775</onsuccess>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

</stage>

<stage stageid="d0abf456-783a-4079-aa79-eefdf75694fe" name="Select Security&gt;Users" type="A

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="225" w="90" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be exten

<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be click
```

```
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />
</inputs>

<onsuccess>beaaeb7a-6959-4540-bca5-e7b3fd4a7ce4</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>
</stage>

<stage stageid="92172c02-a998-4630-9d8c-f11144db796d" name="Create Restricted User" type="Block">
  <subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

  <display x="-45" y="195" w="120" h="105"/>

  <font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>
</stage>

<stage stageid="847ee24b-d319-48c1-b4e9-4be49ac2a79a" name="Delete Restricted User" type="Action">
  <subsheetid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetid>

  <display x="0" y="75"/>

  <inputs>

  <input type="text" name="Username" friendlyname="Username" narrative="The name of the user you wish to delete" />
</inputs>

  <onsuccess>c2b0d0fd-b324-43d3-a712-6ca883b92349</onsuccess>

  <resource object="Blue Prism - System - Security" action="Delete Username"/>
</stage>

<stage stageid="52d0cd66-a04b-4f51-85b2-b1a5681bb39b" name="NavigateToSystem" type="Action">
  <subsheetid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetid>

  <display x="0" y="-15"/>

  <inputs>

  <input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&#106;" />
```

```
</inputs>

<onsuccess>29d0b786-4db6-4889-961a-7fd081dd1f67</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="29d0b786-4db6-4889-961a-7fd081dd1f67" name="Select Security&gt;Users" type=""/>

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="0" y="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended" />

<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />

<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />

<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />

<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />

<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />

</inputs>

<onsuccess>847ee24b-d319-48c1-b4e9-4be49ac2a79a</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="bfdcfc87-c478-4590-aa03-765854799ff8" name="Delete Restricted User" type="Block">

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="-60" y="-45" w="120" h="150"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="08c57398-c7d5-4cb5-91e5-103feda69e14" name="Check &quot;Process Studio&quot; is running" type="Block">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="105" w="90" h="30"/>

<inputs>
```

```
<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the
<input type="flag" name="Check?" friendlyname="Check?" narrative="True if item needs to be checked. Fa
</inputs>

<onsuccess>105de391-817e-4782-b583-ab9acb3793c5</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Permissions Pare
</stage>

<stage stageid="105de391-817e-4782-b583-ab9acb3793c5" name="Click Apply" type="Action">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="150" w="90" h="30"/>

<onsuccess>d0abf456-783a-4079-aa79-eefdf75694fe</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="823757fe-a348-47cc-b513-d429f229ce38" name="End1" type="End">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="585"/>

</stage>

<stage stageid="586ce1f7-5f92-4dff-a401-2b6569f24c5a" name="Click Apply" type="Action">

<subsheetsid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetsid>

<display x="0" y="300"/>

<onsuccess>ad38e867-f692-444c-9928-168abeb8414c</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="6ee0a7cc-8d80-403b-a086-cb04b9dc238a" name="Process Group: Zero-Access for Reso
<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="-45" y="315" w="120" h="240"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>
```

```
<stage stageid="50f700bf-693a-41ac-9c32-6b3790557775" name="Navigate to Studio" type="Action">
<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>
<display x="15" y="345" w="90" h="30"/>
<inputs>
<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&
</inputs>
<onsuccess>4dd963f7-a620-40dc-a61f-4ec176405e17</onsuccess>
<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>
</stage>
<stage stageid="4dd963f7-a620-40dc-a61f-4ec176405e17" name="Open Process Group Access Rights W
<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>
<display x="15" y="390" w="90" h="30"/>
<inputs>
<input type="text" name="Target Element" friendlyname="Target Element" narrative="Element (Process/ob
<input type="flag" name="Nested?" friendlyname="Nested?" narrative="Set flag if element is contained with
<input type="text" name="Nesting Structure" friendlyname="Nesting Structure" narrative="Provide a collec
</inputs>
<outputs>
<output type="flag" name="Access Rights Screen loaded" friendlyname="Access Rights Screen loaded" na
<output type="text" name="Exception" friendlyname="Exception" narrative="Exception text output" stage="
</outputs>
<onsuccess>02035073-9d6a-4545-a5fe-37a557efb10d</onsuccess>
<resource object="Blue Prism - Studio" action="Manage Access Rights Select Window"/>
</stage>
<stage stageid="02035073-9d6a-4545-a5fe-37a557efb10d" name="Select Restricted" type="Action">
<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>
<display x="15" y="435" w="90" h="30"/>
```

<onsuccess>b8747e2a-9164-41e8-9b36-500f5bbcfcb8</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Restricted"/>

</stage>

<stage stageid="b8747e2a-9164-41e8-9b36-500f5bbcfcb8" name="Deselect Permissions" type="Action">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="480" w="90" h="30"/>

<inputs>

<input type="collection" name="Set Role Permissions" friendlyname="Set Role Permissions" narrative="Co

<input type="flag" name="Negative Test?" friendlyname="Negative Test?" narrative="flag to change the flo

</inputs>

<outputs>

<output type="flag" name="Permissions Set?" friendlyname="Permissions Set?" narrative="Flag to indicate

<output type="text" name="Exception" friendlyname="Exception" narrative="text passed from exception" st

</outputs>

<onsuccess>cbc1dd2e-b27a-4f48-9ae7-7cf3bea760a9</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Set Individual Permissions - Proces

</stage>

<stage stageid="cbc1dd2e-b27a-4f48-9ae7-7cf3bea760a9" name="Click OK" type="Action">

<subsheetsid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetsid>

<display x="15" y="525" w="90" h="30"/>

<onsuccess>823757fe-a348-47cc-b513-d429f229ce38</onsuccess>

<resource object="Blue Prism - Studio" action="Manage Access Rights Accept/Close Window"/>

</stage>

<stage stageid="c226c293-ee62-487e-9727-9dcaa6694fed" name="Correct Access Warning?" type="Deci

<subsheetsid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetsid>

<display x="15" y="210" w="90" h="30"/>

<decision expression="[ActualAccessWarning]=[RequiredAccessWarning]"/>



```
<ontrue>3aa9d3ee-08a3-4dae-94ba-c8fe417a5f12</ontrue>

<onfalse>af567ff0-57ba-4888-ac1b-bc1462a2fda7</onfalse>

</stage>

<stage stageid="7e025295-cbb3-4309-8ce5-8ab081295f63" name="Open Process" type="Action">

<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="360" y="-1110"/>

<inputs>

<input type="text" name="Process Name" friendlyname="Process Name" expr="[ProcessName]"/>

<input type="text" name="Folder to Select" friendlyname="Folder to Select" expr="[ProcessFolder]"/>

<input type="number" name="MatchIndex" friendlyname="MatchIndex" expr=""/>

</inputs>

<outputs>

<output type="text" name="Access Warning" friendlyname="Access Warning" narrative="Access warning v

</outputs>

<resource object="Blue Prism - Studio - Process / Object" action="Open Process"/>

</stage>

<stage stageid="af567ff0-57ba-4888-ac1b-bc1462a2fda7" name="Did not get Expected result" type="Exce

<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="150" y="210" w="90" h="30"/>

<exception type="Test Fail" detail="&quot;Did not get: &quot; &amp;quot; &amp;quot;'&amp;quot;

</stage>

<stage stageid="16643cab-1e33-436a-b4bf-568c0665fbc0" name="Close All Child Windows" type="Action

<subsheetid>eb120d85-9db4-4197-b5aa-69cb3135415e</subsheetid>

<display x="0" y="-75"/>

<onsuccess>52d0cd66-a04b-4f51-85b2-b1a5681bb39b</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Close All Child Windows"/>

</stage>
```

<stage stageid="ff59d92c-bdaa-4768-8b13-843d33aed26c" name="Test Steps" type="Block">

<subsHEETid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsHEETid>

<display x="-60" y="-75" w="150" h="240"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="17fe8ddc-ba41-4e69-9519-c48f53c84aef" name="Close All Child Windows" type="Action">

<display x="240" y="120" w="90" h="30"/>

<onsuccess>72b1428e-0abc-4f3c-948b-f34ed9f528b6</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Close All Child Windows"/>

</stage>

<stage stageid="4e1de38b-cf50-4e86-b27a-8c3879be180f" name="Rethrow Exception" type="Exception">

<display x="390" y="345" w="90" h="30"/>

<exception localized="yes" type="" detail="" usecurrent="yes"/>

</stage>

<stage stageid="c56f3478-dcc5-4a01-ab17-da5e2888c731" name="RestrictedUserName" type="Data">

<display x="-165" y="75" w="180" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">US-2942 Test User 7</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="0f71f9eb-222a-459f-80d4-dbd96abc28d3" name="RestrictedUserPassword" type="Data">

<display x="-165" y="105" w="180" h="30"/>

<datatype>password</datatype>

<initialvalueenc>49,20,7,67,26,81,27,23,37</initialvalueenc>

<alwaysinit/>

</stage>

<stage stageid="ea63bb16-f457-4b4d-99a6-28840582c6cb" name="RestrictedUserRoleName" type="Data">

<display x="-165" y="135" w="180" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">X Custom Role</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="4309b19c-ff55-4123-96cb-1b2782878be0" name="RestrictedAccessGroupName" type="D

<display x="-165" y="165" w="180" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">US-2942 Restricted Process Group</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="3aa9d3ee-08a3-4dae-94ba-c8fe417a5f12" name="Close All Child Windows" type="Action

<subsheetsid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetsid>

<display x="15" y="285" w="90" h="30"/>

<onsuccess>f0db85dd-4a29-4371-a9f7-6fe09852e7a3</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Close All Child Windows"/>

</stage>

<stage stageid="739391aa-77d6-492b-b37e-7ec75b689008" name="Global Variables" type="Block">

<display x="-270" y="15" w="210" h="180"/>

<font family="Segoe UI" size="10" style="Bold" color="7FB2E5"/>

</stage>

<stage stageid="2b64e082-8017-4144-ad60-c4482fb5e832" name="Check Expected Result" type="Block"

<subsheetsid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetsid>

<display x="-60" y="180" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="c192c322-2993-4c17-a9a3-846f1879435a" name="Start" type="Start">

```
<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="-105" w="90" h="30"/>

<onsuccess>ef4f0e71-0a85-496f-8c3f-be904c56ce9a</onsuccess>

</stage>

<stage stageid="7261fb01-e11d-4647-ac81-97e8c707eaf4" name="Navigate to Studio" type="Action">

<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="90" w="90" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&quot;Name of Tab to Click&quot;" />

</inputs>

<onsuccess>179223cf-f214-4ef0-a591-7a34186ef901</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="179223cf-f214-4ef0-a591-7a34186ef901" name="Open &quot;Allowed&quot; Process" type="Action">

<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="135" w="90" h="30"/>

<inputs>

<input type="text" name="Process Name" friendlyname="Process Name" expr="[AllowedProcessName]" />

<input type="text" name="Folder to Select" friendlyname="Folder to Select" expr="&quot;Default&quot;" />

<input type="number" name="MatchIndex" friendlyname="MatchIndex" expr="1" />

</inputs>

<outputs>

<output type="text" name="Access Warning" friendlyname="Access Warning" narrative="Access warning v" />

</outputs>

<onsuccess>c226c293-ee62-487e-9727-9dcaa6694fed</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Open Process"/>

</stage>
```

```
<stage stageid="49dd3490-51c1-4e32-89bd-0f37102f5b88" name="Test Closure" type="Block">
<subsheetid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>
<display x="-60" y="255" w="150" h="105"/>
<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>
</stage>

<stage stageid="0232b145-38c7-4af9-a383-5d0c748839b2" name="Exit Blue Prism" type="Action">
<display x="15" y="285" w="90" h="30"/>
<onsuccess>d5fc0c54-07a4-400d-841f-93d69c444ba4</onsuccess>
<resource object="Blue Prism" action="Exit Application"/>
</stage>

<stage stageid="1a7456f4-9339-4e20-baa0-7d0199021986" name="Exit Blue Prism" type="Action">
<display x="240" y="300" w="90" h="30"/>
<onsuccess>5f658546-c10b-4ba9-af2d-7296e9a67afd</onsuccess>
<resource object="Blue Prism" action="Exit Application"/>
</stage>

<stage stageid="bc0b5818-174a-413d-8ef4-c5e3ca52d380" name="Local Variables" type="Block">
<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>
<display x="-240" y="0" w="180" h="90"/>
<font family="Segoe UI" size="10" style="Bold" color="7FB2E5"/>
</stage>

<stage stageid="69bb3ca9-890b-4ef9-af28-d6dff4c5203f" name="Setup Recovery" type="Recover">
<display x="120" y="-45" w="90" h="30"/>
<font family="Segoe UI" size="10" style="Regular" color="333333"/>
<onsuccess>4132a3ce-be03-4a2b-98bd-b41dd8b48cee</onsuccess>
</stage>

<stage stageid="4132a3ce-be03-4a2b-98bd-b41dd8b48cee" name="Setup Fail" type="Exception">
<display x="225" y="-45"/>
```

```
<font family="Segoe UI" size="10" style="Regular" color="333333"/>
<exception type="Setup Failure" detail="&quot;The setup for this test failed: &quot;&quot;&quot;Ex
</stage>

<stage stageid="25485135-f173-42b2-b493-40c2a15d929d" name="AllowedProcessName" type="Data">
<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="-150" y="15" w="150" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">US-2942 Process A</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="447c44f4-17e6-4566-b01c-3bebf6a1ea8d" name="RestrictedProcessName" type="Data">
<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="-150" y="45" w="150" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">US-2942 Process B</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="55fa7189-048a-4433-8ba4-d974fd58f8f5" name="RequiredAccessWarning" type="Data">
<subsheetid>4ca2222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="-150" y="75" w="150" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">This process cannot be saved because you do not have permission to

<alwaysinit/>

</stage>

<stage stageid="093b8c1f-f5bf-4aa1-8248-4a2d495b9fd3" name="ActualAccessWarning" type="Data">
```

<subsheetid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="-150" y="150" w="150" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="6c29c0e0-8bfe-406c-9334-96c68845a37c" name="Input Variables" type="Block">

<subsheetid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="-225" y="-15" w="150" h="120"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="4aa10b7a-575b-4dcd-a225-fa9e3909cefb" name="Local Variables" type="Block">

<subsheetid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="-225" y="120" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="48f69e97-cf98-4bda-b431-98b5261c97b2" name="Role" type="Collection">

<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

<display x="-150" y="30" w="150" h="30"/>

<font family="Segoe UI" size="10" style="Regular" color="333333"/>

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value="X Custom Role"/>

</row>

</initialvalue>

</stage>

<stage stageid="6724fe26-c22c-4b2b-b301-4eb5661d6c44" name="Access Rights for Process Group" type="Access Rights for Process Group" />

<subsheetid>cc88164c-5aef-4ef4-a115-f52c433a3dc5</subsheetid>

<display x="-150" y="60" w="150" h="30"/>

<font family="Segoe UI" size="10" style="Regular" color="333333"/>

<datatype>collection</datatype>

<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="X Custom Role"/>



<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="ef4f0e71-0a85-496f-8c3f-be904c56ce9a" name="Exit Blue Prism" type="Action">

<subsheetid>4ca222d-5c5b-4664-8a8d-640dc1e605e1</subsheetid>

<display x="15" y="-45" w="90" h="30"/>

<onsuccess>da44eb02-16e6-46ab-915d-f6aa68b0c67e</onsuccess>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

</process>

<process name="Test POP3/SMTP Email New" version="1.0" narrative="." preferredid="37f5e7ca-feed-de

<view>

<camerax>0</camerax>

<cameray>184</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="5bb129f1-9d2f-42c8-a738-8e80430daf89" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>dd37ffff-2c77-46a9-99c4-75a6213ca1c2</onsuccess>

</stage>

<stage stageid="aeab257a-0437-45e4-b960-1952e74c27ea" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>450</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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</stage>

<stage stageid="4ab6f3c1-cf21-4b24-bb71-6cd3f1f1bebc" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="dd37fff-2c77-46a9-99c4-75a6213ca1c2" name="Configure" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Username" expr="&quot;test@localhost.local&quot;"/>

<input type="password" name="Password" expr="&quot;test.password&quot;"/>

<input type="text" name="POP3 Server" expr="&quot;localhost&quot;"/>

<input type="text" name="SMTP Server" expr="&quot;localhost&quot;"/>

<input type="number" name="POP3 Port" expr="110"/>

<input type="number" name="SMTP Port" expr="25"/>

<input type="flag" name="POP3 UseSSL" expr="False"/>

<input type="flag" name="SMTP UseSSL" expr="False"/>

</inputs>

<onsuccess>0b64adc2-491d-4115-870f-e33ef49b28e2</onsuccess>

<resource object="Email - POP3/SMTP" action="Configure"/>

</stage>

<stage stageid="0b64adc2-491d-4115-870f-e33ef49b28e2" name="Get Emails" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<outputs>

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

</outputs>

<onsuccess>5b9be75a-1376-4e93-bc5a-fb20482e56f9</onsuccess>

<resource object="Email - POP3/SMTP" action="List Messages"/>

</stage>

<stage stageid="95fd01c3-d459-4cff-b604-3738811afd09" name="Emails" type="Collection">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>0</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Subject" type="text"/>

<field name="From Name" type="text"/>

<field name="From Address" type="text"/>

<field name="Date Sent" type="datetime"/>

<field name="MessageID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="e81cce32-b76e-42db-acd2-d418a81df17c" name="Get Message" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="MessageID" narrative="The ID of the message to retrieve." expr="[Emails.Messa

</inputs>

<outputs>

<output type="text" name="Body" stage="Body"/>

</outputs>

<onsuccess>edafc134-f6a4-47e3-bda1-b09fc26bca19</onsuccess>

<resource object="Email - POP3/SMTP" action="Get Message"/>

</stage>

<stage stageid="2d474102-b20a-4686-a80f-43c8b9933146" name="Body" type="Data">

<narrative>

</narrative>

<displayx>105</displayx>

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<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5b9be75a-1376-4e93-bc5a-fb20482e56f9" name="For Each Email" type="LoopStart">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>e81cce32-b76e-42db-acd2-d418a81df17c</onsuccess>

<groupid>86e21344-0055-43cc-b877-f5ae62fa4cf9</groupid>

<looptype>ForEach</looptype>

<loopdata>Emails</loopdata>

</stage>

<stage stageid="edafc134-f6a4-47e3-bda1-b09fc26bca19" name="Next Email" type="LoopEnd">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>150</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>b6dd69bb-8f66-4345-b492-8e1a4426ec56</onsuccess>

<groupid>86e21344-0055-43cc-b877-f5ae62fa4cf9</groupid>

```
</stage>

<stage stageid="b6dd69bb-8f66-4345-b492-8e1a4426ec56" name="Send PlainText Email" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>210</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="From" narrative="The email address of the sender." expr="&quot;test@local.com&quot;" />

<input type="text" name="To" narrative="The email address of the recipient. To address multiple recipients, separate addresses with semicolons." expr="&quot;&quot;" />

<input type="text" name="Subject" narrative="The subject of the email." expr="&quot;Test 4&quot;" />

<input type="text" name="Body" narrative="The body of the email." expr="&quot;Test 4 Body&quot;" />

<input type="collection" name="Attachments" narrative="A Collection containing a list of files to add to the email." expr="&quot;&quot;" />

<input type="flag" name="BodyIsHTML" narrative="Indicates if the body should be sent as HTML" expr="&quot;&quot;" />

</inputs>

<onsuccess>13125544-9339-477f-89e7-ea213b0ab1a1</onsuccess>

<resource object="Email - POP3/SMTP" action="Send Message"/>

</stage>

<stage stageid="d0bd304a-c16d-48d8-b75a-0393edaa6ab0" name="AttachmentList" type="Collection">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>210</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
```

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Path" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Path" type="text" value="C:\Users\Giles\test\Giles.jpg"/>

</row>

</initialvalue>

</stage>

<stage stageid="c84b1d40-5633-441e-bdcb-a30313e43157" name="Delete Messages" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>390</displayy>

<displaywidth>60</displaywidth>

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

<inputs>

<input type="collection" name="MessageIDs" expr="[Emails]"/>

</inputs>

<onsuccess>aeab257a-0437-45e4-b960-1952e74c27ea</onsuccess>

<resource object="Email - POP3/SMTP" action="Delete Messages"/>

</stage>



<stage stageid="1e92c9f3-b7e8-4a77-889b-c8e18aa45d66" name="Send Multi-Recipient HTML Email" type="Form" />

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>330</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="From" narrative="The email address of the sender." expr="&quot;test@localdomain.com" />

<input type="text" name="To" narrative="The email address of the recipient. To address multiple recipients, separate addresses with semicolons." />

<input type="text" name="Subject" narrative="The subject of the email." expr="&quot;Test Multi-Recipient HTML Email" />

<input type="text" name="Body" narrative="The body of the email." expr="&quot;Test Multi-Recipient HTML Email" />

<input type="collection" name="Attachments" narrative="A Collection containing a list of files to add to the email." />

<input type="flag" name="BodyIsHTML" narrative="Indicates if the body should be sent as HTML" expr="True" />

</inputs>

<onsuccess>c84b1d40-5633-441e-bdc8-a30313e43157</onsuccess>

<resource object="Email - POP3/SMTP" action="Send Message"/>

</stage>

<stage stageid="13125544-9339-477f-89e7-ea213b0ab1a1" name="Send Multi-Recipient PlainText Email" type="Form" />

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>270</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="From" narrative="The email address of the sender." expr="&quot;test@loc

<input type="text" name="To" narrative="The email address of the recipient. To address multiple recipients

<input type="text" name="Subject" narrative="The subject of the email." expr="&quot;Test Multi-Recip

<input type="text" name="Body" narrative="The body of the email." expr="&quot;Test Multi-Recipient

<input type="collection" name="Attachments" narrative="A Collection containing a list of files to add to the

<input type="flag" name="BodyIsHTML" narrative="Indicates if the body should be sent as HTML" expr=""/

</inputs>

<onsuccess>1e92c9f3-b7e8-4a77-889b-c8e18aa45d66</onsuccess>

<resource object="Email - POP3/SMTP" action="Send Message"/>

</stage>

</process>

<process name="Test POP3/SMTP Email" version="1.0" narrative="." preferredid="37f5e7ca-b612-4d0a-b

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="5bb129f1-9d2f-42c8-a738-8e80430daf89" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>dd37ffff-2c77-46a9-99c4-75a6213ca1c2</onsuccess>

</stage>

<stage stageid="aeab257a-0437-45e4-b960-1952e74c27ea" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>330</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="4ab6f3c1-cf21-4b24-bb71-6cd3f1f1bebc" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="dd37ffff-2c77-46a9-99c4-75a6213ca1c2" name="Configure" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Username" expr="&quot;test@localhost.local&quot;"/>

<input type="password" name="Password" expr="&quot;test.password&quot;"/>

<input type="text" name="POP3 Server" expr="&quot;localhost&quot;"/>

<input type="text" name="SMTP Server" expr="&quot;localhost&quot;"/>

<input type="number" name="POP3 Port" expr="110"/>

<input type="number" name="SMTP Port" expr="25"/>

<input type="flag" name="POP3 UseSSL" expr="False"/>

<input type="flag" name="SMTP UseSSL" expr="False"/>

</inputs>

<onsuccess>0b64adc2-491d-4115-870f-e33ef49b28e2</onsuccess>

<resource object="Email - POP3/SMTP" action="Configure"/>

</stage>

<stage stageid="0b64adc2-491d-4115-870f-e33ef49b28e2" name="Get Emails" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<outputs>

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

</outputs>

<onsuccess>5b9be75a-1376-4e93-bc5a-fb20482e56f9</onsuccess>

```
<resource object="Email - POP3/SMTP" action="List Messages"/>

</stage>

<stage stageid="95fd01c3-d459-4cff-b604-3738811afd09" name="Emails" type="Collection">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>0</displayy>

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<displayheight>30</displayheight>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Subject" type="text"/>

<field name="From Name" type="text"/>

<field name="From Address" type="text"/>

<field name="Date Sent" type="datetime"/>

<field name="MessageID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="e81cce32-b76e-42db-acd2-d418a81df17c" name="Get Message" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>105</displayy>

<displaywidth>60</displaywidth>
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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="MessageID" expr="[Emails.MessageID]"/>

</inputs>

<outputs>

<output type="text" name="Body" stage="Body"/>

</outputs>

<onsuccess>edafc134-f6a4-47e3-bda1-b09fc26bca19</onsuccess>

<resource object="Email - POP3/SMTP" action="Get Message"/>

</stage>

<stage stageid="2d474102-b20a-4686-a80f-43c8b9933146" name="Body" type="Data">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>105</displayy>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="5b9be75a-1376-4e93-bc5a-fb20482e56f9" name="For Each Email" type="LoopStart">

<narrative>

</narrative>

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<displayy>60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>e81cce32-b76e-42db-acd2-d418a81df17c</onsuccess>

<groupid>86e21344-0055-43cc-b877-f5ae62fa4cf9</groupid>

<looptype>ForEach</looptype>

<loopdata>Emails</loopdata>

</stage>

<stage stageid="edafc134-f6a4-47e3-bda1-b09fc26bca19" name="Next Email" type="LoopEnd">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>b6dd69bb-8f66-4345-b492-8e1a4426ec56</onsuccess>

<groupid>86e21344-0055-43cc-b877-f5ae62fa4cf9</groupid>

</stage>

<stage stageid="b6dd69bb-8f66-4345-b492-8e1a4426ec56" name="Send Email" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>210</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="From" expr="&quot;test@localhost.local&quot;"/>

<input type="text" name="To" expr="&quot;test@localhost.local&quot;"/>

<input type="text" name="Subject" expr="&quot;Test 4&quot;"/>

<input type="text" name="Body" expr="&quot;Test 4 Body&quot;"/>

<input type="collection" name="Attachments" expr=""/>

</inputs>

<onsuccess>c84b1d40-5633-441e-bdcb-a30313e43157</onsuccess>

<resource object="Email - POP3/SMTP" action="Send Message"/>

</stage>

<stage stageid="d0bd304a-c16d-48d8-b75a-0393edaa6ab0" name="AttachmentList" type="Collection">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>210</displayy>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Path" type="text"/>

</collectioninfo>

<initialvalue>



<row>

<field name="Path" type="text" value="C:\Users\Giles\test\Giles.jpg"/>

</row>

</initialvalue>

</stage>

<stage stageid="c84b1d40-5633-441e-bdcb-a30313e43157" name="Delete Messages" type="Action">

<narrative>

</narrative>

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<displayy>270</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="collection" name="MessageIDs" expr="[Emails]"/>

</inputs>

<onsuccess>aeab257a-0437-45e4-b960-1952e74c27ea</onsuccess>

<resource object="Email - POP3/SMTP" action="Delete Messages"/>

</stage>

</process>

<process name="Test Process AU1862" version="1.0" bpversion="6.3.0.3160" narrative="" preferredid="a5

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

<preconditions/>

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<endpoint narrative=""/>

<stage stageid="d79b68a7-46f6-4418-995c-51a76cdeb107" name="Start" type="Start">

<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>54f963f0-6f55-45a1-bc17-fa74b6e76320</onsuccess>

</stage>

<stage stageid="6a330be5-45c7-435a-ae1d-4527827c9464" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="52a3b732-88a4-466b-bccf-1449c57ae03b" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

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</stage>

<stage stageid="54f963f0-6f55-45a1-bc17-fa74b6e76320" name="Link to unrestricted object" type="Action

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>6a330be5-45c7-435a-ae1d-4527827c9464</onsuccess>

<resource object="Business Object AU1862" action="Test Action"/>

</stage>

</process>

<process name="Test Process BU1862" version="1.0" bpversion="6.3.0.3160" narrative="" preferredid="6f

<view>

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<cameray>0</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="adb430df-2656-4d6d-bd1c-2e2216a1e323" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>
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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>30d0a881-8094-4354-8b0a-cd7f929c3dc4</onsuccess>

</stage>

<stage stageid="8109bcfa-57b9-4a64-8fe2-43fd41daea11" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

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</stage>

<stage stageid="6ca55923-95e3-499e-951c-7b985cc4ef89" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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</stage>

<stage stageid="30d0a881-8094-4354-8b0a-cd7f929c3dc4" name="Link to restricted business object" type="Link to restricted business object">

<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>8109bcfa-57b9-4a64-8fe2-43fd41daea11</onsuccess>

<resource object="Business Object BU1862" action="Test Action B"/>

</stage>

</process>

<process name="Test Process CU1862" version="1.0" bpversion="6.3.0.3160" narrative="" preferredid="b2

<view>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="aa763d9c-d185-49cf-9fef-fc1a768349c0" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

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

<onsuccess>549c608f-e7ad-4090-b899-b9e8e8b394cc</onsuccess>

</stage>

<stage stageid="b95be37c-4e64-49fa-92d1-e4d09259acda" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

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</stage>

<stage stageid="5e053ddc-4ff1-4c77-9914-79f7427f26da" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="549c608f-e7ad-4090-b899-b9e8e8b394cc" name="Link to object calling internal VBO" type="VBO">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>9022dc15-667a-4863-b4a1-2685442daa7f</onsuccess>

<resource object="Business Object CU1862" action="Call internal VBO"/>

```
</stage>

<stage stageid="9022dc15-667a-4863-b4a1-2685442daa7f" name="Direct link to internal VBO" type="Action" />

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to act upon" expr="" />

</inputs>

<onsuccess>b95be37c-4e64-49fa-92d1-e4d09259acda</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Add Row" />

</stage>

</process>

<process name="Test Process Default Stage Logging Levels" version="1.0" bpversion="6.8.0.20646" narrative="" />

<view>

<camerax>15</camerax>

<cameray>-674</cameray>

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

</view>

<preconditions/>

<endpoint narrative="" />

<subsheet subsheetid="3c138572-e69e-4e82-b16a-f96ea87a21e8" type="Normal" published="False">

<name>Process</name>

<view>
```

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<camerax>0</camerax>

<cameray>129</cameray>

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

</view>

</subsheet>

<stage stageid="28a0c348-1536-48ea-a48f-9c4b2c32e1d2" name="Start" type="Start">

<display x="15" y="-870"/>

<onsuccess>eff220dc-4d11-4d6f-b136-4e734d6f0226</onsuccess>

</stage>

<stage stageid="c1ed97a7-b8c8-4037-8a2d-5efe5d812816" name="End" type="End">

<display x="15" y="-510"/>

</stage>

<stage stageid="871f0451-6649-4583-b4fc-c9eba32a8c26" name="Stage1" type="ProcessInfo">

<display x="-120" y="-840" w="150" h="90"/>

</stage>

<stage stageid="f1572e72-3df2-4309-a576-7d5a628e2b01" name="PID" type="Data">

<display x="-120" y="-750" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3f625693-d3f8-4cc2-9f5c-13f69f03665d" name="Sign Out" type="Action">

<display x="15" y="-600" w="90" h="30"/>

<onsuccess>336bdbd0-1054-4b45-a5e4-879c908830d6</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>
```



```
<stage stageid="336bdbd0-1054-4b45-a5e4-879c908830d6" name="Exit Application" type="Action">
<display x="15" y="-555" w="90" h="30"/>
<onsuccess>c1ed97a7-b8c8-4037-8a2d-5efe5d812816</onsuccess>
<resource object="Blue Prism" action="Exit Application"/>
</stage>

<stage stageid="b353f3ca-9e54-458e-811f-e75d415c9242" name="Local Variables" type="Block">
<display x="-195" y="-780" w="150" h="60"/>
<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>
</stage>

<stage stageid="1cb0ce93-9650-40f0-882c-2b578c589806" name="Process" type="SubSheetInfo">
<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>
<display x="-120" y="-120" w="150" h="90"/>
</stage>

<stage stageid="13e034f9-5990-4c80-9e92-b2b1de34770a" name="Start" type="Start">
<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>
<display x="15" y="-150"/>
<onsuccess>134050d0-efb7-4192-ad0b-35c2f00c76e4</onsuccess>
</stage>

<stage stageid="e309e0fa-9c84-470f-9435-6384126d562b" name="End" type="End">
<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>
<display x="15" y="435"/>
</stage>

<stage stageid="dd3a37a4-a378-4fe6-84d2-71f45130aa4c" name="Local Variables" type="Block">
<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>
<display x="-195" y="15" w="150" h="120"/>
<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>
</stage>
```

```
<stage stageid="80cd4e44-f2d8-4925-9c5c-e0c1d0ff663e" name="Get Start Bounds" type="Action">
<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>
<loginhibit/>
<display x="15" y="-60" w="90" h="30"/>
<inputs>
<input type="text" name="Page Name" narrative="Name of the page in which the element resides." expr=""
</inputs>
<outputs>
<output type="collection" name="Bounds" narrative="Bounds of the Start stage on screen." stage="Start B
</outputs>
<onsuccess>dd38fcbc-6d88-4d31-8902-f950cb6b4793</onsuccess>
<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Get Start Stage Bo
</stage>
<stage stageid="35a747c1-325a-4dc7-8114-e919a3070767" name="Add Stage" type="Action">
<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>
<loginhibit/>
<display x="15" y="75" w="90" h="30"/>
<inputs>
<input type="text" name="Stage Type" narrative="Type of Stage to add." expr="[Stages.Type]"/>
<input type="number" name="X Coordinate" narrative="Coordinates of X axis. Positive values are to the right of the origin." expr=""
<input type="number" name="Y Coordinate" narrative="Coordinates of Y axis. Positive values are further down the page." expr=""
<input type="text" name="New Page Name" friendlyname="New Page Name" narrative="If you are creating a new page, enter the page name." expr=""
</inputs>
<onsuccess>99a54286-7684-43d5-801f-6025305ca1d1</onsuccess>
<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Add Stage to Development Environment"
</stage>
<stage stageid="99a54286-7684-43d5-801f-6025305ca1d1" name="Open Properties" type="Action">
```

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<loginhibit/>

<display x="15" y="120" w="90" h="30"/>

<onsuccess>36c07b87-5503-4a78-9fe4-42b066944d6f</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Open Properties F

</stage>

<stage stageid="b5eb3464-ed49-4750-88d9-08d3aca0c856" name="Close Process" type="Action">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<display x="15" y="390" w="90" h="30"/>

<onsuccess>e309e0fa-9c84-470f-9435-6384126d562b</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Close All Child Windows"/>

</stage>

<stage stageid="2855cdde-7668-4ae4-936e-e8ecac161f17" name="Start Bounds" type="Collection">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<display x="-120" y="75" w="120" h="30"/>

<datatype>collection</datatype>

<alwaysinit/>

<collectioninfo>

<field name="Top" type="number"/>

<field name="Bottom" type="number"/>

<field name="Right" type="number"/>

<field name="Left" type="number"/>

<field name="Height" type="number"/>

<field name="Width" type="number"/>

</collectioninfo>

</stage>

<stage stageid="dd38fcbc-6d88-4d31-8902-f950cb6b4793" name="Find Y" type="Calculation">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-15" w="90" h="30"/>

<onsuccess>911117fd-a4f6-4fdc-8c97-a6654af6b470</onsuccess>

<calculation expression="([Start Bounds.Bottom]-([Start Bounds.Height]/2))+28" stage="Y"/>

</stage>

<stage stageid="0a09969d-15c6-4383-9a7e-25788faebb5b" name="Y" type="Data">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<display x="-120" y="45" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="29a702e5-bade-46a2-9a8a-e7a2591d2c02" name="Stages" type="Collection">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Type" type="text"/>

<field name="Logging Level" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Type" type="text" value="Process"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

<field name="Type" type="text" value="Action"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

<field name="Type" type="text" value="Decision"/>

<field name="Logging Level" type="text" value="Enabled"/>

</row>

<row>

<field name="Type" type="text" value="Choice"/>

<field name="Logging Level" type="text" value="Enabled"/>

</row>

<row>

<field name="Type" type="text" value="Calculation"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

<field name="Type" type="text" value="Multi Calc"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

<field name="Type" type="text" value="Loop"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

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<field name="Type" type="text" value="Note"/>

<field name="Logging Level" type="text" value="Enabled"/>

</row>

<row>

<field name="Type" type="text" value="End"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

<field name="Type" type="text" value="Alert"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>

<row>

<field name="Type" type="text" value="Exception"/>

<field name="Logging Level" type="text" value="Enabled"/>

</row>

<row>

<field name="Type" type="text" value="Recover"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Resume"/>

<field name="Logging Level" type="text" value="Disabled"/>

</row>

<row>

<field name="Type" type="text" value="Page"/>

<field name="Logging Level" type="text" value="Errors only"/>

</row>
```

```
</initialvalue>

</stage>

<stage stageid="911117fd-a4f6-4fdc-8c97-a6654af6b470" name="Stages" type="LoopStart">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="30" w="90" h="30"/>

<font family="Segoe UI" size="10" style="Bold" color="3366FF"/>

<onsuccess>35a747c1-325a-4dc7-8114-e919a3070767</onsuccess>

<groupid>5f2bfeb5-0106-4d3b-9cfc-ff4a42cf49fe</groupid>

<looptype>ForEach</looptype>

<loopdata>Stages</loopdata>

</stage>

<stage stageid="4517965e-14ce-42a5-a71d-1b3846647b67" name="Stages" type="LoopEnd">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="345" w="90" h="30"/>

<font family="Segoe UI" size="10" style="Bold" color="3366FF"/>

<onsuccess>b5eb3464-ed49-4750-88d9-08d3aca0c856</onsuccess>

<groupid>5f2bfeb5-0106-4d3b-9cfc-ff4a42cf49fe</groupid>

</stage>

<stage stageid="36c07b87-5503-4a78-9fe4-42b066944d6f" name="Get Stage Logging Level" type="Action">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="165" w="90" h="30"/>

<outputs>

<output type="text" name="Stage Logging Level" friendlyname="Stage Logging Level" narrative="The stag

</outputs>
```

<onsuccess>c72f72b4-cdab-4793-a672-f962654ba10c</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Get Stage Logging

</stage>

<stage stageid="cc63d584-2712-4861-af1f-96a83f592e1d" name="Stage Logging Level" type="Data">

<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>

<display x="-120" y="105" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="7139efbe-b445-4592-94a8-f6e4be101b93" name="Logging Level Correct?" type="Decision

<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>

<display x="15" y="255" w="90" h="30"/>

<decision expression="[Stage Logging Level]=[Stages.Logging Level]"/>

<ontrue>0fe0077d-8c56-48b8-baa0-b72abd6e1795</ontrue>

<onfalse>91b76a54-1173-42c4-b414-deeae426b2d</onfalse>

</stage>

<stage stageid="91b76a54-1173-42c4-b414-deeae426b2d" name="FAIL" type="Exception">

<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>

<display x="90" y="255" w="30" h="30"/>

<exception localized="yes" type="SystemException" detail="&quot;The logging level for &quot;&

</stage>

<stage stageid="c72f72b4-cdab-4793-a672-f962654ba10c" name="Close Properties" type="Action">

<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="210" w="90" h="30"/>



```
<onsuccess>7139efbe-b445-4592-94a8-f6e4be101b93</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Properties Press C

</stage>

<stage stageid="0188f493-1312-4813-8c83-bd73523c2680" name="Input Variables" type="Block">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<display x="-195" y="-60" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="60baf509-0904-4a92-beb1-1510a9065c99" name="Process" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="15" y="-645" w="90" h="30"/>

<onsuccess>3f625693-d3f8-4cc2-9f5c-13f69f03665d</onsuccess>

<processid>3c138572-e69e-4e82-b16a-f96ea87a21e8</processid>

</stage>

<stage stageid="134050d0-efb7-4192-ad0b-35c2f00c76e4" name="Open Process" type="Action">

<subsheetid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetid>

<loginhibit/>

<display x="15" y="-105" w="90" h="30"/>

<inputs>

<input type="text" name="Process Name" expr="&quot;Default Stage Logging Process&quot;"/>

<input type="text" name="Folder to Select" expr=""/>

<input type="number" name="MatchIndex" expr=""/>

</inputs>

<outputs>

<output type="text" name="Access Warning" narrative="Access warning when opening member" stage=""/>

</outputs>

<onsuccess>80cd4e44-f2d8-4925-9c5c-e0c1d0ff663e</onsuccess>
```

<resource object="Blue Prism - Studio - Process / Object" action="Open Process"/>

</stage>

<stage stageid="eff220dc-4d11-4d6f-b136-4e734d6f0226" name="Launch Blue Prism" type="Action">

<display x="15" y="-825" w="90" h="30"/>

<outputs>

<output type="number" name="pid" narrative="PID of the process" stage="PID"/>

</outputs>

<onsuccess>430ae580-8e87-4ce2-8921-73d0cb0946e8</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="4f6bb046-c83a-4e18-aef3-05d75e61e242" name="Sign Into Blue Prism" type="Action">

<display x="15" y="-735" w="90" h="30"/>

<inputs>

<input type="text" name="Username" expr=""/>

<input type="password" name="Password" expr=""/>

<input type="password" name="New Password" narrative="If this is your first login it will prompt you to cha

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>178d4bba-d395-4fb0-a94a-dc1500c9a641</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="178d4bba-d395-4fb0-a94a-dc1500c9a641" name="Go to Studio" type="Action">

<loginhibit/>

<display x="15" y="-690" w="90" h="30"/>

<inputs>

<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;Studio&quot;"

</inputs>

<onsuccess>60baf509-0904-4a92-beb1-1510a9065c99</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="430ae580-8e87-4ce2-8921-73d0cb0946e8" name="Attach Studio" type="Action">

<display x="15" y="-780" w="90" h="30"/>

<inputs>

<input type="number" name="pid" narrative="PID to attach to" expr="[PID]"/>

</inputs>

<onsuccess>4f6bb046-c83a-4e18-aef3-05d75e61e242</onsuccess>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="0fe0077d-8c56-48b8-baa0-b72abd6e1795" name="Delete Stage" type="Action">

<subsheetsid>3c138572-e69e-4e82-b16a-f96ea87a21e8</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="300" w="90" h="30"/>

<onsuccess>4517965e-14ce-42a5-a71d-1b3846647b67</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Stage Manipulation - Delete Selected S

</stage>

</process>

<process name="Test Process Right Click Unlock Option" version="1.0" bpversion="6.8.0.22192" narrative

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="636aafe7-95e7-40d7-b455-ec8b8930c506" type="Normal" published="False">

<name>Setup</name>

<view>

<camerax>0</camerax>

<cameray>42</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="db91855b-9b3d-4cb6-94fe-27675f0c7ea3" type="Normal" published="False">

<name>Pressing Right Click Unlock</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="b7b3c025-94bb-4c84-8306-d28085310cf1" type="Normal" published="False">

<name>Cleanup</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<stage stageid="1b192e5a-e84f-48f2-a127-34c42b9386c6" name="Start" type="Start">

<display x="15" y="-195"/>

<onsuccess>2f02c478-c0d7-4e6c-8a56-bd34e30be6ea</onsuccess>

</stage>

<stage stageid="118af96e-ebf5-48c8-bc80-ecde267d744e" name="End" type="End">

<display x="15" y="135"/>

</stage>

<stage stageid="45254bfe-4c00-4dbb-bf12-b885747f6074" name="Stage1" type="ProcessInfo">

<display x="-210" y="-165" w="150" h="90"/>

</stage>

<stage stageid="fa05a819-09e9-4f9d-82e2-cb6692313f21" name="Setup" type="SubSheetInfo">

<subsheetsid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<display x="-135" y="-75" w="150" h="90"/>

</stage>

<stage stageid="8d00eea5-ae6a-43e6-a39e-19c7138134e0" name="Start" type="Start">

<subsheetsid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<display x="15" y="-105"/>

<onsuccess>a2dad1b9-660f-4e7f-bd0a-50413197dac6</onsuccess>

</stage>

<stage stageid="31d875be-268a-4492-8793-e009e0271793" name="End" type="End">

<subsheetsid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<display x="15" y="345"/>

</stage>

<stage stageid="8d4aa965-2116-48f7-a241-ae30680a359a" name="Pressing Right Click Unlock" type="Su

<subsheetsid>db91855b-9b3d-4cb6-94fe-27675f0c7ea3</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="0866dd75-f4d0-42e3-b1e5-4aa006a25238" name="Start" type="Start">

<subsheetsid>db91855b-9b3d-4cb6-94fe-27675f0c7ea3</subsheetsid>

<display x="15" y="-105"/>

<onsuccess>929979ca-acbd-42ea-bfb8-1bf08faff328</onsuccess>

</stage>

<stage stageid="af599b45-e6e4-42d7-9c91-19ae12cf091c" name="End" type="End">

<subsheetsid>db91855b-9b3d-4cb6-94fe-27675f0c7ea3</subsheetsid>

<display x="15" y="-15"/>

</stage>

<stage stageid="87c44d7a-85b8-4813-87bb-7f59810a46c0" name="Cleanup" type="SubSheetInfo">

<subsheetsid>b7b3c025-94bb-4c84-8306-d28085310cf1</subsheetsid>

<display x="-135" y="-75" w="150" h="90"/>

</stage>

<stage stageid="28b795fa-663c-44b5-84aa-70b251a68f42" name="Start" type="Start">

<subsheetsid>b7b3c025-94bb-4c84-8306-d28085310cf1</subsheetsid>

<display x="15" y="-105"/>

<onsuccess>08579ecc-61e2-461f-a0c5-da9b44682bd0</onsuccess>

</stage>

<stage stageid="c5f3a7c5-7c68-4b53-a2b9-78ea121aca96" name="End" type="End">

<subsheetsid>b7b3c025-94bb-4c84-8306-d28085310cf1</subsheetsid>

<display x="15" y="30"/>

</stage>

<stage stageid="3a34dbe6-1bdf-4100-b055-009d4e863b52" name="Setup" type="SubSheet">

<loginhibit onsucces="true"/>

<display x="15" y="-75" w="270" h="30"/>

<onsuccess>cef4f88c-9e90-4dfb-817c-0c0d4723973d</onsuccess>

<processid>636aafe7-95e7-40d7-b455-ec8b8930c506</processid>

</stage>

<stage stageid="fc1f1d66-ce41-4471-9163-5fe54321327e" name="Pressing Right Click Unlock" type="Sub

<loginhibit onsucceed="true"/>

<display x="15" y="45" w="270" h="30"/>

<onsucceed>fd97014b-f68f-438d-935f-f33bd2f80932</onsucceed>

<processid>db91855b-9b3d-4cb6-94fe-27675f0c7ea3</processid>

</stage>

<stage stageid="fd97014b-f68f-438d-935f-f33bd2f80932" name="Cleanup" type="SubSheet">

<loginhibit onsucceed="true"/>

<display x="15" y="90" w="270" h="30"/>

<onsucceed>118af96e-ebf5-48c8-bc80-ecde267d744e</onsucceed>

<processid>b7b3c025-94bb-4c84-8306-d28085310cf1</processid>

</stage>

<stage stageid="2f02c478-c0d7-4e6c-8a56-bd34e30be6ea" name="Note1" type="Note">

<narrative>GIVEN user A can the lock on the process</narrative>

<display x="15" y="-135" w="270" h="60"/>

<font family="Segoe UI" size="11" style="Bold" color="FF0000"/>

<onsucceed>3a34dbe6-1bdf-4100-b055-009d4e863b52</onsucceed>

</stage>

<stage stageid="cef4f88c-9e90-4dfb-817c-0c0d4723973d" name="Note1" type="Note">

<narrative>WHEN user B uses the right click unlock menu item

THEN the process will release its lock</narrative>

<display x="15" y="-15" w="270" h="60"/>

<font family="Segoe UI" size="11" style="Bold" color="FF0000"/>

<onsucceed>fc1f1d66-ce41-4471-9163-5fe54321327e</onsucceed>

</stage>

<stage stageid="a2dad1b9-660f-4e7f-bd0a-50413197dac6" name="Launch and Get PID" type="Action">

<subsheetid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="120" h="30"/>

<outputs>

<output type="number" name="pid" friendlyname="pid" narrative="PID of the process" stage="pid"/>

</outputs>

<onsuccess>6d386e1d-a79b-4123-a833-06ca5687aa73</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="3e4375eb-3214-44bd-8fff-a94eac349019" name="pid" type="Data">

<subsheetid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetid>

<display x="-135" y="90" w="120" h="30"/>

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1fd9d52b-b2ad-42e5-a91d-0729c662540e" name="Local Variable" type="Block">

<subsheetid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetid>

<loginhibit onsuccess="true"/>

<display x="-210" y="60" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="6d386e1d-a79b-4123-a833-06ca5687aa73" name="Attach to Studio" type="Action">

<subsheetid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-15" w="120" h="30"/>



<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>3763b13f-afdc-42e9-aebe-91874d1ce2a0</onsuccess>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="4f88b22a-2377-4191-b6b1-c7c12801c4b6" name="Sign In (admin)" type="Action">

<subsheetsid>636aaf7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<loginhibit onsucces="true"/>

<display x="15" y="75" w="120" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr="&quot;admin&quot;"/>

<input type="password" name="Password" friendlyname="Password" expr="&quot;admin&quot;"/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

<input type="flag" name="Expected License Wizard" friendlyname="Expected License Wizard" expr=""/>

<input type="flag" name="Sign in Active Directorry" friendlyname="Sign in Active Directorry" narrative="Do

<input type="flag" name="Sign in" friendlyname="Sign in" narrative="Do you want sign in using legacy sso

</inputs>

<outputs>

<output type="text" name="Error Message" friendlyname="Error Message" narrative="Error message recei

</outputs>

<onsucces">5e154e03-7467-424a-a243-fcbb16cee959</onsucces">

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="5e154e03-7467-424a-a243-fcbb16cee959" name="Browse to System" type="Action">

<subsheetsid>636aaf7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="120" w="120" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsuccess>02c51cb8-fae7-4adf-9774-264974d4a711</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="3763b13f-afdc-42e9-aebe-91874d1ce2a0" name="Attach to System" type="Action">

<subsheetsid>636aaf7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="30" w="120" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>4f88b22a-2377-4191-b6b1-c7c12801c4b6</onsuccess>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="3a1e611f-1998-4250-a786-e287f32bb6f9" name="Create a User" type="Action">

<subsheetsid>636aaf7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="210" w="120" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The username of the user you

<input type="password" name="Password" friendlyname="Password" narrative="The password in which yo

<input type="date" name="User Expiry Date" friendlyname="User Expiry Date" narrative="The date in whic

<input type="date" name="Password Expiry Date" friendlyname="Password Expiry Date" narrative="The da

```
<input type="collection" name="Roles" friendlyname="Roles" narrative="The roles you wish to give to your
<input type="text" name="Password Duration" friendlyname="Password Duration" narrative="The duration,
<input type="flag" name="Close Wizard" friendlyname="Close Wizard" expr=""/>
<input type="flag" name="Close Wizard After Error" friendlyname="Close Wizard After Error" expr=""/>
</inputs>

<outputs>

<output type="text" name="Full Error Message" friendlyname="Full Error Message" narrative="Full Error M
<output type="text" name="Right trimmed error message" friendlyname="Right trimmed error message" na
</outputs>

<onsuccess>3689b0c8-0a11-422c-9184-7d5c56646a84</onsuccess>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

</stage>

<stage stageid="d135ddb0-6642-4d1e-bb0d-471ddde13093" name="Second User" type="Data">

<loginhibit onsuccess="true"/>

<display x="-210" y="-75" w="120" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">User (BG-5529)</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="f23d6a78-d5f1-4483-82bd-47115198eb1b" name="Global Variable" type="Block">

<loginhibit onsuccess="true"/>

<display x="-285" y="-105" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="8373ac72-4f10-44c0-a9fd-f3afd83ea55b" name="Role" type="Collection">

<subsheetsid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<display x="-135" y="15" w="120" h="30"/>
```

```
<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value="System Administrators"/>

</row>

</initialvalue>

</stage>

<stage stageid="b61c4e70-dcc0-404d-911a-53e1eefe2746" name="Input Variable" type="Block">

<subsheetsid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="-210" y="-15" w="150" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="3689b0c8-0a11-422c-9184-7d5c56646a84" name="Browse to Sudio" type="Action">

<subsheetsid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="15" y="255" w="120" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsuccess>888a7490-9e88-4c8d-8e0d-48e0a292d680</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>
```

```
</stage>

<stage stageid="888a7490-9e88-4c8d-8e0d-48e0a292d680" name="Open Process" type="Action">

<subsheetid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="300" w="120" h="30"/>

<inputs>

<input type="text" name="Folder to Select" friendlyname="Folder to Select" expr="&quot;BG-5529&quot;">

<input type="number" name="MatchIndex" friendlyname="MatchIndex" expr=""/>

<input type="text" name="Process Name" friendlyname="Process Name" expr="&quot;Process (BG-5529)">

</inputs>

<outputs>

<output type="text" name="Access Warning" friendlyname="Access Warning" narrative="Access warning v"

</outputs>

<onsuccess>31d875be-268a-4492-8793-e009e0271793</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Open Process"/>

</stage>

<stage stageid="02c51cb8-fae7-4adf-9774-264974d4a711" name="Browse to Users" type="Action">

<subsheetid>636aafe7-95e7-40d7-b455-ec8b8930c506</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="165" w="120" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended"

<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked"

<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item to be clicked"

<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default"

<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True"

<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required"

</inputs>

<outputs>

<output type="text" name="Access Warning" friendlyname="Access Warning" narrative="Access warning v"

</outputs>

<onsuccess>31d875be-268a-4492-8793-e009e0271793</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Open Process"/>

</stage>
```

</inputs>

<onsuccess>3a1e611f-1998-4250-a786-e287f32bb6f9</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="929979ca-acbd-42ea-bfb8-1bf08faff328" name="Call Sub Process" type="Process">

<subsheetsid>db91855b-9b3d-4cb6-94fe-27675f0c7ea3</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-60" w="120" h="30"/>

<onsheets>af599b45-e6e4-42d7-9c91-19ae12cf091c</onsheets>

<processid>cd109068-7fad-4626-a579-743beac206ce</processid>

</stage>

<stage stageid="08579ecc-61e2-461f-a0c5-da9b44682bd0" name="Close Process" type="Action">

<subsheetsid>b7b3c025-94bb-4c84-8306-d28085310cf1</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-60" w="120" h="30"/>

<onsheets>400dee57-c23b-4a34-a6a9-6e5fafe23b84</onsheets>

<resource object="Blue Prism" action="Close All Child Windows"/>

</stage>

<stage stageid="400dee57-c23b-4a34-a6a9-6e5fafe23b84" name="Terminate Blue Prism" type="Action">

<subsheetsid>b7b3c025-94bb-4c84-8306-d28085310cf1</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-15" w="120" h="30"/>

<onsheets>c5f3a7c5-7c68-4b53-a2b9-78ea121aca96</onsheets>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

</process>

<process name="Test Process Validation Permission" version="1.0" bpversion="7.1.0.52258" narrative=""

<view>

<camerax>-54</camerax>

<cameray>-3</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="4be97e8a-7ef8-42da-8ca2-b99983f82bee" type="Normal" published="False">

<name>setup</name>

<view>

<camerax>0</camerax>

<cameray>42</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0" type="Normal" published="False">

<name>edit user permission</name>

<view>

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<cameray>0</cameray>

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

</view>

</subsheet>

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<name>check process validation</name>

<view>

<camerax>-53</camerax>

<cameray>63</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="33796715-8265-4fe0-9b08-1d80e5b2381a" type="Normal" published="False">

<name>cleanup</name>

<view>

<camerax>0</camerax>

<cameray>69</cameray>

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

</view>

</subsheet>

<stage stageid="717d68fa-bcd1-4cbb-8e77-0d71f5411d9c" name="Start" type="Start">

<display x="15" y="-150"/>

<onsuccess>4eeda4b4-ca36-4619-a93b-55ba159a1112</onsuccess>

</stage>

<stage stageid="278f1b25-f1cc-4bd7-bd47-246e28f527a0" name="End" type="End">

<display x="255" y="465"/>

</stage>

<stage stageid="aff91c38-857d-4558-892b-ba0f3c8c4753" name="Stage1" type="ProcessInfo">

<display x="-165" y="-90" w="210" h="150"/>

</stage>

<stage stageid="899f99fe-0513-427e-b192-94840b725f6f" name="setup" type="SubSheetInfo">

<subsheetid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</subsheetid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="d57eda8f-119d-4925-b222-e7b712a37f98" name="Start" type="Start">



<subsheetid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</subsheetid>

<display x="15" y="-120"/>

<onsuccess>7e8af499-6c41-46e8-97ab-90fbd9b0ab1f</onsuccess>

</stage>

<stage stageid="65c3ac0d-ae34-4e84-852c-65086093e568" name="End" type="End">

<subsheetid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</subsheetid>

<display x="15" y="60"/>

</stage>

<stage stageid="b11c400d-79cd-48a0-ba2c-e90d8a5f7eb6" name="Create New User" type="Action">

<subsheetid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="15" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The username of the user you

<input type="password" name="Password" friendlyname="Password" narrative="The password in which yo

<input type="date" name="User Expiry Date" friendlyname="User Expiry Date" narrative="The date in whic

<input type="date" name="Password Expiry Date" friendlyname="Password Expiry Date" narrative="The d

<input type="collection" name="Roles" friendlyname="Roles" narrative="The roles you wish to give to your

<input type="text" name="Password Duration" friendlyname="Password Duration" narrative="The duration,

<input type="flag" name="Close Wizard" friendlyname="Close Wizard" expr=""/>

<input type="flag" name="Close Wizard After Error" friendlyname="Close Wizard After Error" expr=""/>

</inputs>

<outputs>

<output type="text" name="Full Error Message" friendlyname="Full Error Message" narrative="Full Error M

<output type="text" name="Right trimmed error message" friendlyname="Right trimmed error message" na

</outputs>

<onsuccess>65c3ac0d-ae34-4e84-852c-65086093e568</onsuccess>

<resource object="Blue Prism - System - Security" action="Create New Username"/>

</stage>

<stage stageid="862fd2c7-0bc1-49c8-b089-39b6e8d427e7" name="check process validation" type="SubS

<subsheetsid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="1a1a886a-d936-4b12-ba71-071cb6ae21c7" name="Start" type="Start">

<subsheetsid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetsid>

<display x="15" y="-135"/>

<onsuccess>cd292f11-f62e-4bcc-912b-525bbebadc33</onsuccess>

</stage>

<stage stageid="29b499f0-5523-4c46-8c19-95221628b22b" name="End" type="End">

<subsheetsid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetsid>

<display x="15" y="165"/>

</stage>

<stage stageid="60c2604d-5ec2-4224-a263-00d3c444eacb" name="edit user permission" type="SubShee

<subsheetsid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetsid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="596910cf-a687-4132-9a06-db9513022f3a" name="Start" type="Start">

<subsheetsid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetsid>

<display x="15" y="-150"/>

<onsuccess>bd4e56e6-97d6-478a-a375-c5a628fb218b</onsuccess>

</stage>

<stage stageid="1575a1f5-e371-4b96-b51b-c6fea9cafc1a" name="End" type="End">

<subsheetsid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetsid>

<display x="15" y="120"/>

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</stage>

<stage stageid="019688f7-fbc7-4327-86e5-268a3f4aab8f" name="setup" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="15" y="75" w="90" h="30"/>

<onsuccess>09ff90d2-ce22-4d95-8c50-4deebfa152b7</onsuccess>

<processid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</processid>

</stage>

<stage stageid="b389ae12-c754-48b3-b1b4-9073a73a1069" name="cleanup" type="SubSheetInfo">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<display x="-195" y="-105" w="150" h="90"/>

</stage>

<stage stageid="ba020801-0170-4813-9c8f-9aab65047712" name="Start" type="Start">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<display x="15" y="-195"/>

<onsuccess>d005166e-83a7-4667-ba92-29b4b3319f24</onsuccess>

</stage>

<stage stageid="66efdb53-fb36-42bd-9541-2f0f1b9582a8" name="End" type="End">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<display x="15" y="390"/>

</stage>

<stage stageid="2c460840-feaf-4f6a-9415-91c45b589ee9" name="Delete User" type="Action">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="30" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" narrative="The name of the user you wish to delete"/>

</inputs>
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<onsuccess>1f1bdc52-bbe4-4b45-b7d1-c57401d091d2</onsuccess>

<resource object="Blue Prism - System - Security" action="Delete Username"/>

</stage>

<stage stageid="e61fbcea-3255-45cc-89c5-fd5450fa830c" name="Select Role" type="Action">

<subsheetsid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="-15" w="90" h="30"/>

<inputs>

<input type="text" name="Role Name" friendlyname="Role Name" narrative="Name of the Role to be clicked"/>

</inputs>

<onsheets>caad49fd-b353-4b41-9d14-30556c4391a0</onsheets>

<resource object="Blue Prism - System - Security" action="User Roles - Select Role"/>

</stage>

<stage stageid="caad49fd-b353-4b41-9d14-30556c4391a0" name="Check Permission" type="Action">

<subsheetsid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetsid>

<loginhibit onsheets="true"/>

<display x="15" y="30" w="90" h="30"/>

<inputs>

<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the Parent Node"/>

<input type="text" name="Child Node Name" friendlyname="Child Node Name" narrative="Name of the Child Node"/>

<input type="flag" name="Check?" friendlyname="Check?" narrative="True if Item needs to be Checked, False otherwise"/>

</inputs>

<onsheets>6d7b834c-1682-41a5-a2b4-03e6b66e7fb0</onsheets>

<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Child Node"/>

</stage>

<stage stageid="6d7b834c-1682-41a5-a2b4-03e6b66e7fb0" name="Apply Change" type="Action">

<subsheetsid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetsid>

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<loginhibit onsuccess="true"/>

<display x="15" y="75" w="90" h="30"/>

<onsuccess>1575a1f5-e371-4b96-b51b-c6fea9cafc1a</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>

</stage>

<stage stageid="39966f31-e662-4c9b-8f7e-ce78d62b356c" name="check process validation" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="135" y="120" w="90" h="30"/>

<onsuccess>05a58bbf-91e7-44ff-85ae-13c25118f5cf</onsuccess>

<processid>587075b0-a919-4bdc-a438-b9d08b54cc1d</processid>

</stage>

<stage stageid="81a6a6d6-18dc-4a6d-acf8-13080e791b42" name="cleanup" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="255" y="420" w="90" h="30"/>

<onsuccess>278f1b25-f1cc-4bd7-bd47-246e28f527a0</onsuccess>

<processid>33796715-8265-4fe0-9b08-1d80e5b2381a</processid>

</stage>

<stage stageid="cdc260b1-41ee-4905-b03f-42b94f3b654e" name="Blue Prism - System - Security::User Roles" type="SubSheet">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="120" w="90" h="30"/>

<inputs>

<input type="text" name="Role Name" friendlyname="Role Name" narrative="Name of the Role to be clicked" value="" />

</inputs>

<onsuccess>149fb55b-660e-4157-9a1c-048e45d37399</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Select Role"/>

</stage>
```

```
<stage stageid="82daea4d-bddc-4e8b-9af6-c6d8503cb256" name="Check Permission" type="Action">
<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>
<loginhibit onsuccess="true"/>
<display x="15" y="255" w="90" h="30"/>
<inputs>
<input type="text" name="Parent Node Name" friendlyname="Parent Node Name" narrative="Name of the
<input type="text" name="Child Node Name" friendlyname="Child Node Name" narrative="Name of the chi
<input type="flag" name="Check?" friendlyname="Check?" narrative="True if Item needs to be Checked, F
</inputs>
<onsuccess>dc21179c-6e25-4ec5-ae32-d8e1bfc53652</onsuccess>
<resource object="Blue Prism - System - Security" action="User Roles - Check/Uncheck Child Node"/>
</stage>
<stage stageid="dc21179c-6e25-4ec5-ae32-d8e1bfc53652" name="Apply Change" type="Action">
<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>
<loginhibit onsuccess="true"/>
<display x="15" y="300" w="90" h="30"/>
<onsuccess>11607a89-2424-495b-8595-45bb041ae2d5</onsuccess>
<resource object="Blue Prism - System - Security" action="User Roles - Press Apply Button"/>
</stage>
<stage stageid="2d4c7743-7c41-414f-8817-3addb2279f18" name="Open Process" type="Action">
<subsheetid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetid>
<loginhibit onsuccess="true"/>
<display x="15" y="-45" w="90" h="30"/>
<inputs>
<input type="text" name="Process Name" friendlyname="Process Name" expr="[Process Name]"/>
<input type="text" name="Folder to Select" friendlyname="Folder to Select" expr=""/>
<input type="number" name="MatchIndex" friendlyname="MatchIndex" expr=""/>
```

```
</inputs>

<outputs>

<output type="text" name="Access Warning" friendlyname="Access Warning" narrative="Access warning v

</outputs>

<onsuccess>08cf5ed3-ab4a-4bde-8ef3-35c9efe3c1c7</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Open Process"/>

</stage>

<stage stageid="08cf5ed3-ab4a-4bde-8ef3-35c9efe3c1c7" name="Open Validation Window" type="Action"

<subsheetid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="15" w="90" h="30"/>

<inputs>

<input type="text" name="Process / Object Name" friendlyname="Process / Object Name" narrative="Nam

</inputs>

<onsuccess>db3de267-d168-4f3f-80a0-4d85fa491561</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Validation - Open Validation Window"/>

</stage>

<stage stageid="db3de267-d168-4f3f-80a0-4d85fa491561" name="Close validation window" type="Action"

<subsheetid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="75" w="90" h="30"/>

<onsuccess>2c977aeb-1fee-4fa8-957b-b67de8ec72ab</onsuccess>

<resource object="Blue Prism - Studio - Process / Object" action="Validation - Close Validation"/>

</stage>

<stage stageid="0ee1ecb3-2bc9-45e1-bf5b-6a18155741f4" name="Sign in" type="Action">

<loginhibit onsuccess="true"/>

<display x="15" y="30" w="90" h="30"/>
```

<inputs>

<input type="text" name="Username" friendlyname="Username" expr=""/>

<input type="password" name="Password" friendlyname="Password" expr=""/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>019688f7-fbc7-4327-86e5-268a3f4aab8f</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="09ff90d2-ce22-4d95-8c50-4deebfa152b7" name="Sign Out" type="Action">

<loginhibit onsuccess="true"/>

<display x="15" y="120" w="90" h="30"/>

<onsuccess>548e12a3-22a9-4ff5-9d64-d5d9c3d2aed2</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="7e7057f3-d4fa-4b39-b763-ee4824cbcc24" name="Sign in (test user)" type="Action">

<loginhibit onsuccess="true"/>

<display x="135" y="30" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr="[user name]"/>

<input type="password" name="Password" friendlyname="Password" expr="[password]"/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>



```
<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage="" />

</outputs>

<onsuccess>39966f31-e662-4c9b-8f7e-ce78d62b356c</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="548e12a3-22a9-4ff5-9d64-d5d9c3d2aed2" name="Anchor1" type="Anchor">

<loginhibit onsuccess="true"/>

<display x="75" y="120" w="10" h="10"/>

<onsuccess>651780e4-7f7b-4fd2-85e9-7513a12b9f00</onsuccess>

</stage>

<stage stageid="651780e4-7f7b-4fd2-85e9-7513a12b9f00" name="Anchor3" type="Anchor">

<loginhibit onsuccess="true"/>

<display x="75" y="30" w="10" h="10"/>

<onsuccess>7e7057f3-d4fa-4b39-b763-ee4824cbcc24</onsuccess>

</stage>

<stage stageid="05a58bbf-91e7-44ff-85ae-13c25118f5cf" name="Sign out" type="Action">

<loginhibit onsuccess="true"/>

<display x="135" y="225" w="90" h="30"/>

<onsuccess>2eadcb9f-7495-4d31-af74-5c450d516a85</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="7e8af499-6c41-46e8-97ab-90fbd9b0ab1f" name="Navigate to System" type="Action">

<subsheetid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-75" w="90" h="30"/>

<inputs>
```

```
<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&
</inputs>

<onsuccess>f739e33e-a238-44c0-acb8-e00b6243a7e5</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="2eadcb9f-7495-4d31-af74-5c450d516a85" name="Sign in" type="Action">

<loginhibit onsuccess="true"/>

<display x="135" y="270" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr=""/>

<input type="password" name="Password" friendlyname="Password" expr=""/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir
<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>102fae03-a658-4942-9195-9fde800ddc05</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="102fae03-a658-4942-9195-9fde800ddc05" name="edit user permission" type="SubSheet"
<loginhibit onsuccess="true"/>

<display x="135" y="315" w="90" h="30"/>

<onsuccess>adb8a971-9024-4e15-bad9-9f0c55156597</onsuccess>

<processid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</processid>

</stage>

<stage stageid="adb8a971-9024-4e15-bad9-9f0c55156597" name="Sign out" type="Action">
```

```
<loginhibit onsuccess="true"/>

<display x="135" y="360" w="90" h="30"/>

<onsuccess>722295ae-3524-4d2e-8c81-4055f3b53139</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="eda5d65b-be14-4eaf-bc57-682e898ed688" name="check process validation" type="SubS

<loginhibit onsuccess="true"/>

<display x="255" y="315" w="90" h="30"/>

<onsuccess>81a6a6d6-18dc-4a6d-acf8-13080e791b42</onsuccess>

<processid>587075b0-a919-4bdc-a438-b9d08b54cc1d</processid>

</stage>

<stage stageid="ab7c6d1a-0ae2-45e4-8f67-44eed833dce0" name="Sign in (test user)" type="Action">

<loginhibit onsuccess="true"/>

<display x="255" y="225" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr="[user name]"/>

<input type="password" name="Password" friendlyname="Password" expr="[password]"/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>eda5d65b-be14-4eaf-bc57-682e898ed688</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="722295ae-3524-4d2e-8c81-4055f3b53139" name="Anchor2" type="Anchor">
```

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<loginhibit onsuccess="true"/>

<display x="195" y="360" w="10" h="10"/>

<onsuccess>98b4d3ee-1537-4341-b4fb-2e65b962a557</onsuccess>

</stage>

<stage stageid="98b4d3ee-1537-4341-b4fb-2e65b962a557" name="Anchor4" type="Anchor">

<loginhibit onsuccess="true"/>

<display x="195" y="225" w="10" h="10"/>

<onsuccess>ab7c6d1a-0ae2-45e4-8f67-44eed833dce0</onsuccess>

</stage>

<stage stageid="a22020b5-5974-4e40-8f96-c06d860ad616" name="Permission Error 1" type="Exception">

<display x="420" y="165"/>

<exception localized="yes" type="Test Error" detail="[Error] &amp;&amp; &amp;quot; User had developer ro

</stage>

<stage stageid="029ae086-3391-4b7a-980d-f1172d986cd0" name="Scenario 1" type="Block">

<loginhibit onsuccess="true"/>

<display x="90" y="60" w="180" h="135"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="6f44f111-754c-4bc0-a286-c859b3dc7693" name="Recover1" type="Recover">

<loginhibit/>

<display x="225" y="75"/>

<onsuccess>7aaf7c8c-e097-4a4b-a0df-6caad3d6edbd</onsuccess>

</stage>

<stage stageid="7aaf7c8c-e097-4a4b-a0df-6caad3d6edbd" name="Write Error" type="Calculation">

<loginhibit onsuccess="true"/>

<display x="225" y="120"/>

<onsuccess>7290d43e-3f63-49ed-a837-fb43493600bf</onsuccess>
```

```
<calculation expression="ExceptionDetail()" stage="Error"/>

</stage>

<stage stageid="7290d43e-3f63-49ed-a837-fb43493600bf" name="Resume1" type="Resume">

<loginhibit/>

<display x="225" y="165"/>

<onsuccess>01d3aa68-27ea-4a0f-8a3b-e3633531ab27</onsuccess>

</stage>

<stage stageid="01d3aa68-27ea-4a0f-8a3b-e3633531ab27" name="cleanup" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="330" y="165" w="90" h="30"/>

<onsuccess>a22020b5-5974-4e40-8f96-c06d860ad616</onsuccess>

<processid>33796715-8265-4fe0-9b08-1d80e5b2381a</processid>

</stage>

<stage stageid="7ed59adf-672e-4056-adba-0e3c1cd7c4ef" name="Scenario 2" type="Block">

<loginhibit onsuccess="true"/>

<display x="210" y="255" w="180" h="135"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="b62c1b9a-31a2-41d5-a601-cddd9e2dce9a" name="Permission Error 2" type="Exception">

<display x="540" y="360"/>

<exception localized="yes" type="Test Error" detail="[Error] &amp;&amp; &amp;quot; User had developer ro

</stage>

<stage stageid="5ea334e8-a64e-4b06-ade2-542ac5d7899b" name="Recover1" type="Recover">

<loginhibit/>

<display x="345" y="270"/>

<onsuccess>dfa195ba-d156-448f-bd27-1e3ba75fddc6</onsuccess>

</stage>
```

```
<stage stageid="dfa195ba-d156-448f-bd27-1e3ba75fddc6" name="Write error" type="Calculation">
<loginhibit onsuccess="true"/>
<display x="345" y="315"/>
<onsuccess>f26a163d-f07a-44a3-8ec0-35ff764bf778</onsuccess>
<calculation expression="ExceptionDetail()" stage="Error"/>
</stage>
<stage stageid="f26a163d-f07a-44a3-8ec0-35ff764bf778" name="Resume1" type="Resume">
<loginhibit/>
<display x="345" y="360"/>
<onsuccess>8efc26a0-c6d5-420e-ad61-d055ffd5f246</onsuccess>
</stage>
<stage stageid="8efc26a0-c6d5-420e-ad61-d055ffd5f246" name="cleanup" type="SubSheet">
<loginhibit onsuccess="true"/>
<display x="450" y="360" w="90" h="30"/>
<onsuccess>b62c1b9a-31a2-41d5-a601-cddd9e2dce9a</onsuccess>
<processid>33796715-8265-4fe0-9b08-1d80e5b2381a</processid>
</stage>
<stage stageid="41c5adf9-5d08-4cd0-8af2-5ced4b992008" name="Error" type="Data">
<display x="-225" y="255" w="90" h="30"/>
<datatype>text</datatype>
<initialvalue/>
<private/>
<alwaysinit/>
</stage>
<stage stageid="d005166e-83a7-4667-ba92-29b4b3319f24" name="Sign out" type="Action">
<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>
<loginhibit onsuccess="true"/>
```

```
<display x="15" y="-150" w="90" h="30"/>

<onsuccess>d847c784-ea26-4df5-946c-5446240613c2</onsuccess>

<resource object="Blue Prism" action="Sign Out"/>

</stage>

<stage stageid="d847c784-ea26-4df5-946c-5446240613c2" name="Sign in" type="Action">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-105" w="90" h="30"/>

<inputs>

<input type="text" name="Username" friendlyname="Username" expr=""/>

<input type="password" name="Password" friendlyname="Password" expr=""/>

<input type="password" name="New Password" friendlyname="New Password" narrative="If this is your fir

<input type="flag" name="Expect Password Reset" friendlyname="Expect Password Reset" expr=""/>

</inputs>

<outputs>

<output type="text" name="Locale" friendlyname="Locale" narrative="Blue Prism Locale setting" stage=""/>

</outputs>

<onsuccess>d036dc57-3762-4ee2-b6b0-03094c2cf115</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="cd292f11-f62e-4bcc-912b-525bbebadc33" name="Navigate to studio" type="Action">

<subsheetid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-90" w="90" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>
```

<onsuccess>2d4c7743-7c41-414f-8817-3addb2279f18</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="1d51b2ee-3895-4d94-b797-e7d7ca47d183" name="user name" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="30" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">processvalperm3312</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="7ee0010a-ee1e-408d-a869-f25c4b3281ae" name="Global" type="Block">

<loginhibit onsuccess="true"/>

<display x="-270" y="0" w="90" h="210"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="55616345-9b97-44fd-bc40-040318417d50" name="password" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="60" w="90" h="30"/>

<datatype>password</datatype>

<initialvalueenc>32</initialvalueenc>

<alwaysinit/>

</stage>

<stage stageid="60c64165-ff53-4e5e-b9e3-414bbcd88648" name="Role" type="Collection">

<display x="-225" y="90" w="90" h="30"/>

<datatype>collection</datatype>

<alwaysinit/>

<collectioninfo>



```
<field name="Role" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Role" type="text" value="Developers"/>

</row>

</initialvalue>

</stage>

<stage stageid="bdd025cf-43db-4e32-951c-12c1d6edd288" name="Process Name" type="Data">

<loginhibit onsuccess="true"/>

<display x="-225" y="120" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue xml:space="preserve">For Validation BG3312</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="bd4e56e6-97d6-478a-a375-c5a628fb218b" name="Navigate to system" type="Action">

<subsheetid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-105" w="90" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsuccess>2e2713f2-9b0a-4b17-8284-9d4e96aef75b</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="3b9d2352-958d-4da5-b2ac-9010ecfffc5b" name="Local Data" type="Block">

<loginhibit onsuccess="true"/>
```

<display x="-270" y="225" w="90" h="90"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="d036dc57-3762-4ee2-b6b0-03094c2cf115" name="Navigate to system" type="Action">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="-60" w="90" h="30"/>

<inputs>

<input type="text" name="Tab Name" friendlyname="Tab Name" narrative="Name of Tab to Click" expr="&

</inputs>

<onsuccess>8c89d834-5b5f-4aff-81dc-8c7bc11d8c7f</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="11607a89-2424-495b-8595-45bb041ae2d5" name="Sign out" type="Action">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="345" w="90" h="30"/>

<onsuccess>66efdb53-fb36-42bd-9541-2f0f1b9582a8</onsuccess>

<resource object="Blue Prism" action="Exit Application"/>

</stage>

<stage stageid="2c977aeb-1fee-4fa8-957b-b67de8ec72ab" name="Close Process" type="Action">

<subsheetid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetid>

<loginhibit onsucces="true"/>

<display x="15" y="120" w="90" h="30"/>

<onsuccess>29b499f0-5523-4c46-8c19-95221628b22b</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Close All Child Windows"/>

</stage>

```
<stage stageid="d4ec5721-596c-4ebc-bce2-06b9385128cb" name="Child Node" type="Data">
<loginhibit onsuccess="true"/>
<display x="-225" y="150" w="90" h="30"/>
<datatype>text</datatype>
<initialvalue xml:space="preserve">Audit - Configure Design Controls</initialvalue>
<alwaysinit/>
</stage>
<stage stageid="334a449b-d7e3-40e8-b86f-cf9d2fe3e756" name="Parent node" type="Data">
<loginhibit onsuccess="true"/>
<display x="-225" y="180" w="90" h="30"/>
<datatype>text</datatype>
<initialvalue xml:space="preserve">System Manager</initialvalue>
<alwaysinit/>
</stage>
<stage stageid="4eeda4b4-ca36-4619-a93b-55ba159a1112" name="Launch BP" type="Action">
<loginhibit onsuccess="true"/>
<display x="15" y="-105" w="90" h="30"/>
<outputs>
<output type="number" name="pid" friendlyname="pid" narrative="PID of the process" stage="pid"/>
</outputs>
<onsuccess>f30c5f2d-afd9-49ed-98c3-36313c77d5d9</onsuccess>
<resource object="Blue Prism" action="Launch and Get PID"/>
</stage>
<stage stageid="99bebd18-dffc-4c77-8849-218d97cbd10c" name="pid" type="Data">
<display x="-225" y="285" w="90" h="30"/>
<datatype>number</datatype>
<initialvalue/>
```

<private/>

<alwaysinit/>

</stage>

<stage stageid="f30c5f2d-afd9-49ed-98c3-36313c77d5d9" name="Attach System(parent)" type="Action">

<loginhibit onsucceed="true"/>

<display x="15" y="-60" w="90" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsucceed>af4b734d-426c-4858-9ee0-37dff198da6e</onsucceed>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="af4b734d-426c-4858-9ee0-37dff198da6e" name="Attached Studio(parent)" type="Action">

<loginhibit onsucceed="true"/>

<display x="15" y="-15" w="90" h="30"/>

<inputs>

<input type="number" name="pid" friendlyname="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsucceed>0ee1ecb3-2bc9-45e1-bf5b-6a18155741f4</onsucceed>

<resource object="Blue Prism - Studio (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="f739e33e-a238-44c0-acb8-e00b6243a7e5" name="Navigate to Users" type="Action">

<subsheetid>4be97e8a-7ef8-42da-8ca2-b99983f82bee</subsheetid>

<loginhibit onsucceed="true"/>

<display x="15" y="-30" w="90" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended"/>

```
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item to be clicked" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default. Set False if clicking on a sub item" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True. Set False if clicking on a sub item" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if clicking on a sub item" />
</inputs>

<onsuccess>b11c400d-79cd-48a0-ba2c-e90d8a5f7eb6</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="2e2713f2-9b0a-4b17-8284-9d4e96aef75b" name="Navigate to User Roles" type="Action">

<subsheetid>426c865b-3d2c-4c7e-b2c0-9dad6e3d9ef0</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="-60" w="90" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended" />
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item to be clicked" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default. Set False if clicking on a sub item" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True. Set False if clicking on a sub item" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if clicking on a sub item" />
</inputs>

<onsuccess>e61fbcea-3255-45cc-89c5-fd5450fa830c</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="8c89d834-5b5f-4aff-81dc-8c7bc11d8c7f" name="Navigate to Users" type="Action">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>
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```
<display x="15" y="-15" w="90" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended" />
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />

</inputs>

<onsuccess>2c460840-feaf-4f6a-9415-91c45b589ee9</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="1f1bdc52-bbe4-4b45-b7d1-c57401d091d2" name="Navigate to User Roles" type="Action" />

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="75" w="90" h="30"/>

<inputs>

<input type="text" name="Tree Name" friendlyname="Tree Name" narrative="Name of the tree to be extended" />
<input type="text" name="Item Name" friendlyname="Item Name" narrative="Name of the item to be clicked" />
<input type="text" name="Sub Item Name" friendlyname="Sub Item Name" narrative="Name of the sub item" />
<input type="flag" name="Select Item Method?" friendlyname="Select Item Method?" narrative="True by Default" />
<input type="flag" name="Retry MouseClick?" friendlyname="Retry MouseClick?" narrative="Default to True" />
<input type="flag" name="Clean Up?" friendlyname="Clean Up?" narrative="False by Default. Set True if cleanup is required" />

</inputs>

<onsuccess>cdc260b1-41ee-4905-b03f-42b94f3b654e</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>
```

<stage stageid="576a3847-ebb2-48ba-b74f-211c98fb9435" name="local error" type="Data">

<subsheetsid>587075b0-a919-4bdc-a438-b9d08b54cc1d</subsheetsid>

<display x="-240" y="-30" w="90" h="30"/>

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="6ab13477-7ce0-45d8-bfe4-f712bebf8d" name="General Test Error" type="Exception">

<display x="630" y="510"/>

<exception localized="yes" type="Test Error" detail="[Error]"/>

</stage>

<stage stageid="7b6a84f4-1f67-4b19-99eb-c832ca068c6e" name="Recover1" type="Recover">

<loginhibit/>

<display x="435" y="420"/>

<onsuccess>24f5a132-29c5-442b-8319-d2e0c31bbdd5</onsuccess>

</stage>

<stage stageid="24f5a132-29c5-442b-8319-d2e0c31bbdd5" name="Write error" type="Calculation">

<loginhibit onsuccess="true"/>

<display x="435" y="465"/>

<onsuccess>a11a8f1d-d882-4378-82f9-29361b33b7b9</onsuccess>

<calculation expression="ExceptionDetail()" stage="Error"/>

</stage>

<stage stageid="a11a8f1d-d882-4378-82f9-29361b33b7b9" name="Resume1" type="Resume">

<loginhibit/>

<display x="435" y="510"/>

<onsuccess>53724a2a-49fa-4ddc-a561-b2f4752ad459</onsuccess>

```
</stage>

<stage stageid="53724a2a-49fa-4ddc-a561-b2f4752ad459" name="cleanup" type="SubSheet">

<loginhibit onsuccess="true"/>

<display x="540" y="510" w="90" h="30"/>

<onsuccess>6ab13477-7ce0-45d8-bfe4-f712bebf8d</onsuccess>

<processid>33796715-8265-4fe0-9b08-1d80e5b2381a</processid>

</stage>

<stage stageid="83efc852-60c9-476e-872f-39198c966ac2" name="Data" type="Block">

<subsheetsid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="-270" y="-45" w="105" h="60"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="f6ec33a6-19bf-41f1-8f7f-522c24e50587" name="Dev permissions changed?" type="Decision">

<subsheetsid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetsid>

<display x="15" y="210" w="90" h="30"/>

<decision expression="[Checked]"/>

<ontrue>82daea4d-bddc-4e8b-9af6-c6d8503cb256</ontrue>

<onfalse>8ac55fae-a2fa-44fd-953e-7efa62850708</onfalse>

</stage>

<stage stageid="8ac55fae-a2fa-44fd-953e-7efa62850708" name="Anchor5" type="Anchor">

<subsheetsid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetsid>

<loginhibit onsuccess="true"/>

<display x="90" y="210" w="10" h="10"/>

<onsuccess>b363a19e-d826-43e6-9f6e-37f0836fab17</onsuccess>

</stage>

<stage stageid="b363a19e-d826-43e6-9f6e-37f0836fab17" name="Anchor6" type="Anchor">
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```
<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>

<display x="90" y="345" w="10" h="10"/>

<onsuccess>11607a89-2424-495b-8595-45bb041ae2d5</onsuccess>

</stage>

<stage stageid="149fb55b-660e-4157-9a1c-048e45d37399" name="Blue Prism - System - Security::User Roles - Is Node Checked?" type="Data">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<loginhibit onsuccess="true"/>

<display x="15" y="165" w="90" h="30"/>

<inputs>

<input type="text" name="Node Name" friendlyname="Node Name" narrative="Name of the Node to read information from" value="" />

</inputs>

<outputs>

<output type="flag" name="Checked" friendlyname="Checked" narrative="True if the node is already checked" value="false" />

</outputs>

<onsuccess>f6ec33a6-19bf-41f1-8f7f-522c24e50587</onsuccess>

<resource object="Blue Prism - System - Security" action="User Roles - Is Node Checked?" />

</stage>

<stage stageid="3dd89b7d-7c20-4189-a580-98819f1882cb" name="Checked" type="Data">

<subsheetid>33796715-8265-4fe0-9b08-1d80e5b2381a</subsheetid>

<display x="-225" y="-15" w="90" h="30"/>

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

</process>
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<process name="Test Queue actions on invalid queues" version="1.0" bpversion="6.6.0.12882" narrative=  
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<cameray>111</cameray>  
  
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</view>  
  
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<endpoint narrative=""/>  
  
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<view>  
  
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</view>  
  
</subsheet>  
  
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<narrative>The Data collection contains the items to be added to the queue. The collection may contain sin

If there is a failure during the process, the queue will be unchanged - i.e. no rows will be loaded even if the

If Defer Until is specified, the items will not be available to be worked until then. Otherwise, they are availab

If the queue has a key field defined, an item added has key data longer than the maximum permitted 255 c

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<input type="collection" name="Data" friendlyname="Data" narrative="A collection containing the data, one

<input type="datetime" name="Defer Until" friendlyname="Defer Until" narrative="Optionally, the date/time

<input type="number" name="Priority" friendlyname="Priority" narrative="Optionally, the priority for the new

<input type="text" name="Tags" friendlyname="Tags" narrative="Optionally, a semi-colon-separated set of

<input type="text" name="Status" friendlyname="Status" narrative="Optionally, the initial status required of

</inputs>

<outputs>

<output type="collection" name="Item IDs" friendlyname="Item IDs" narrative="The IDs of the items which

</outputs>

<onsuccess>2dc5536b-224d-4911-bb42-a70635a66a81</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

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<stage stageid="8fd47aac-e280-4cb7-9178-15ae22acaa05" name="Resume" type="Resume">

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</stage>

<stage stageid="54e9a208-38fb-4f9c-b924-993649ee6f5d" name="Exception Correct?" type="Decision">

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<decision expression="[Exception]=&quot;The queue with name 'This isn't a queue name and never v

<ontrue>337ad7cf-245a-49af-9558-276f0267abf4</ontrue>
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<onfalse>b2f12741-27f9-4c40-9266-fc685bf8cd45</onfalse>

</stage>

<stage stageid="b2f12741-27f9-4c40-9266-fc685bf8cd45" name="FAIL" type="Exception">

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<stage stageid="2573bf03-fa1d-4486-8360-09369df801d1" name="Add to Queue" type="SubSheet">

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<stage stageid="9da9e05d-56e8-4562-9843-582c97cbf3aa" name="Get Pending Items" type="SubSheet">

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</stage>

<stage stageid="fa627fe0-8f74-41c6-869c-34c5951012f1" name="End" type="End">

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<stage stageid="bc6c4f7f-ee07-4d43-9e22-7baaac9e550f" name="Get Pending Items" type="Action">
  <subsheetsid>2ce0930a-0eb7-4892-8a6c-ecbeb6cf3a8d</subsheetsid>

  <narrative>Retrieves the IDs for all currently pending work queue items in the specified queue, matching the
  <displayx>15</displayx>
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  <inputs>
    <input type="text" name="Queue Name" friendlyname="Queue Name" narrative="The name of the queue for which to retrieve pending items."/>
    <input type="text" name="Key Filter" friendlyname="Key Filter" narrative="Optionally, a key value to filter by."/>
    <input type="text" name="Tag Filter" friendlyname="Tag Filter" narrative="Optionally, a tag mask to filter by."/>
    <input type="number" name="Maximum" friendlyname="Maximum" narrative="Optionally, the maximum number of items to return."/>
    <input type="number" name="Skip" friendlyname="Skip" narrative="Optionally, the number of items to skip before returning."/>
  </inputs>

  <outputs>
    <output type="collection" name="Pending Items" friendlyname="Pending Items" narrative="The currently pending items."/>
  </outputs>

  <onsuccess>59ee30e7-b58a-47eb-918e-9abdb63cf8ef</onsuccess>

  <resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>
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<stage stageid="189ecad7-aa5d-4813-a564-4d764378c7b8" name="Expected Fail" type="Block">
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  <narrative>
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</stage>

<stage stageid="bb27bbf5-fd37-4025-8740-210d87d2b10e" name="Get Exception" type="Calculation">

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<calculation expression="ExceptionDetail()" stage="Exception"/>

</stage>

<stage stageid="42752d7a-ec35-4756-b53c-768ac6a2f58f" name="Resume" type="Resume">

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<onfalse>947e4437-abfa-4cf2-8894-aa8f18b05bce</onfalse>

</stage>

<stage stageid="eab02b15-ecb1-4027-819b-064dbb4c7526" name="Delete Processes Items" type="SubS

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<stage stageid="87335e2e-6424-43da-bb81-67aebd57bad7" name="End" type="End">

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<subsheetid>1e875be7-c0c9-454d-9474-e0edacf84aef</subsheetid>

<narrative>The Data collection contains the items to be added to the queue. The collection may contain sir

If there is a failure during the process, the queue will be unchanged - i.e. no rows will be loaded even if the

If Defer Until is specified, the items will not be available to be worked until then. Otherwise, they are availab

If the queue has a key field defined, an item added has key data longer than the maximum permitted 255 c

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<inputs>

<input type="text" name="Queue Name" friendlyname="Queue Name" narrative="The name of the queue t

<input type="datetime" name="Date Threshold" friendlyname="Date Threshold" narrative="The threshold d

<input type="flag" name="Delete From All Queues" friendlyname="Delete From All Queues" narrative="Ind

</inputs>

<outputs>

<output type="number" name="Deletion Count" friendlyname="Deletion Count" narrative="Indicates the nu

</outputs>

<onsuccess>06ddb40d-f8e7-4bf0-a148-ed090fe584dd</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

</stage>
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<stage stageid="3af020c4-8b8b-4158-b4c9-9c40edfd868c" name="Expected Fail" type="Block">

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<calculation expression="ExceptionDetail()" stage="Exception"/>

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</stage>

<stage stageid="27b66555-1cb0-4ecf-a7c0-0eb811b5a2f5" name="Exception Correct?" type="Decision">

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<decision expression="[Exception]=&quot;The queue with name 'This isn't a queue name and never v
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<onfalse>8df124b9-63bd-488c-b453-92e1aa41b0e0</onfalse>

</stage>

<stage stageid="6a2b915e-74f4-4193-83ec-b929510b21d2" name="Get Pending Items" type="SubSheet">

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</stage>

<stage stageid="26026a1d-561b-4723-aa2c-ed5b88e28c8" name="End" type="End">

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<narrative>Gets the work items from the specified queue which have been marked as complete</narrative>

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<inputs>

<input type="text" name="Queue Name" friendlyname="Queue Name" narrative="The name of the queue to get items from">

<input type="datetime" name="Start Date" friendlyname="Start Date" narrative="The start date from which to get items">

<input type="datetime" name="End Date" friendlyname="End Date" narrative="The end date up to which to get items">

<input type="text" name="Key Filter" friendlyname="Key Filter" narrative="Optionally, a key value to filter by">

<input type="text" name="Tag Filter" friendlyname="Tag Filter" narrative="Optionally, a tag mask to filter by">

<input type="number" name="Maximum Rows" friendlyname="Maximum Rows" narrative="The maximum number of items to return">

</inputs>

<outputs>

<output type="collection" name="Completed Items" friendlyname="Completed Items" narrative="The items returned from the queue">

</outputs>

<onsuccess>fd577856-7bfb-4a7d-a74d-ec10124efcda</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Completed Items"/>

</stage>

<stage stageid="d6e2345d-8e50-4668-9e5d-da6ea41438b6" name="Expected Fail" type="Block">

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<stage stageid="61d456e1-f7d3-4d26-8f56-06c741c76185" name="Get Exception" type="Calculation">

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<calculation expression="ExceptionDetail()" stage="Exception"/>

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<onsuccess>21a61643-e5f0-4297-bdf0-523bfc36f7b5</onsuccess>

</stage>

<stage stageid="21a61643-e5f0-4297-bdf0-523bfc36f7b5" name="Exception Correct?" type="Decision">

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<decision expression="[Exception]=&quot;The queue with name 'This isn't a queue name and never v

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</stage>
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<stage stageid="4150e5c6-4384-4bd6-a7b9-ad21a75b42e5" name="Get Completed Items" type="SubShe
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<processid>2dc4e484-7e85-40b2-bd88-ceb31f5e597b</processid>

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<stage stageid="abe1173d-1b3e-447f-88ed-fa49374e786e" name="Get Locked Items" type="SubSheetInf
<subsheetsid>ff835c4b-a3df-4c39-9ffb-50b079409216</subsheetsid>

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<stage stageid="228595dc-59f5-4c4c-8215-4794ea47deef" name="Start" type="Start">

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<stage stageid="314ffe3e-da1c-4a75-9339-3d0959d4c0ef" name="End" type="End">

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</stage>

<stage stageid="a94afae4-17ca-4e85-af4c-cd4a71715601" name="Get Locked Items" type="Action">

<subsHEETid>ff835c4b-a3df-4c39-9ffb-50b079409216</subsHEETid>

<narrative>Retrieves the IDs and locked times for all currently locked work queue items in the specified queue.

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<inputs>

<input type="text" name="Queue Name" friendlyname="Queue Name" narrative="The name of the queue to filter by."/>

<input type="text" name="Key Filter" friendlyname="Key Filter" narrative="Optionally, a key value to filter by."/>

<input type="text" name="Tags" friendlyname="Tags" narrative="Optionally, a tag mask to filter by. This can be a comma-separated list of tags."/>

```
</inputs>

<outputs>

<output type="collection" name="Locked Items" friendlyname="Locked Items" narrative="The currently lock

</outputs>

<onsuccess>593bfcd9-bb8a-4c5f-9999-d868e4e1f311</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="e10c6d80-61c6-4796-b5af-a7ce92955886" name="Expected Fail" type="Block">

<subsheetid>ff835c4b-a3df-4c39-9ffb-50b079409216</subsheetid>

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<onsuccess>551cc92a-4efb-4ebd-875f-753b9138d45f</onsuccess>
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</stage>

<stage stageid="551cc92a-4efb-4ebd-875f-753b9138d45f" name="Get Exception" type="Calculation">

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<calculation expression="ExceptionDetail()" stage="Exception"/>

</stage>

<stage stageid="356b5eb0-2693-4eb0-a365-aa0f296afe92" name="Resume" type="Resume">

<subsheetsid>ff835c4b-a3df-4c39-9ffb-50b079409216</subsheetsid>

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</stage>

<stage stageid="84a5cab4-1f23-48de-b937-1577ef742390" name="Exception Correct?" type="Decision">

<subsheetsid>ff835c4b-a3df-4c39-9ffb-50b079409216</subsheetsid>

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<decision expression="[Exception]=&quot;The queue with name 'This isn't a queue name and never v

<ontrue>314ffe3e-da1c-4a75-9339-3d0959d4c0ef</ontrue>

<onfalse>9f67af7c-ba14-4f20-b368-2646065983cd</onfalse>

</stage>

<stage stageid="c9f479bc-ebf9-4a91-b1c9-cb525df81ab2" name="Get Locked Items" type="SubSheet">

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<processid>ff835c4b-a3df-4c39-9ffb-50b079409216</processid>

</stage>

<stage stageid="3f61f7c5-4345-4abf-95f0-de33e5b6b714" name="Get Next Item" type="SubSheetInfo">

<subsheetid>edc38cf5-ae98-411f-a2c3-2732e5e6bc75</subsheetid>

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</stage>

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<onsuccess>9536945f-45ab-4fcc-8d4f-6178f6fe26e5</onsuccess>

</stage>

<stage stageid="4e0e8e03-ca37-4cf0-a491-d8aaccdd8874" name="End" type="End">

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<stage stageid="9536945f-45ab-4fcc-8d4f-6178f6fe26e5" name="Get Next Item" type="Action">

<subsHEETid>edc38cf5-ae98-411f-a2c3-2732e5e6bc75</subsHEETid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the m

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

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<inputs>

<input type="text" name="Queue Name" friendlyname="Queue Name" narrative="The name of the queue"

<input type="text" name="Key Filter" friendlyname="Key Filter" narrative="Optionally, a key value to filter by"

<input type="text" name="Tag Filter" friendlyname="Tag Filter" narrative="Optionally, a tag mask to filter by"

</inputs>

<outputs>

<output type="text" name="Item ID" friendlyname="Item ID" narrative="The ID of the item retrieved - empty"

<output type="collection" name="Data" friendlyname="Data" narrative="The data associated with the item - "

<output type="text" name="Status" friendlyname="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" friendlyname="Attempts" narrative="The number of attempts already"

</outputs>

<onsuccess>5a526aed-0cb0-4fd3-bfcf-4357d3cd53b8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="5ace73f0-5891-42a1-8ba4-3c73681cbf8c" name="Expected Fail" type="Block">

<subsheetsid>edc38cf5-ae98-411f-a2c3-2732e5e6bc75</subsheetsid>

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<stage stageid="dde551d6-895c-4e47-9ddb-6898fe600b13" name="Recover" type="Recover">

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<onsuccess>9cd24058-1bda-4ca6-855c-61784cd99ad2</onsuccess>

</stage>

<stage stageid="9cd24058-1bda-4ca6-855c-61784cd99ad2" name="Get Exception" type="Calculation">

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<onsuccess>ce009abe-3b48-4e18-9bd7-db06db932fed</onsuccess>

<calculation expression="ExceptionDetail()" stage="Exception"/>

</stage>

<stage stageid="ce009abe-3b48-4e18-9bd7-db06db932fed" name="Resume" type="Resume">

<subsheetsid>edc38cf5-ae98-411f-a2c3-2732e5e6bc75</subsheetsid>

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<onsuccess>dfaa6c54-9489-41ce-a8a4-2bbf510f1d4a</onsuccess>

</stage>

<stage stageid="dfaa6c54-9489-41ce-a8a4-2bbf510f1d4a" name="Exception Correct?" type="Decision">

<subsheetsid>edc38cf5-ae98-411f-a2c3-2732e5e6bc75</subsheetsid>

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<decision expression="[Exception]=&quot;The queue with name 'This isn't a queue name and never v

<ontrue>4e0e8e03-ca37-4cf0-a491-d8aaccdd8874</ontrue>

<onfalse>10e40a4e-110f-48a0-a9fd-185d1ee4f6d3</onfalse>

</stage>
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<stage stageid="c3947056-fe30-4cdf-b45f-35f61784329f" name="Get Report Data" type="SubSheetInfo">
<subsheetsid>ed25ba12-4aae-4792-99ba-4f65f4b136c7</subsheetsid>

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</stage>

<stage stageid="acdad203-ae47-4889-a9f0-d808cee4155a" name="Start" type="Start">
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<onsuccess>9274e7bc-19f9-47c4-92d0-c4ffe17b21d3</onsuccess>

</stage>

<stage stageid="ab01a465-b8c2-4f48-af07-52e2908167ab" name="End" type="End">
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</stage>

<stage stageid="9274e7bc-19f9-47c4-92d0-c4ffe17b21d3" name="Get Report Data" type="Action">

<subsheetsid>ed25ba12-4aae-4792-99ba-4f65f4b136c7</subsheetsid>

<narrative>Retrieves queue data for analysis. The queue name and at least one of the date parameters must be specified.

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<inputs>

<input type="text" name="Queue Name" friendlyname="Queue Name" narrative="The name of the queue for which to retrieve data." />

<input type="datetime" name="Finished Start Date" friendlyname="Finished Start Date" narrative="The item finished start date." />

<input type="datetime" name="Finished End Date" friendlyname="Finished End Date" narrative="The item finished end date." />

<input type="datetime" name="Loaded Start Date" friendlyname="Loaded Start Date" narrative="The item loaded start date." />

<input type="datetime" name="Loaded End Date" friendlyname="Loaded End Date" narrative="The item loaded end date." />

<input type="text" name="Resource Names" friendlyname="Resource Names" narrative="The semi-colon-separated list of resource names." />

<input type="text" name="Tags" friendlyname="Tags" narrative="Optionally, a tag mask to filter by. This can be a comma-separated list of tags." />

<input type="flag" name="Include unworked items?" friendlyname="Include unworked items?" narrative="Include unworked items." />

<input type="flag" name="Include deferred items?" friendlyname="Include deferred items?" narrative="Include deferred items." />

<input type="flag" name="Include completed items?" friendlyname="Include completed items?" narrative="Include completed items." />

<input type="flag" name="Include exception items?" friendlyname="Include exception items?" narrative="Include exception items." />

<input type="flag" name="Treat each attempt separately?" friendlyname="Treat each attempt separately?" narrative="Treat each attempt separately." />

</inputs>

<outputs>
```

```
<output type="number" name="Item Count" friendlyname="Item Count" narrative="The total number of que
<output type="timespan" name="Time Total" friendlyname="Time Total" narrative="The total amount of tim
<output type="timespan" name="Least Time" friendlyname="Least Time" narrative="The least amount of ti
<output type="timespan" name="Most Time" friendlyname="Most Time" narrative="The most amount of tim
<output type="timespan" name="Median Time" friendlyname="Median Time" narrative="The median amou
<output type="timespan" name="Mean Time" friendlyname="Mean Time" narrative="The mean amount of t
<output type="collection" name="Item IDs" friendlyname="Item IDs" narrative="The Item IDs of all work que
</outputs>

<onsuccess>3c2337c2-29c6-4d25-b470-bc89a6e21273</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Report Data"/>

</stage>

<stage stageid="fa23545e-c99c-49f7-852a-db0058f5a8ff" name="Expected Fail" type="Block">

<subsheetsid>ed25ba12-4aae-4792-99ba-4f65f4b136c7</subsheetsid>

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<input type="text" name="Key" friendlyname="Key" narrative="The key to check." expr="&quot;1&quot;" />
<input type="flag" name="Include Pending" friendlyname="Include Pending" narrative="Check any items in the queue that are pending." />
<input type="flag" name="Include Deferred" friendlyname="Include Deferred" narrative="Check any items in the queue that are deferred." />
<input type="flag" name="Include Completed" friendlyname="Include Completed" narrative="Check any items in the queue that are completed." />
<input type="flag" name="Include Terminated" friendlyname="Include Terminated" narrative="Check any items in the queue that are terminated." />
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<outputs>

<output type="flag" name="Result" friendlyname="Result" narrative="True if an item with the given key is in the queue." />
<output type="collection" name="Item IDs" friendlyname="Item IDs" narrative="The Item IDs which represent the items in the queue." />
</outputs>

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$$30$$
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&lt;/narrative&gt;

$$105$$
$$-45$$
$$30$$
$$30$$

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

```
<exception localized="yes" type="Bug" detail="&quot;The action 'Get Report Data' passed when it should have failed." />
```

```
</stage>

<stage stageid="2e2128ae-d748-4233-8157-98e41d514cd2" name="FAIL" type="Exception">

<subsheetid>0063b389-45e3-4924-8866-2cc1b45df9ca</subsheetid>

<narrative>

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<exception localized="yes" type="Bug" detail="&quot;The action 'Is Item in Queue' passed when it sho

</stage>

<stage stageid="947e4437-abfa-4cf2-8894-aa8f18b05bce" name="FAIL" type="Exception">

<subsheetid>2ce0930a-0eb7-4892-8a6c-ecbeb6cf3a8d</subsheetid>

<narrative>

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</stage>

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<subsheetid>1e875be7-c0c9-454d-9474-e0edacf84aef</subsheetid>

<narrative>

</narrative>
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</stage>

<stage stageid="f40d9d78-8b26-4b9c-96c6-064352206a64" name="FAIL" type="Exception">

<subsheetid>2dc4e484-7e85-40b2-bd88-ceb31f5e597b</subsheetid>

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

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</stage>

<stage stageid="9f67af7c-ba14-4f20-b368-2646065983cd" name="FAIL" type="Exception">

<subsheetid>ff835c4b-a3df-4c39-9ffb-50b079409216</subsheetid>

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<displayheight>30</displayheight>

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

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</stage>

<stage stageid="10e40a4e-110f-48a0-a9fd-185d1ee4f6d3" name="FAIL" type="Exception">

<subsheetid>edc38cf5-ae98-411f-a2c3-2732e5e6bc75</subsheetid>

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<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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</stage>

<stage stageid="45faa89c-c672-419c-8eca-8965ab8a73cf" name="FAIL" type="Exception">

<subsheetid>ed25ba12-4aae-4792-99ba-4f65f4b136c7</subsheetid>

<narrative>

</narrative>

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</stage>

<stage stageid="f5a1de6e-f64c-434b-81e0-086e1c12f306" name="FAIL" type="Exception">

<subsheetid>0063b389-45e3-4924-8866-2cc1b45df9ca</subsheetid>

<narrative>



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</narrative>

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<displayy>150</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception localized="yes" type="SystemException" detail="&quot;This is not the error message you v

</stage>

</process>

<process name="Test Queue Deferral" version="1.0" bpversion="5.0.23.1343" narrative="Tests that items

<view>

<camerax>0</camerax>

<cameray>12</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="06e256b7-721d-4b6e-a49a-0420c005ebf7" name="Start" type="Start">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>45cbcf20-31ef-4f8f-815f-ff5294644255</onsuccess>

</stage>
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<stage stageid="e18a2ca1-1ef4-4fc2-bead-d9139b27e60f" name="End" type="End">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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</stage>

<stage stageid="b89d3741-899f-41d2-a42b-4fe9408a611b" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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</stage>

<stage stageid="feded5a0-e464-4eea-a481-96cf7ea63924" name="Add Item" type="Action">

<narrative>

</narrative>

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<displayy>-90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

```
<input type="text" name="Queue Name" expr="[Queue Name]"/>
<input type="collection" name="Data" expr="[Coll1]"/>
<input type="datetime" name="Defer Until" expr="Now()"/>
</inputs>
<onsuccess>571b88e2-df2b-478d-925f-15207aed9be4</onsuccess>
<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>
</stage>
<stage stageid="6a5b49ab-edfc-4f7f-81c6-b855baa47b51" name="Coll1" type="Collection">
<narrative>
</narrative>
<displayx>120</displayx>
<displayy>-90</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<datatype>collection</datatype>
<private/>
<alwaysinit/>
<collectioninfo>
<field name="ID" type="text"/>
</collectioninfo>
<initialvalue>
<row>
<field name="ID" type="text" value="12345678"/>
</row>
</initialvalue>
</stage>
```

```
<stage stageid="7eb7a172-b49e-4c8e-91f1-f9fd8216345b" name="Defer for 2 mins" type="Action">
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</narrative>
<displayx>15</displayx>
<displayy>120</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Item ID" expr="[Item ID]"/>
<input type="datetime" name="Until" expr="Now() + [Wait Interval]"/>
</inputs>
<onsuccess>178c8432-c53b-4692-abf6-925087b8861a</onsuccess>
<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Defer"/>
</stage>
<stage stageid="0bd489ff-d40c-4798-b44c-129236ef25e7" name="Get Item" type="Action">
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>0</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Queue Name" expr="[Queue Name]"/>
</inputs>
<outputs>
```

```
<output type="text" name="Item ID" stage="Item ID"/>
<output type="collection" name="Data" stage="Data"/>
<output type="text" name="Status" stage="Status"/>
<output type="number" name="Attempts" stage="Attempts"/>
</outputs>
<onsuccess>486da7da-2c38-4f96-8914-8c1bea3497e2</onsuccess>
<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>
</stage>
<stage stageid="22ca603f-729a-49c3-a801-f21e80e93ba5" name="Item ID" type="Data">
<narrative>
</narrative>
<displayx>90</displayx>
<displayy>0</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<datatype>text</datatype>
<initialvalue/>
<private/>
<alwaysinit/>
</stage>
<stage stageid="06c10996-22e0-4258-b8fc-e8ed882151b2" name="Data" type="Collection">
<narrative>
</narrative>
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<displaywidth>60</displaywidth>
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<private/>

<alwaysinit/>

</stage>

<stage stageid="0b71584d-d431-4a1d-9e6a-99f1330c3738" name="Status" type="Data">

<narrative>

</narrative>

<displayx>165</displayx>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4fe62f6f-9bfc-4026-9255-e288dab5d00f" name="Attempts" type="Data">

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</narrative>

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<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="486da7da-2c38-4f96-8914-8c1bea3497e2" name="Is it our item?" type="Decision">

<narrative>

</narrative>

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<displayy>60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Data.ID] =&quot;12345678&quot;"/>

<ontrue>7eb7a172-b49e-4c8e-91f1-f9fd8216345b</ontrue>

<onfalse>d4aaadf1-1f16-4548-a2d1-76e763200b6b</onfalse>

</stage>

<stage stageid="70656cee-cb3f-44db-a3b6-ce224a00b7f2" name="Wait Interval" type="Data">

<narrative>

</narrative>

<displayx>-165</displayx>

<displayy>45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<datatype>timespan</datatype>

<initialvalue>0.00:01:00</initialvalue>
```

```
<private/>

<alwaysinit/>

</stage>

<stage stageid="178c8432-c53b-4692-abf6-925087b8861a" name="Record Deferral Time" type="Calculation">

  <narrative>

  </narrative>

  <displayx>15</displayx>

  <displayy>165</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

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

  <onsuccess>a2032010-d904-4cde-81ec-14e181c03a52</onsuccess>

  <calculation expression="Now()" stage="Deferral Time"/>

</stage>

<stage stageid="d3d3b155-c20e-4cf4-a844-fc3c11c38de4" name="Deferral Time" type="Data">

  <narrative>

  </narrative>

  <displayx>90</displayx>

  <displayy>165</displayy>

  <displaywidth>60</displaywidth>

  <displayheight>30</displayheight>

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

  <datatype>datetime</datatype>

  <initialvalue/>

  <private/>

  <alwaysinit/>

</stage>
```



<stage stageid="571b88e2-df2b-478d-925f-15207aed9be4" name="Wait" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>0bd489ff-d40c-4798-b44c-129236ef25e7</onsuccess>

<resource object="Queue Utils" action="Wait 5 Seconds"/>

</stage>

<stage stageid="a2032010-d904-4cde-81ec-14e181c03a52" name="Get Item" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>225</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

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

</inputs>

<outputs>

<output type="text" name="Item ID" stage="Item ID"/>

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

<output type="text" name="Status" stage="Status"/>

<output type="number" name="Attempts" stage="Attempts"/>

```
</outputs>

<onsuccess>abcac9bd-dc30-4c15-ac2a-09e3aaf40aaa</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="e082cfbc-4d39-4fda-9e38-4db7587f4104" name="Got Our Item?" type="Decision">

<narrative>

</narrative>

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<displayy>330</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Data.ID] = &quot;12345678&quot;"/>

<ontrue>dc1cd03f-a2cd-497c-a45b-84ae2d8d26f3</ontrue>

<onfalse>9bdb7471-6ce1-44c6-bc99-2912031827f4</onfalse>

</stage>

<stage stageid="0e10dd66-9fb0-41b1-a183-3dbee4ab41f6" name="Validate Duration" type="Decision">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<decision expression="[Wait Duration] &gt;= [Wait Interval]"/>

<ontrue>e81ab3cd-2b80-47e1-8268-40369b85c5ee</ontrue>

<onfalse>d0a1de0d-4a2e-4b69-80b3-ea9be28f7dd8</onfalse>
```

```
</stage>

<stage stageid="dc1cd03f-a2cd-497c-a45b-84ae2d8d26f3" name="Calculate Duration" type="Calculation">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<onsuccess>0e10dd66-9fb0-41b1-a183-3dbee4ab41f6</onsuccess>

<calculation expression="Now() - [Deferral Time]" stage="Wait Duration"/>

</stage>

<stage stageid="7d3d4bfb-bb19-4793-97f2-4c56cf210cfb" name="Wait Duration" type="Data">

<narrative>

</narrative>

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<displayy>360</displayy>

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<datatype>timespan</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1e3bbfee-42ef-4afa-96f6-66fedfe4fb68" name="anchor2" type="Anchor">

<narrative>
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</narrative>

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<displayy>225</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>a2032010-d904-4cde-81ec-14e181c03a52</onsuccess>

</stage>

<stage stageid="7a8e7878-5a56-418d-a013-853513e4713a" name="Wait" type="Action">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="number" name="Seconds" narrative="The number of seconds to wait (can be fractional)" exp

</inputs>

<onsuccess>1e3bbfee-42ef-4afa-96f6-66fedfe4fb68</onsuccess>

<resource object="Queue Utils" action="Wait n seconds"/>

</stage>

<stage stageid="abcac9bd-dc30-4c15-ac2a-09e3aaf40aaa" name="Got An Item?" type="Decision">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>e082cfbc-4d39-4fda-9e38-4db7587f4104</ontrue>

<onfalse>7a8e7878-5a56-418d-a013-853513e4713a</onfalse>

</stage>

<stage stageid="9bdb7471-6ce1-44c6-bc99-2912031827f4" name="anchor1" type="Anchor">

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</narrative>

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<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>371e4c69-707d-486b-aae8-41bda22bc549</onsuccess>

</stage>

<stage stageid="371e4c69-707d-486b-aae8-41bda22bc549" name="anchor3" type="Anchor">

<narrative>

</narrative>

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<displayy>225</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>1e3bbfee-42ef-4afa-96f6-66fedfe4fb68</onsuccess>

</stage>
```

<stage stageid="d4aaadf1-1f16-4548-a2d1-76e763200b6b" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

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<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Terrible Error" detail="&quot;I don't know how this could have happened. I only left i

</stage>

<stage stageid="d0a1de0d-4a2e-4b69-80b3-ea9be28f7dd8" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>90</displayx>

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<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Terrible Error" detail="&quot;Invalid duration found: &quot; &amp; [Wait D

</stage>

<stage stageid="1ef23b73-d753-4d40-ab31-997e11e0de20" name="Queue Name" type="Data">

<narrative>

</narrative>

<displayx>-165</displayx>

<displayy>0</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<datatype>text</datatype>
<initialvalue xml:space="preserve">queuedeferral</initialvalue>
<private/>
<alwaysinit/>
</stage>
<stage stageid="45cbcf20-31ef-4f8f-815f-ff5294644255" name="Create Queue" type="Action">
  <narrative>
  </narrative>
  <displayx>15</displayx>
  <displayy>-135</displayy>
  <displaywidth>60</displaywidth>
  <displayheight>30</displayheight>
  <font family="Tahoma" size="10" style="Regular" color="000000"/>
  <inputs>
    <input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="[Queue N
    <input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a
    <input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the qu
  </inputs>
  <outputs>
    <output type="flag" name="Success" narrative="Whether the create call was successful or not" stage=""/>
    <output type="text" name="Subprocess Output" narrative="The output from the automatec &quot;crea
  </outputs>
  <onsuccess>feded5a0-e464-4eea-a481-96cf7ea63924</onsuccess>
  <resource object="Queue Utils" action="Create Queue"/>
</stage>
<stage stageid="e81ab3cd-2b80-47e1-8268-40369b85c5ee" name="Destroy Queue" type="Action">
```

```
<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name"

</inputs>

<onsuccess>e18a2ca1-1ef4-4fc2-bead-d9139b27e60f</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>

</stage>

</process>

<process name="Test Queue Deletion" version="1.0" narrative="Verifies that processed items can be dele

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="d426fbc4-564b-42dc-8665-da17748528ed" type="Normal" published="False">

<name>Populate Queue</name>

<view>

<camerax>0</camerax>

<cameray>81</cameray>
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<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="1f7bb4a0-c81b-4e88-a3cc-ef7eada77325" type="Normal" published="False">

<name>PadLeft</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="459b28a4-290f-47ea-8846-4a003e4ac7a0" type="Normal" published="False">

<name>Work All Items</name>

<view>

<camerax>0</camerax>

<cameray>64</cameray>

<zoom>1</zoom>

</view>

</subsheet>

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</stage>

<stage stageid="82fec59b-2215-461c-aeac-b3e67abd29eb" name="Get Next Item" type="Action">

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

</inputs>

<outputs>

<output type="text" name="Item ID" stage="Item ID"/>

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

<output type="text" name="Status" stage="Status"/>

<output type="number" name="Attempts" stage="Attempts"/>

</outputs>

<onsuccess>caaf5db2-c7bd-4dff-9059-890567760165</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="01b8e633-0902-49f6-a65e-dcd75d08648c" name="Get Random (1,100)" type="Action">

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<inputs>

<input type="number" name="Min Value" expr="1"/>

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</inputs>

<outputs>

<output type="number" name="Output" stage="Success Random"/>
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</outputs>

<onsuccess>157edc7b-b553-4abe-adc7-ab8c58bb29dc</onsuccess>

<resource object="Queue Utils" action="Get Random Number"/>

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<stage stageid="e8fbb33b-5ad2-41da-8058-5d8c572c3aeb" name="Success Random" type="Data">

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<stage stageid="af6d3614-3d48-453d-929d-52a1b3655d95" name="Exception" type="Action">

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<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>abe278b8-9079-42f0-84d7-c5954bfd18c1</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="f563c5a0-b61c-49a7-8214-a0e580d50420" name="Completed" type="Action">

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</inputs>
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<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

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<stage stageid="157edc7b-b553-4abe-adc7-ab8c58bb29dc" name="Outcome?" type="ChoiceStart">

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<choices>

<choice expression="[Success Random] &lt;= 20">

<name>Exception</name>

<distance>60</distance>

<ontrue>af6d3614-3d48-453d-929d-52a1b3655d95</ontrue>

</choice>

<choice expression="True">

<name>Success</name>

<distance>120</distance>

<ontrue>f563c5a0-b61c-49a7-8214-a0e580d50420</ontrue>

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</stage>

<stage stageid="caaf5db2-c7bd-4dff-9059-890567760165" name="Item Found?" type="Decision">

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<onfalse>d2b9e1c6-4980-4175-a206-7ec50de3403b</onfalse>

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<stage stageid="60168dc8-d6b7-49b5-869c-8a4b97dd80ed" name="anchor3" type="Anchor">

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<stage stageid="85e8f976-8942-45f1-93e2-cdc149678fe1" name="End1" type="End">

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

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

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</stage>

<stage stageid="c544b804-0e47-42c4-801c-6333a8744a81" name="Try to Delete All" type="Action">

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete items from" expr="[Q

<input type="datetime" name="Date Threshold" narrative="The threshold date. Items completed or marked

</inputs>

<outputs>

<output type="number" name="Deletion Count" narrative="Indicates the number of items which were delet

</outputs>

<onsuccess>b8bfb047-cc95-45e5-84e7-03283bdf36e4</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

</stage>

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<inputs>

<input type="number" name="Start Account Number" stage="Start Account Number"/>

<input type="number" name="Num Cases to Create" stage="Num Cases to Create"/>

</inputs>

<onsuccess>0158ace2-3bbe-4fb4-9cad-63fa3e52e451</onsuccess>

</stage>

<stage stageid="3c578ecf-5628-41e0-beac-67efbc5b06e4" name="Data" type="Collection">

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<collectioninfo>

<field name="Account Number" type="text"/>

<field name="Name" type="text"/>

<field name="Balance" type="number"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Account Number" type="text" value="41987664"/>

<field name="Name" type="text" value="Mr Smith"/>

<field name="Balance" type="number" value="54.12"/>

</row>

</initialvalue>

</stage>

<stage stageid="998a5f0a-9fc7-4b37-b020-e638f6990fbe" name="Load data" type="Action">

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<inputs>

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

<input type="collection" name="Data" expr="[Data]"/>

<input type="datetime" name="Defer Until" expr=""/>

</inputs>

<onsuccess>5f2943cf-8fe0-4b11-8603-04fe08d0bdfe</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="62d34ecf-4db4-4f0a-a961-27d17603aaa6" name="Increment Case Count" type="Calculation">

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<onsuccess>005757f7-3db0-4da5-9021-c03f1ecb087f</onsuccess>

<calculation expression="1 + [Case Count]" stage="Case Count"/>

</stage>

<stage stageid="eae7837f-dc83-4914-8da3-f2d260e9a155" name="Case Count" type="Data">
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<inputs>

<input type="number" name="Number" expr="[Case Count]"/>

</inputs>

<outputs>
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<output type="text" name="Padded Number" stage="Padded Number"/>

</outputs>

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<processid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</processid>

</stage>

<stage stageid="e6d59ae5-b28a-4e12-b9fc-7e0503b34a45" name="Padded Number" type="Data">

<subsheetid>d426fbc4-564b-42dc-8665-da17748528ed</subsheetid>

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<stage stageid="109ccdda-e699-49c9-8bd8-44237c47744d" name="Set Account Number" type="Calculati

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<onsuccess>998a5f0a-9fc7-4b37-b020-e638f6990fbe</onsuccess>

<calculation expression="[Padded Number]" stage="Data.Account Number"/>

</stage>

<stage stageid="5f2943cf-8fe0-4b11-8603-04fe08d0bdfe" name="Enough Cases?" type="Decision">

<subsheetid>d426fbc4-564b-42dc-8665-da17748528ed</subsheetid>

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<decision expression="[Case Count] &gt;= [Start Account Number] + [Num Cases to Create]"/>

<ontrue>19842945-d316-4641-84db-0400e56faeaa</ontrue>

<onfalse>f29b7ca1-c099-4587-849b-2990b2c6eb57</onfalse>

</stage>

<stage stageid="f29b7ca1-c099-4587-849b-2990b2c6eb57" name="anchor3" type="Anchor">

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</stage>

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<inputs>

<input type="number" name="Number" stage="Number"/>

</inputs>

<onsuccess>b87a237c-279d-4eb6-8bf7-728b56ceea3c</onsuccess>

</stage>

<stage stageid="cecb6e74-97e3-4c0d-aacf-cd2c17597f54" name="End" type="End">

<subsheetid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<outputs>

<output type="text" name="Padded Number" stage="TextNum"/>

</outputs>

</stage>

<stage stageid="7ec77c82-79ef-4002-a04c-6ad5e061347c" name="Number" type="Data">

<subsheetsid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</subsheetsid>

<narrative>

</narrative>

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<stage stageid="b87a237c-279d-4eb6-8bf7-728b56ceea3c" name="Cast To Text" type="Calculation">

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<onsuccess>d61f6f1a-725e-48b1-94ff-06c74dad22d4</onsuccess>

<calculation expression="[Number]" stage="TextNum"/>

</stage>

<stage stageid="60db69bc-26f5-4302-8c58-30cb3e015246" name="TextNum" type="Data">

<subsHEETid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</subsHEETid>

<narrative>

</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b6ea0402-a72a-45b4-b62b-80775eb54204" name="Another Zero Needed?" type="Decisi

<subsHEETid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</subsHEETid>

<loginhibit/>

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</narrative>

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<decision expression="Len([TextNum]) &lt; 8"/>

<ontrue>85d6533e-e010-459a-b929-a53041648889</ontrue>

<onfalse>cecb6e74-97e3-4c0d-aacf-cd2c17597f54</onfalse>

</stage>

<stage stageid="85d6533e-e010-459a-b929-a53041648889" name="PadLeft By One Zero" type="Calculat

<subsheetid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<onsuccess>5252de0e-1303-418e-be05-c8d328c1be14</onsuccess>

<calculation expression="&quot;0&quot; & & [TextNum]" stage="TextNum"/>

</stage>

<stage stageid="5252de0e-1303-418e-be05-c8d328c1be14" name="anchor1" type="Anchor">

<subsheetid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</subsheetid>

<loginhibit/>

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</narrative>

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</stage>

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<onsuccess>b6ea0402-a72a-45b4-b62b-80775eb54204</onsuccess>

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<stage stageid="2c0a20aa-8ec1-436e-a8a6-63118c8c2b67" name="Delete All" type="Action">

<narrative>

</narrative>

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

<inputs>

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

<input type="datetime" name="Date Threshold" expr="Now()"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>589ff859-2e90-42c9-969a-4ed965be1404</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

</stage>

<stage stageid="e651f7b3-d575-4a9c-8f74-f4ff334d0c0b" name="Deletion Count" type="Data">

<narrative>

</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="589ff859-2e90-42c9-969a-4ed965be1404" name="Populate Queue" type="SubSheet">

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</narrative>

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<inputs>

<input type="number" name="Start Account Number" expr="0"/>

<input type="number" name="Num Cases to Create" expr="[Total Items]"/>

</inputs>

<onsuccess>c544b804-0e47-42c4-801c-6333a8744a81</onsuccess>

<processid>d426fbc4-564b-42dc-8665-da17748528ed</processid>

</stage>

<stage stageid="285331fb-0017-4856-8165-25f85b83c9a6" name="Total Items" type="Data">

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>-225</displayy>

<displaywidth>60</displaywidth>

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<alwaysinit/>

</stage>

<stage stageid="b8bfb047-cc95-45e5-84e7-03283bdf36e4" name="Verify None Deleted" type="Decision">

<narrative>
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</narrative>

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<decision expression="[Deletion Count] = 0"/>

<ontrue>cf11fce1-097b-41c3-9cd8-585bef214753</ontrue>

<onfalse>778d6201-6271-4354-a87c-059cef5e8cc4</onfalse>

</stage>

<stage stageid="cf11fce1-097b-41c3-9cd8-585bef214753" name="Work All Items" type="SubSheet">

<narrative>

</narrative>

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<outputs>

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

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

</outputs>

<onsuccess>b785827b-fe8e-4ef3-9da1-130de480adc4</onsuccess>

<processid>459b28a4-290f-47ea-8846-4a003e4ac7a0</processid>

</stage>

<stage stageid="dd516564-d382-4d67-8bba-099b55ac27d4" name="Try to Delete All Older Than One We

<narrative>

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</narrative>

<displayx>15</displayx>

<displayy>390</displayy>

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

<inputs>

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

<input type="datetime" name="Date Threshold" expr="Now() - [One Week]"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>1fa0735f-3501-4380-a91e-6a3901af936d</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

</stage>

<stage stageid="1fa0735f-3501-4380-a91e-6a3901af936d" name="Verify None Deleted" type="Decision">

<narrative>

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<decision expression="[Deletion Count] = 0"/>

<ontrue>4752e738-3b18-4640-9269-ec0b6c4c7023</ontrue>

<onfalse>a068ded8-832e-4712-940f-e865ab625d4c</onfalse>
```

```
</stage>

<stage stageid="0f0f7770-cc07-4009-b194-f2f07cb0c9a8" name="One Week" type="Data">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<datatype>timespan</datatype>

<initialvalue>7.00:00:00</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4752e738-3b18-4640-9269-ec0b6c4c7023" name="Delete All For Real" type="Action">

<narrative>We delete from ten mins into the future to allow for mismatched clocks.</narrative>

<displayx>15</displayx>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete items from" expr="[Q

<input type="datetime" name="Date Threshold" narrative="The threshold date. Items completed or marked

</inputs>

<outputs>

<output type="number" name="Deletion Count" narrative="Indicates the number of items which were delet
```

```
</outputs>

<onsuccess>f2ffffbf-39fb-40d9-b4f5-b4b2f344d01c</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

</stage>

<stage stageid="f2ffffbf-39fb-40d9-b4f5-b4b2f344d01c" name="Verify All Deleted" type="Decision">

<narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Deletion Count] = [Total Items]"/>

<ontrue>a49c93c8-26c1-48a8-b536-ea87f1dd089c</ontrue>

<onfalse>9ba25086-cae8-4e2a-982f-5516600b199c</onfalse>

</stage>

<stage stageid="a7fab8fe-aa17-4207-a10e-691dcc3fee81" name="Num Cases to Create" type="Data">

<subsheetsid>d426fbc4-564b-42dc-8665-da17748528ed</subsheetsid>

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>-105</displayy>

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<displayheight>30</displayheight>

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<alwaysinit/>

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<stage stageid="08eeee78-a46f-4964-9a03-04cf19f4d3c5" name="Item ID" type="Data">

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<loginhibit/>

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>-45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b7c2e259-134d-4823-9327-cf85d1fb4118" name="Data" type="Collection">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<displayy>15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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<private/>

<alwaysinit/>

</stage>

<stage stageid="7ef42594-92e4-4b86-8cd8-2402e076fc61" name="Status" type="Data">

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<narrative>

</narrative>

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<stage stageid="52621b1f-cf8d-4e4f-8210-50926fa6a029" name="Attempts" type="Data">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>60</displayy>



<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d2b9e1c6-4980-4175-a206-7ec50de3403b" name="No More Items" type="Note">

<subsheetsid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetsid>

<narrative>No More Items</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>85e8f976-8942-45f1-93e2-cdc149678fe1</onsuccess>

</stage>

<stage stageid="b785827b-fe8e-4ef3-9da1-130de480adc4" name="Count Completed Items" type="Action">

<narrative>

</narrative>

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<inputs>

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<input type="text" name="Queue Name" narrative="The name of the queue to retrieve the completed items" />
<input type="datetime" name="Start Date" narrative="The start date from which any items marked as complete" />
<input type="datetime" name="End Date" narrative="The end date up to which any items marked as complete" />
<input type="number" name="Maximum Rows" narrative="The maximum number of rows to return. Optional" />
</inputs>

<outputs>

<output type="collection" name="Completed Items" narrative="The items which were marked as complete" />
</outputs>

<onsuccess>5c001b29-e5b5-40ba-b7f7-4f694de73412</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Completed Items"/>

</stage>

<stage stageid="f9dca618-3faa-4b2f-beb9-9b05ce94bba4" name="Completed Items" type="Collection">

<narrative>

</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="5c001b29-e5b5-40ba-b7f7-4f694de73412" name="Count" type="Action">
```

```
<narrative>

</narrative>

<displayx>15</displayx>

<displayy>45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Ac

</outputs>

<onsuccess>2c16ae30-0ad9-477d-bc7f-b532426c869a</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="2fd3a3c5-3fca-46fd-9552-2a3ead353f25" name="Completed Item Count" type="Data">

<narrative>

</narrative>

<displayx>150</displayx>

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<private/>
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<alwaysinit/>

</stage>

<stage stageid="2c16ae30-0ad9-477d-bc7f-b532426c869a" name="Correct Count?" type="Decision">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<decision expression="[Completed Item Count] = [Actual Completed Count]"/>

<ontrue>21a2b9a4-118e-4456-8e55-2cb43b7a0d82</ontrue>

<onfalse>72fd0a29-3fbc-48e6-8052-9980d7ce626e</onfalse>

</stage>

<stage stageid="11fc8d15-8c25-4ce2-b029-20993bfe5f35" name="Note3" type="Note">

<narrative>Regression test for bug 4669</narrative>

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<displayheight>300</displayheight>

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

</stage>

<stage stageid="abe278b8-9079-42f0-84d7-c5954bfd18c1" name="Increment Exception Items" type="Calculation">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<onsuccess>19388a1e-a208-49cc-ab38-c5730cf6206f</onsuccess>

<calculation expression="1+[Exception Items]" stage="Exception Items"/>

</stage>

<stage stageid="ce18105f-90c3-4095-b2fb-50410f56b7ff" name="Completed Items" type="Data">

<subsheetsid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetsid>

<narrative>

</narrative>

<displayx>345</displayx>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="a47f6ca6-249c-46ca-bc0b-ca6235a02a28" name="Increment Completed Items" type="Ca

<subsheetsid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetsid>

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>330</displayy>
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<displayheight>30</displayheight>

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<onsuccess>cb6c67bd-54b4-442b-a997-de3887e8dc84</onsuccess>

<calculation expression="1+[Completed Items]" stage="Completed Items"/>

</stage>

<stage stageid="eab9ccd6-516e-4051-9fe8-c0b726a115d2" name="Exception Items" type="Data">

<subsheetsid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetsid>

<narrative>

</narrative>

<displayx>345</displayx>

<displayy>330</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<datatype>number</datatype>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="d3a78cc3-bb0b-4d8b-a126-d27bfc625373" name="Exception Item Count" type="Data">

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>-75</displayy>

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<displayheight>30</displayheight>
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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="be4327ae-bd47-416e-a2cf-09c94ea58b57" name="Actual Completed Count" type="Data"

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="21a2b9a4-118e-4456-8e55-2cb43b7a0d82" name="Count Completed Items Again using I

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>150</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to retrieve the completed items"

<input type="datetime" name="Start Date" narrative="The start date from which any items marked as complete"

<input type="datetime" name="End Date" narrative="The end date up to which any items marked as complete"

<input type="number" name="Maximum Rows" narrative="The maximum number of rows to return. Optional"

</inputs>

<outputs>

<output type="collection" name="Completed Items" narrative="The items which were marked as complete"

</outputs>

<onsuccess>62bf2d5a-f8d3-4749-bd99-cb64e68799a9</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Completed Items"/>

</stage>

<stage stageid="62bf2d5a-f8d3-4749-bd99-cb64e68799a9" name="Count" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>195</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be counted"

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Action">

</outputs>

<onsuccess>e0dbf3c6-f389-487e-86bd-d336e5b3f4c9</onsuccess>



```
<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="e0dbf3c6-f389-487e-86bd-d336e5b3f4c9" name="Correct Count?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>255</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Completed Item Count] = [Actual Completed Count]"/>

<ontrue>dd516564-d382-4d67-8bba-099b55ac27d4</ontrue>

<onfalse>028c48e1-f34c-4faa-8233-c5c85277685d</onfalse>

</stage>

<stage stageid="a88e0938-8347-426d-adc7-2089b77714c9" name="Note2" type="Note">

<narrative>Leaving threshold date empty should delete *all* items</narrative>

<displayx>-150</displayx>

<displayy>450</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>4752e738-3b18-4640-9269-ec0b6c4c7023</onsuccess>

</stage>

<stage stageid="213e1bf3-aa64-4c07-803e-646663f4b6c8" name="Nuh-uh" type="Exception">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

<narrative>

</narrative>
```

```
<displayx>105</displayx>

<displayy>390</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<exception type="NeverException" detail="&quot;It can never happen, really, unless something's *rea

</stage>

<stage stageid="ed0b3bc8-1eef-4422-a3a1-eda51c8ebccd" name="Create Queue" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-315</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="[Queue N

<input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a

<input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the qu

</inputs>

<outputs>

<output type="flag" name="Success" narrative="Whether the create call was successful or not" stage=""/>

<output type="text" name="Subprocess Output" narrative="The output from the automatec &quot;crea

</outputs>

<onsuccess>2c0a20aa-8ec1-436e-a8a6-63118c8c2b67</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>
```

```
<stage stageid="a49c93c8-26c1-48a8-b536-ea87f1dd089c" name="Destroy Queue" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>585</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name"

</inputs>

<onsuccess>52a0a822-57bd-4f84-86f4-40e47f2bc00b</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>

</stage>

<stage stageid="294fddc7-f8e9-4c4b-b77d-ec283905d63e" name="Queue Name" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-255</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">queueitembulkdeletion</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="778d6201-6271-4354-a87c-059cef5e8cc4" name="FAIL" type="Exception">
```

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>-135</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failed Exception" detail="&quot;Should be none deleted (point 1). Actually dele

</stage>

<stage stageid="72fd0a29-3fbc-48e6-8052-9980d7ce626e" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>90</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failed Exception" detail="&quot;Completed Item Count wrong: &quot; &a

</stage>

<stage stageid="028c48e1-f34c-4faa-8233-c5c85277685d" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>255</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

```
<exception type="Test Failed Exception" detail="&quot;Completed Item Count using dates wrong: &a
</stage>

<stage stageid="a068ded8-832e-4712-940f-e865ab625d4c" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>435</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failed Exception" detail="&quot;Should be none deleted (point 2). Actually del
</stage>

<stage stageid="9ba25086-cae8-4e2a-982f-5516600b199c" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>540</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failed Exception" detail="&quot;Should have deleted &quot; &amp; &amp; [
</stage>

</process>

<process name="Test Queue Encryption" version="1.0" bpversion="6.3.0.5030" narrative="This is a test th
<view>

<camerax>-109</camerax>

<cameray>572</cameray>
```

<zoom version="2">0.9375</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="463436bf-b3bb-4e0d-a9aa-ee48a9298d83" name="Start" type="Start">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>-480</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>348460c5-4944-44db-8216-f90edda91cbe</onsuccess>

</stage>

<stage stageid="4af4b0a0-e321-4423-a2d1-136373f150d3" name="End" type="End">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>705</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="1639e958-0f25-487a-84c1-f46b7372ccdc" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-270</displayx>

```
<displayy>-450</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="bf2e1b4e-c947-4612-b880-eb59eb67956f" name="Add to Queue" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>e3b5eeff-7b23-49b3-88ff-f43df8a82967</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>
```

```
<stage stageid="6ced15e6-b82c-4707-9368-d78eeb416fda" name="Data" type="Collection">
  <narrative>
  </narrative>
  <displayx>-270</displayx>
  <displayy>-255</displayy>
  <displaywidth>120</displaywidth>
  <displayheight>30</displayheight>
  <font family="Segoe UI" size="10" style="Regular" color="000000"/>
  <datatype>collection</datatype>
  <private/>
  <alwaysinit/>
  <collectioninfo>
    <field name="ID" type="number"/>
  </collectioninfo>
  <initialvalue>
    <row>
      <field name="ID" type="number" value="0"/>
    </row>
  </initialvalue>
</stage>

<stage stageid="e3b5eeff-7b23-49b3-88ff-f43df8a82967" name="Get Next Item" type="Action">
  <narrative>
  </narrative>
  <displayx>-105</displayx>
  <displayy>75</displayy>
  <displaywidth>90</displaywidth>
  <displayheight>30</displayheight>
```



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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue Name]"/>
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." expr="[Key Filter]"/>
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a comma." expr="[Tag Filter]"/>
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available." stage="1"/>
<output type="collection" name="Data" narrative="The data associated with the item - a single collection record." stage="1"/>
<output type="text" name="Status" narrative="The status of the item." stage="1"/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this item." stage="1"/>
</outputs>

<onsuccess>12748c12-5d9c-46df-b0fc-f2dc53ff7ba2</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="12748c12-5d9c-46df-b0fc-f2dc53ff7ba2" name="Mark Exception" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>120</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>
<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>
<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts."/>
```

```
<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" />
</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be used to create a new item." />
</outputs>

<onsuccess>5d40022e-de34-47c9-87bb-c2592353a46e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>
</stage>

<stage stageid="737a9216-e6bb-46ac-9519-ed99718541e0" name="Item ID" type="Data">

<narrative>

</narrative>

<displayx>60</displayx>

<displayy>75</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="a6e366bd-00d8-4c40-ba23-18c1737bdac4" name="Attempts" type="Data">

<narrative>

</narrative>

<displayx>195</displayx>

<displayy>75</displayy>

<displaywidth>150</displaywidth>
```

```
<displayheight>30</displayheight>

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

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5d40022e-de34-47c9-87bb-c2592353a46e" name="Get Next Item" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>165</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>39e2f7a6-a6ee-468e-bfe3-7f26bc20cdfa</onsuccess>
```

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="fcd4b778-4b72-4287-9dc5-e47c0433bbf4" name="Sign Into Blue Prism" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>-315</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Username" expr=""/>

<input type="password" name="Password" expr=""/>

</inputs>

<onsuccess>a1170194-8297-440d-96fe-838c7addebce</onsuccess>

<resource object="Blue Prism" action="Sign In"/>

</stage>

<stage stageid="9b20e4af-26d3-43e4-ba6f-712c685007a5" name="Create Work Queue" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>-45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the work queue" expr="[Queue Name]"/>

```
<input type="text" name="Key Field" narrative="The key field for the work queue" expr=""/>
<input type="flag" name="Active" narrative="Flag indicating if the work queue should be made active or not" expr=""/>
<input type="number" name="Max Attempts" narrative="The maximum number of attempts to allow on this queue" expr=""/>
<input type="flag" name="Set Encryption?" narrative="This is a flag to tick the encryption tickbox for a queue" expr=""/>
<input type="text" name="Scheme Name" narrative="This is the name of the scheme in which you wish to create the queue" expr=""/>
<input type="flag" name="Set Active Queue" narrative="True or False, do you want to make this an active queue" expr=""/>
<input type="text" name="Assigned Process" narrative="The name of the proccess you wish to assign to this queue" expr=""/>
<input type="text" name="Assigned Resource Group" narrative="The name of the resoruce group you want to assign to this queue" expr=""/>
</inputs>

<onsuccess>bf2e1b4e-c947-4612-b880-eb59eb67956f</onsuccess>

<resource object="Blue Prism - System - Workflow" action="Create Work Queue"/>

</stage>

<stage stageid="d85d98b1-ac74-4971-a6bb-62f7aad68adf" name="Scheme Name" type="Data">

<narrative>

</narrative>

<displayx>-270</displayx>

<displayy>-375</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Work Queue Encrypter</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="6b5433e9-ffaa-4f73-b2ad-e83b2a726027" name="Method" type="Data">

<narrative>
```

```
</narrative>

<displayx>-270</displayx>

<displayy>-285</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Triple DES (192 bit) (Retired)</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f43d09cc-8b95-44be-bc0d-771fa19e512d" name="Queue Name" type="Data">

<narrative>

</narrative>

<displayx>-270</displayx>

<displayy>-345</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Fail example</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3ad23989-802b-4424-8c5f-17c52b80e996" name="Retry" type="Data">

<narrative>

</narrative>
```

```
<displayx>-270</displayx>

<displayy>-195</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>flag</datatype>

<initialvalue>True</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="bc12554f-1b92-4f6a-b7d1-607368cf3014" name="Exception Reason" type="Data">

<narrative>

</narrative>

<displayx>-270</displayx>

<displayy>-225</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Because I want it to</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="7527204a-4b35-4dc6-b83f-880e92b95ee2" name="Set Encryption?" type="Data">

<narrative>

</narrative>

<displayx>-270</displayx>
```

<display>-315</display>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>flag</datatype>

<initialvalue>True</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="436975eb-f321-4c79-936d-45625820d2ef" name="Output Parameters" type="Block">

<narrative>

</narrative>

<displayx>-30</displayx>

<display>45</display>

<displaywidth>315</displaywidth>

<displayheight>60</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="FF9900"/>

</stage>

<stage stageid="8b259b19-932b-40af-8ab2-65cf4fe228fb" name="Terminate" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<display>645</display>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>4af4b0a0-e321-4423-a2d1-136373f150d3</onsuccess>



<resource object="Blue Prism" action="Exit Application"/>

</stage>

<stage stageid="aa482d89-0c08-4afa-92e5-d0e57358d563" name="Delete Item" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>285</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to delete. An error will be raised if this item

</inputs>

<onsuccess>347da324-830d-4d12-8260-01a4cf6fc4cb</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Item"/>

</stage>

<stage stageid="39e2f7a6-a6ee-468e-bfe3-7f26bc20cdfa" name="Unlock Item" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>240</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

```
<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action c

</outputs>

<onsuccess>aa482d89-0c08-4afa-92e5-d0e57358d563</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="8c5c00c0-7681-475e-b3be-088cd43ceabe" name="Delete Queue" type="Action">

<narrative>

</narrative>

<displayx>-105</displayx>

<displayy>420</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name

</inputs>

<onsuccess>80ca0b9e-b795-4177-b35b-b405d33dd68c</onsuccess>

<resource object="Blue Prism - System - Workflow" action="Delete Work Queue"/>

</stage>

<stage stageid="faba0d40-3efc-4604-8ace-16117f9b24ca" name="The Testing Part" type="Block">

<narrative>

</narrative>

<displayx>-165</displayx>

<displayy>0</displayy>

<displaywidth>120</displaywidth>

<displayheight>195</displayheight>
```

<font family="Segoe UI" size="10" style="Regular" color="FF6600"/>

</stage>

<stage stageid="7c738f06-9cc0-42f2-9922-7b67b693f18a" name="Cleaning Up" type="Block">

<narrative>

</narrative>

<displayx>-165</displayx>

<displayy>210</displayy>

<displaywidth>120</displaywidth>

<displayheight>465</displayheight>

<font family="Segoe UI" size="10" style="Regular" color="CC99FF"/>

</stage>

<stage stageid="9e6b9874-9f95-4b37-adfc-cf9054a1ad72" name="Setup Work" type="Block">

<narrative>

</narrative>

<displayx>-165</displayx>

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<stage stageid="871d65e2-4d02-4ae9-b834-6a5e0cdd2c8a" name="Scheme to Select" type="Data">

<narrative>

</narrative>

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<alwaysinit/>
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<stage stageid="09119300-bdf7-4250-9dcc-b2b58f2a7c6d" name="Go To Home" type="Action">
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</narrative>
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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>b68e1c28-2aee-40d0-ad86-878117d665bc</onsuccess>
<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>
</stage>
<stage stageid="b68e1c28-2aee-40d0-ad86-878117d665bc" name="Go To System" type="Action">
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</narrative>
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<inputs>

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<onsuccess>9b20e4af-26d3-43e4-ba6f-712c685007a5</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="347da324-830d-4d12-8260-01a4cf6fc4cb" name="Go To Home" type="Action">

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<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

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<onsuccess>8c5c00c0-7681-475e-b3be-088cd43ceabe</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="a60c7271-f5f2-4526-a0b8-bb5dba611949" name="Create Encrypt Scheme" type="Action" />

<narrative>

</narrative>

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<displayy>-180</displayy>

<displaywidth>90</displaywidth>

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<inputs>

<input type="text" name="Scheme Name" narrative="The name in which you want to call your encrpytion scheme" />

<input type="flag" name="Available?" narrative="This will tick a box that allows the encryption scheme to be available" />

<input type="flag" name="Database?" narrative="Mark as true if you want to store the scheme on the database" />

<input type="text" name="Method" narrative="The encryption method used with the scheme." expr="[Method]" />

</inputs>

<onsuccess>09119300-bdf7-4250-9dcc-b2b58f2a7c6d</onsuccess>

<resource object="Blue Prism - System - Security" action="Encryption Schemes - Create Encryption Scheme" />

</stage>

<stage stageid="507d7136-b6de-4a08-9176-28b7d4b87b74" name="Click Encryption Schemes" type="Action" />

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<input type="text" name="Tree Name" narrative="Name of the tree to be extended." expr="&quot;Seco

<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;End

<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>a60c7271-f5f2-4526-a0b8-bb5dba611949</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="a1170194-8297-440d-96fe-838c7addebce" name="Go to System" type="Action">

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</narrative>

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<inputs>

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<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

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<stage stageid="629a9337-3d72-4451-b3a5-0e32b6157ac5" name="Delete Encrypt Scheme" type="Action" >

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<inputs>

<input type="text" name="Scheme Name" narrative="This is the name of the encryption scheme you wish to delete." />

</inputs>

<onsuccess>8b259b19-932b-40af-8ab2-65cf4fe228fb</onsuccess>

<resource object="Blue Prism - System - Security" action="Encryption Schemes - Delete Encryption Scheme" />

</stage>

<stage stageid="63486c47-ae51-46d5-9fef-d48b82ec11c6" name="Click Encryption Schemes" type="Action" >

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Tree Name" narrative="Name of the tree to be extended." expr="&quot;Security Schemes -> Encryption Schemes -> Delete Encryption Scheme" />

</inputs>
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<input type="text" name="Item Name" narrative="Name of the item to be clicked on." expr="&quot;End
<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>629a9337-3d72-4451-b3a5-0e32b6157ac5</onsuccess>

<resource object="Blue Prism - System - Basic Actions" action="Click Item From System Tree"/>

</stage>

<stage stageid="2d4244cb-b527-46df-8992-6890f53251b2" name="Go to System" type="Action">

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<input type="text" name="Tab Name" narrative="Name of Tab to Click" expr="&quot;System&quot;

</inputs>

<onsuccess>63486c47-ae51-46d5-9fef-d48b82ec11c6</onsuccess>

<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="80ca0b9e-b795-4177-b35b-b405d33dd68c" name="Go to Home" type="Action">

<narrative>

</narrative>

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<inputs>

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<resource object="Blue Prism - Basic Actions" action="Go to Tab"/>

</stage>

<stage stageid="348460c5-4944-44db-8216-f90edda91cbe" name="Launch Blue Prism" type="Action">

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</narrative>

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<outputs>

<output type="number" name="pid" narrative="PID of the process" stage="pid"/>

</outputs>

<onsuccess>2d0940e5-6d6f-48e6-b8f7-ea0272b6dd5e</onsuccess>

<resource object="Blue Prism" action="Launch and Get PID"/>

</stage>

<stage stageid="2d0940e5-6d6f-48e6-b8f7-ea0272b6dd5e" name="Attach System" type="Action">

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<inputs>

<input type="number" name="pid" narrative="PID to attach to" expr="[pid]"/>

</inputs>

<onsuccess>fcd4b778-4b72-4287-9dc5-e47c0433bbf4</onsuccess>

<resource object="Blue Prism - System (Parent)" action="Attach to Pid"/>

</stage>

<stage stageid="fd169da8-4060-4863-82e7-82c81285b946" name="pid" type="Data">

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<private/>

<alwaysinit/>

</stage>

</process>

<process name="Test Queue Exception Reporting" version="1.0" narrative="Tests the work queue &amp;c

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<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="d426fbc4-564b-42dc-8665-da17748528ed" type="Normal" published="False">

<name>Populate Queue</name>

<view>

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<cameray>75</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="1f7bb4a0-c81b-4e88-a3cc-ef7eada77325" type="Normal" published="False">

<name>PadLeft</name>

<view>

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<cameray>0</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="459b28a4-290f-47ea-8846-4a003e4ac7a0" type="Normal" published="False">

<name>Work All Items</name>

<view>

<camerax>0</camerax>

<cameray>54</cameray>

<zoom>1</zoom>

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</view>

</subsheet>

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</narrative>

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</stage>

<stage stageid="f79ea197-143f-49b3-8e6c-231a7e354cec" name="Stage1" type="ProcessInfo">

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</stage>

<stage stageid="cda6344d-60f3-4b67-8e0c-0a9494f5f44d" name="Work All Items" type="SubSheetInfo">

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</stage>

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<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

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</narrative>

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<inputs>

<input type="flag" name="Mark As Exception" stage="Mark As Exception"/>

</inputs>

<onsuccess>82fec59b-2215-461c-aeac-b3e67abd29eb</onsuccess>

</stage>

<stage stageid="82fec59b-2215-461c-aeac-b3e67abd29eb" name="Get Next Item" type="Action">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

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<inputs>

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

<input type="text" name="Key Filter" expr=""/>

</inputs>

<outputs>

<output type="text" name="Item ID" stage="Item ID"/>

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

<output type="text" name="Status" stage="Status"/>

<output type="number" name="Attempts" stage="Attempts"/>

</outputs>

<onsuccess>caaf5db2-c7bd-4dff-9059-890567760165</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="af6d3614-3d48-453d-929d-52a1b3655d95" name="Exception" type="Action">

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<inputs>

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

<input type="text" name="Exception Reason" expr="&quot;Because life's tough&quot;"/>

</inputs>

<onsuccess>19388a1e-a208-49cc-ab38-c5730cf6206f</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

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<stage stageid="caaf5db2-c7bd-4dff-9059-890567760165" name="Item Found?" type="Decision">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

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<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>c26a8298-a019-4c19-9eca-433d0414d27a</ontrue>

<onfalse>85e8f976-8942-45f1-93e2-cdc149678fe1</onfalse>

</stage>

<stage stageid="19388a1e-a208-49cc-ab38-c5730cf6206f" name="anchor2" type="Anchor">

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</narrative>

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</stage>

<stage stageid="60168dc8-d6b7-49b5-869c-8a4b97dd80ed" name="anchor3" type="Anchor">

<subsHEETid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsHEETid>

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</narrative>

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</stage>

<stage stageid="4cb73630-2c9b-4cb5-a46a-3f39ea34f99b" name="anchor4" type="Anchor">

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<narrative>

</narrative>

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</stage>

<stage stageid="85e8f976-8942-45f1-93e2-cdc149678fe1" name="End1" type="End">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

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<narrative>

</narrative>

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</stage>

<stage stageid="7c1e4c41-7543-40a2-883c-f85ccc3c1523" name="Populate Queue" type="SubSheetInfo">

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<narrative>

</narrative>

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</narrative>

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<input type="number" name="Num Cases to Create" stage="Num Cases to Create"/>

</inputs>

<onsuccess>0158ace2-3bbe-4fb4-9cad-63fa3e52e451</onsuccess>

</stage>

<stage stageid="3c578ecf-5628-41e0-beac-67efbc5b06e4" name="Data" type="Collection">

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<private/>

<alwaysinit/>

<collectioninfo>
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<field name="Account Number" type="text"/>

<field name="Name" type="text"/>

<field name="Balance" type="number"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Account Number" type="text" value="41987664"/>

<field name="Name" type="text" value="Mr Smith"/>

<field name="Balance" type="number" value="54.12"/>

</row>

</initialvalue>

</stage>

<stage stageid="998a5f0a-9fc7-4b37-b020-e638f6990fbe" name="Load data" type="Action">

<subsheetsid>d426fbc4-564b-42dc-8665-da17748528ed</subsheetsid>

<loginhibit/>

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

<inputs>

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

<input type="collection" name="Data" expr="[Data]"/>

<input type="datetime" name="Defer Until" expr="Now()"/>

<input type="number" name="Priority" expr=""/>
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```
</inputs>

<onsuccess>5f2943cf-8fe0-4b11-8603-04fe08d0bdfe</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="62d34ecf-4db4-4f0a-a961-27d17603aaa6" name="Increment Case Count" type="Calculat

<subsheetid>d426fbc4-564b-42dc-8665-da17748528ed</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<onsuccess>005757f7-3db0-4da5-9021-c03f1ecb087f</onsuccess>

<calculation expression="1 + [Case Count]" stage="Case Count"/>

</stage>

<stage stageid="eae7837f-dc83-4914-8da3-f2d260e9a155" name="Case Count" type="Data">

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<private/>

<alwaysinit/>

</stage>

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<inputs>

<input type="number" name="Number" expr="[Case Count]"/>

</inputs>

<outputs>

<output type="text" name="Padded Number" stage="Padded Number"/>

</outputs>

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<processid>1f7bb4a0-c81b-4e88-a3cc-ef7eada77325</processid>

</stage>

<stage stageid="e6d59ae5-b28a-4e12-b9fc-7e0503b34a45" name="Padded Number" type="Data">

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<stage stageid="5f2943cf-8fe0-4b11-8603-04fe08d0bdfe" name="Enough Cases?" type="Decision">

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<onfalse>f29b7ca1-c099-4587-849b-2990b2c6eb57</onfalse>

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</stage>

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<input type="datetime" name="Date Threshold" expr="Now()"/>

</inputs>

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

</outputs>

<onsuccess>8dbb7867-a19d-4d98-bcfe-71a1456dece7</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

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<stage stageid="e651f7b3-d575-4a9c-8f74-f4ff334d0c0b" name="Deletion Count" type="Data">

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<input type="number" name="Num Cases to Create" expr="[Total Items]"/>

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<stage stageid="285331fb-0017-4856-8165-25f85b83c9a6" name="Total Items" type="Data">

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<inputs>

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

<input type="datetime" name="Start Date" expr="Now() - MakeTimeSpan(0,1,0,0,0)"/>

<input type="datetime" name="End Date" expr="Now() + MakeTimeSpan(0,1,0,0,0)"/>

<input type="number" name="Maximum Rows" expr="[Max Rows]"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>4979d60a-c6f3-48b9-ac8f-848c8c54dae7</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Exception Items"/>

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<stage stageid="0f59feed-3b6c-46d6-a37a-3db8937f2bc4" name="For Each Exception Item" type="LoopS

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<stage stageid="454ce351-a10a-47c4-a1ed-515e800c4d4e" name="Next" type="LoopEnd">

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<stage stageid="8becfb6e-d826-4d2c-b772-34c23e8cda8c" name="Delete Item" type="Action">

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<inputs>

<input type="text" name="Item ID" expr="[Exception Items.Item ID]"/>

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<onsuccess>454ce351-a10a-47c4-a1ed-515e800c4d4e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Item"/>

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<input type="text" name="Collection Name" expr="&quot;Exception Items&quot;"/>

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<outputs>

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

</outputs>

<onsuccess>82beb6f7-7c99-44c7-83e8-989e1f91e7d2</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="82beb6f7-7c99-44c7-83e8-989e1f91e7d2" name="Any Exceptions?" type="Decision">
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<onfalse>f59bcf99-a973-464a-9b96-c4b83f9112cc</onfalse>

</stage>

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<calculation expression="1 + [LoopCount]" stage="LoopCount"/>

</stage>

<stage stageid="77c5ba55-6d1f-4f64-9408-bc35bb3f1c19" name="LoopCount" type="Data">

<narrative>

</narrative>

<displayx>-270</displayx>

<displayy>570</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>
```

```
<stage stageid="878dae8f-d2a4-4359-a4e4-3ded7d6d7d38" name="Max Rows" type="Data">
<narrative>
</narrative>
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<displayy>285</displayy>
<displaywidth>60</displaywidth>
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<initialvalue>100</initialvalue>
<private/>
<alwaysinit/>
</stage>

<stage stageid="f59bcf99-a973-464a-9b96-c4b83f9112cc" name="Validate LoopCount" type="Decision">
<narrative>
</narrative>
<displayx>120</displayx>
<displayy>390</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<decision expression="RndUp([Total Items] / [Max Rows]) = [LoopCount]"/>
<ontrue>a4b5235e-8adc-45ad-bbef-f50e973f25e5</ontrue>
<onfalse>1728786a-7f12-4be4-85c7-5e34e8f6d267</onfalse>
</stage>

<stage stageid="a6352afd-9835-4833-b94e-030631b4e7ca" name="Get Exceptions From Yesterday" type="Data">
<narrative>
```

```
</narrative>

<displayx>15</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

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

<input type="datetime" name="Start Date" expr="Now() - MakeTimeSpan(1,0,0,0,0)"/>

<input type="datetime" name="End Date" expr="Now() - MakeTimeSpan(0,2,0,0,0)"/>

<input type="number" name="Maximum Rows" expr="[Max Rows]"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>66682d45-c6bc-414d-a668-dba6e49d3bd2</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Exception Items"/>

</stage>

<stage stageid="66682d45-c6bc-414d-a668-dba6e49d3bd2" name="Count Collection Rows" type="Action

<narrative>

</narrative>

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<displayy>-60</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>
```

```
<input type="text" name="Collection Name" expr="&quot;Exception Items&quot;"/>
</inputs>
<outputs>
<output type="number" name="Count" stage="Count"/>
</outputs>
<onsuccess>44f75c23-87a1-4203-af25-42361f7880e5</onsuccess>
<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>
</stage>
<stage stageid="ecabb9c9-295d-4aed-bb13-309f9a65e6fd" name="Count" type="Data">
<narrative>
</narrative>
<displayx>105</displayx>
<displayy>-60</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<datatype>number</datatype>
<initialvalue/>
<private/>
<alwaysinit/>
</stage>
<stage stageid="44f75c23-87a1-4203-af25-42361f7880e5" name="Any Exceptions?" type="Decision">
<narrative>
</narrative>
<displayx>15</displayx>
<displayy>-15</displayy>
<displaywidth>60</displaywidth>
```

```
<displayheight>30</displayheight>

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

<decision expression="[Count] &gt; 0"/>

<ontrue>ca350b6a-2a99-4881-8ac7-7f2d5665f274</ontrue>

<onfalse>685698d0-b7d9-4cf3-9abe-072b6344533c</onfalse>

</stage>

<stage stageid="9fa834f7-e460-4d9d-a362-b577d51e0f2f" name="Mark As Exception" type="Data">

<subsheetsid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>90</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="c26a8298-a019-4c19-9eca-433d0414d27a" name="Exception?" type="Decision">

<subsheetsid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>
```

```
<displayy>105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Mark As Exception]"/>

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<onfalse>ea82417f-c4fb-4995-8468-66953591ba12</onfalse>

</stage>

<stage stageid="ea82417f-c4fb-4995-8468-66953591ba12" name="Completed" type="Action">

<subsheetid>459b28a4-290f-47ea-8846-4a003e4ac7a0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>165</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

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

</inputs>

<onsuccess>19388a1e-a208-49cc-ab38-c5730cf6206f</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

</stage>

<stage stageid="685698d0-b7d9-4cf3-9abe-072b6344533c" name="Populate Queue" type="SubSheet">

<narrative>

</narrative>
```

```
<displayx>15</displayx>

<displayy>45</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="number" name="Start Account Number" expr="[Total Items]"/>

<input type="number" name="Num Cases to Create" expr="[Total Items]"/>

</inputs>

<onsuccess>11188e3b-d675-43c5-9366-cee91c5d947c</onsuccess>

<processid>d426fbc4-564b-42dc-8665-da17748528ed</processid>

</stage>

<stage stageid="11188e3b-d675-43c5-9366-cee91c5d947c" name="Mark All as Completed" type="SubSh

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="flag" name="Mark As Exception" expr="False"/>

</inputs>

<onsuccess>df43b95a-d7e0-404c-8344-aad61907f940</onsuccess>

<processid>459b28a4-290f-47ea-8846-4a003e4ac7a0</processid>

</stage>

<stage stageid="df43b95a-d7e0-404c-8344-aad61907f940" name="Get Exceptions From Yesterday" type=
```



```
<narrative>

</narrative>

<displayx>15</displayx>

<displayy>135</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

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

<input type="datetime" name="Start Date" expr="Now() - MakeTimeSpan(1,0,0,0,0)"/>

<input type="datetime" name="End Date" expr="Now() - MakeTimeSpan(0,2,0,0,0)"/>

<input type="number" name="Maximum Rows" expr="[Max Rows]"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>b60ecc8c-1529-4f75-8f9f-b732c7ebf2bc</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Exception Items"/>

</stage>

<stage stageid="b60ecc8c-1529-4f75-8f9f-b732c7ebf2bc" name="Count Collection Rows" type="Action">

<narrative>

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<displayx>15</displayx>

<displayy>180</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" expr="&quot;Exception Items&quot;"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>d960a45e-20b5-494b-acfd-408f24c0c10d</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="d960a45e-20b5-494b-acfd-408f24c0c10d" name="Any Exceptions?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>225</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] &gt; 0"/>

<ontrue>08491214-505f-4295-97d1-bf4436f79f60</ontrue>

<onfalse>5dcba542-4394-49d9-ad76-e8a46343ffa0</onfalse>

</stage>

<stage stageid="8dbb7867-a19d-4d98-bcfe-71a1456dece7" name="Get All Exceptions" type="Action">

<narrative>

</narrative>

<displayx>-180</displayx>

<displayy>-300</displayy>

<displaywidth>90</displaywidth>

```
<displayheight>30</displayheight>

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

<inputs>

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

<input type="datetime" name="Start Date" expr=""/>

<input type="datetime" name="End Date" expr=""/>

<input type="number" name="Maximum Rows" expr=""/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>226f3b60-410b-443a-9947-606d1f8d0c4f</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Exception Items"/>

</stage>

<stage stageid="226f3b60-410b-443a-9947-606d1f8d0c4f" name="Count Them" type="Action">

<narrative>

</narrative>

<displayx>-180</displayx>

<displayy>-255</displayy>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" expr="&quot;Exception Items&quot;"/>

</inputs>

<outputs>

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

</outputs>

<onsuccess>0a0d283d-0b5c-4414-867f-5085b5b7ca81</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="0a0d283d-0b5c-4414-867f-5085b5b7ca81" name="Any Exceptions?" type="Decision">

<narrative>

</narrative>

<displayx>-180</displayx>

<displayy>-210</displayy>

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<displayheight>30</displayheight>

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

<decision expression="[Count] &gt; 0"/>

<ontrue>a0fcdeae-e6a3-4da7-a816-538aa1bad5b5</ontrue>

<onfalse>589ff859-2e90-42c9-969a-4ed965be1404</onfalse>

</stage>

<stage stageid="a0fcdeae-e6a3-4da7-a816-538aa1bad5b5" name="Note1" type="Note">

<narrative>FAIL</narrative>

<displayx>-285</displayx>

<displayy>-210</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="615e306f-3cbf-462d-bba7-fa9490c9ccf2" name="Mark All as Exception" type="SubSheet">

<narrative>

</narrative>

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<displayy>-360</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="flag" name="Mark As Exception" expr="True"/>

</inputs>

<onsuccess>2c0a20aa-8ec1-436e-a8a6-63118c8c2b67</onsuccess>

<processid>459b28a4-290f-47ea-8846-4a003e4ac7a0</processid>

</stage>

<stage stageid="852426a6-4c7e-4ae1-90c1-2de10408c485" name="Create Queue" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-405</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="[Queue N

<input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a

<input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the qu

</inputs>

<outputs>

<output type="flag" name="Success" narrative="Whether the create call was successful or not" stage=""/>

<output type="text" name="Subprocess Output" narrative="The output from the automatec &quot;crea
```

</outputs>

<onsuccess>615e306f-3cbf-462d-bba7-fa9490c9ccf2</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>

<stage stageid="a7f23235-f8a4-430e-be34-e6f3a1881930" name="Queue Name" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>-30</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">queueexceptiondeletion</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="a4b5235e-8adc-45ad-bbef-f50e973f25e5" name="Destroy Queue" type="Action">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>465</displayy>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name

</inputs>

```
<onsuccess>4ec064ff-a86c-40d8-87ea-9508b36ba754</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>

</stage>

<stage stageid="ca350b6a-2a99-4881-8ac7-7f2d5665f274" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>-15</displayy>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failed Exception" detail="&quot;Found &quot; &amp; [Count] &amp;

</stage>

<stage stageid="08491214-505f-4295-97d1-bf4436f79f60" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>105</displayx>

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

<exception type="Test Failed Exception" detail="&quot;Found &quot; &amp; [Count] &amp;

</stage>

<stage stageid="1728786a-7f12-4be4-85c7-5e34e8f6d267" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>195</displayx>
```

```
<display>390</display>

<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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<exception type="Test Failed Exception" detail="&quot;Max Rows not working - LoopCount of &quot;

</stage>

</process>

<process name="Test Queue Get Items" version="1.0" narrative="Tests the getting of work items on which

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="5bfccf1a-5107-4a3d-870d-412f7ffdb3a0" type="Normal" published="False">

<name>Check Count</name>

<view>

<camerax>185</camerax>

<cameray>126</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="9aecab5e-43b6-4f47-9ef2-02a4be38c49d" type="Normal" published="False">

<name>Work Items</name>

<view>

<camerax>0</camerax>
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<cameray>126</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<stage stageid="136e9ee9-7c77-4c2a-a3ec-f68b6edca0c8" name="Start" type="Start">

<narrative>

</narrative>

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<displayy>-165</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>4c411ee6-ec6a-4ddd-9414-441a2180e0c7</onsuccess>

</stage>

<stage stageid="3171df5b-3ab7-4c2b-88fd-69e01f269b2b" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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</stage>

<stage stageid="4c411ee6-ec6a-4ddd-9414-441a2180e0c7" name="Create Queue" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

```
<display>-105</display>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="[Queue N

<input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a

<input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the qu

</inputs>

<onsuccess>71a46ec5-6b49-44b6-b4f5-cc6f55e6a13f</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>

<stage stageid="f751bd24-4285-4896-9611-1e7a46b71a1f" name="Queue Name" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<display>-30</display>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">queuegetitems</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="0d0259bf-e7c2-498b-a22f-944a6f5940ee" name="Light Side" type="Collection">

<narrative>

</narrative>
```

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<displayy>90</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text"/>

<field name="Midichlorian Count" type="number"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Luke Skywalker"/>

<field name="Midichlorian Count" type="number" value="224"/>

</row>

<row>

<field name="Name" type="text" value="Han Solo"/>

<field name="Midichlorian Count" type="number" value="2"/>

</row>

<row>

<field name="Name" type="text" value="Obi Wan Kenobi"/>

<field name="Midichlorian Count" type="number" value="145"/>

</row>

</initialvalue>

</stage>
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<stage stageid="71a46ec5-6b49-44b6-b4f5-cc6f55e6a13f" name="Add Light Side" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>f78b7d70-098d-466d-9b7b-7258b021a0a6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="f448434a-663a-4f1d-bae2-159b89032c88" name="Add Dark Side" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>531ad98e-bff3-4532-91fb-238a92a9d15d</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="40d2437e-415e-442f-94b8-0106bc8dae73" name="Light - Completed" type="Data">

<narrative>

</narrative>

<displayx>-180</displayx>

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<alwaysinit/>

</stage>

<stage stageid="d0d97f37-b361-44db-acc4-a2e968f3d0a4" name="Light - Exceptioned" type="Data">

<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="531ad98e-bff3-4532-91fb-238a92a9d15d" name="Work the dark" type="SubSheet">

<narrative>(Not a euphemism)</narrative>

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<displayy>135</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Tags" narrative="The tags to work" expr="[Dark Tag]"/>

</inputs>

<outputs>
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```
<output type="number" name="Completed Item Count" stage="Dark - Completed"/>
<output type="number" name="Exception Item Count" stage="Dark - Exceptioned"/>
</outputs>
<onsuccess>5a220c1f-59dc-4554-909f-686e22651bf5</onsuccess>
<processid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</processid>
</stage>
<stage stageid="ea23eae3-792b-490b-ada1-af524ba8258d" name="Dark - Exceptioned" type="Data">
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</narrative>
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<private/>
<alwaysinit/>
</stage>
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</narrative>
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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="ff9242f7-d9d0-4abe-8469-e236afdd28dc" name="Light Tag" type="Data">

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<initialvalue xml:space="preserve">Light Side</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="e40c7f84-144d-4344-8d17-65a15e5c042c" name="Dark Tag" type="Data">

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<initialvalue xml:space="preserve">Dark Side</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5ef7bc46-0bb1-44bc-8719-7bf8e11bddf7" name="Dark Side" type="Collection">

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</narrative>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Name" type="text"/>

<field name="Midichlorian Count" type="number"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Name" type="text" value="Emperor Palpatine"/>

<field name="Midichlorian Count" type="number" value="183"/>

</row>

<row>

<field name="Name" type="text" value="Darth Maul"/>

<field name="Midichlorian Count" type="number" value="146"/>
```

```
</row>

<row>

<field name="Name" type="text" value="Boba Fett"/>

<field name="Midichlorian Count" type="number" value="29"/>

</row>

</initialvalue>

</stage>

<stage stageid="6248cdc2-2ae0-4730-83ed-1e3f7c2436f3" name="Er" type="Collection">

<narrative>

</narrative>

<displayx>-210</displayx>

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<singlerow/>

<field name="Name" type="text"/>

<field name="Midichlorian Count" type="number"/>

</collectioninfo>

<initialvalue>

<singlerow/>

<row>

<field name="Name" type="text" value="Anakin Skywalker"/>
```

```
<field name="Midichlorian Count" type="number" value="227"/>

</row>

</initialvalue>

</stage>

<stage stageid="4d2f9091-ee20-470c-b745-e159c3a51095" name="Work Items" type="SubSheetInfo">

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<narrative>

</narrative>

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</stage>

<stage stageid="f2aabc76-d39f-4cb1-a313-7feba2b8844b" name="Start" type="Start">

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<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Tags" narrative="The tags to work" stage="Tags"/>

</inputs>
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<onsuccess>a4b9b5a5-b5f5-47d0-a623-affd23a979c7</onsuccess>

</stage>

<stage stageid="a4b9b5a5-b5f5-47d0-a623-affd23a979c7" name="Get Next Item" type="Action">

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<loginhibit/>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage="Status"/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>99e10151-1e1e-4d68-a9bc-2304f9452512</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="34176cf9-36ab-43b2-b6c4-27c1bcd1ff3a" name="Get Random (1,100)" type="Action">

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<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>15</displayx>

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<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="number" name="Min Value" expr="1"/>

<input type="number" name="Max Value" expr="100"/>

</inputs>

<outputs>

<output type="number" name="Output" stage="Success Random"/>

</outputs>

<onsuccess>48ab7654-341b-4236-8c8d-6b79c91d9f49</onsuccess>

<resource object="Queue Utils" action="Get Random Number"/>

</stage>

<stage stageid="aa4a17eb-e62f-43c2-b144-cace9e01adfe" name="Success Random" type="Data">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>120</displayx>

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<displaywidth>60</displaywidth>
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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4d159ef5-ab60-40f1-964e-b54f1927f10e" name="Exception" type="Action">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<loginhibit/>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of retries" expr="[Retry]"/>

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" expr="[Keep Locked]"/>

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be cloned from the item with ID [Item ID]"/>

</outputs>

<onsuccess>b5348e56-7848-4d67-b329-227057fdcff1</onsuccess>

```
<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="ca9f25be-41f3-4244-9f22-b57ee0ce35c9" name="Completed" type="Action">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<loginhibit/>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

</inputs>

<onsuccess>2d74aa11-1466-4c89-a783-5c7848aa804e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

</stage>

<stage stageid="48ab7654-341b-4236-8c8d-6b79c91d9f49" name="Outcome?" type="ChoiceStart">

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<narrative>

</narrative>

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<choices>
<choice expression="[Success Random] &lt;= 50">
<name>Exception</name>
<distance>60</distance>
<ontrue>4d159ef5-ab60-40f1-964e-b54f1927f10e</ontrue>
</choice>
<choice expression="True">
<name>Success</name>
<distance>120</distance>
<ontrue>ca9f25be-41f3-4244-9f22-b57ee0ce35c9</ontrue>
</choice>
</choices>
</stage>
<stage stageid="aca1b0be-bfe4-4ba9-ba5c-e5547b4e028d" name="Otherwise1" type="ChoiceEnd">
<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>
<loginhibit/>
<narrative>
</narrative>
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<onsuccess>bc6965bf-a680-4ce1-9400-4b8af00ca461</onsuccess>
<groupid>f3f6e50e-1bce-4c49-a95e-5cb80df95222</groupid>
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```
</stage>

<stage stageid="99e10151-1e1e-4d68-a9bc-2304f9452512" name="Item Found?" type="Decision">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

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<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>34176cf9-36ab-43b2-b6c4-27c1bcd1ff3a</ontrue>

<onfalse>61201be8-cda2-4bd4-9460-60348f6d9f6c</onfalse>

</stage>

<stage stageid="7d839d52-4443-4e53-ab95-205f95e095c5" name="anchor1" type="Anchor">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<loginhibit/>

<narrative>

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<onsuccess>e3648fe6-dc81-4196-b6a3-0cc524fe2804</onsuccess>

</stage>
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<stage stageid="e3648fe6-dc81-4196-b6a3-0cc524fe2804" name="anchor2" type="Anchor">  
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<loginhibit/>  
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</narrative>  
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<onsuccess>0619c901-9525-45b1-8b2d-214ebb4326bf</onsuccess>  
</stage>

<stage stageid="faeb0a9e-1baf-4947-87c6-5f1abaeadb90" name="anchor3" type="Anchor">  
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</stage>

<stage stageid="0619c901-9525-45b1-8b2d-214ebb4326bf" name="anchor4" type="Anchor">  
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</narrative>

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</stage>

<stage stageid="f3cd63a2-8796-4f46-afe3-5fd26065dd34" name="End1" type="End">

<subsheetsid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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<outputs>

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

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

</outputs>

</stage>

<stage stageid="01d01d3c-e249-41ad-8f90-699a214f96d4" name="Item ID" type="Data">

<subsheetsid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetsid>

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</narrative>

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<stage stageid="a4193a6c-52d0-48a4-9721-2b715e3ba374" name="Data" type="Collection">

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<alwaysinit/>

</stage>

<stage stageid="3fc87916-6297-4c8a-9b14-34a2ca552468" name="Status" type="Data">
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<loginhibit/>

<narrative>

</narrative>

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</stage>

<stage stageid="fa6cfaa3-ee03-49d5-834e-5910b83f788b" name="Attempts" type="Data">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

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</narrative>

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</stage>

<stage stageid="61201be8-cda2-4bd4-9460-60348f6d9f6c" name="No More Items" type="Note">

<subsHEETid>9aecaB5e-43b6-4f47-9ef2-02a4be38c49d</subsHEETid>

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<narrative>No More Items</narrative>

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</stage>

<stage stageid="b5348e56-7848-4d67-b329-227057fdcff1" name="Increment Exception Items" type="Calculation">

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<calculation expression="1+[Exception Items]" stage="Exception Items"/>

</stage>

<stage stageid="8f0109d0-2a09-4f89-9fe9-8b82b23c5fed" name="Completed Items" type="Data">

<subsHEETid>9aecaB5e-43b6-4f47-9ef2-02a4be38c49d</subsHEETid>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="2d74aa11-1466-4c89-a783-5c7848aa804e" name="Increment Completed Items" type="C

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<narrative>

</narrative>

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<onsuccess>7d839d52-4443-4e53-ab95-205f95e095c5</onsuccess>

<calculation expression="1+[Completed Items]" stage="Completed Items"/>

</stage>

<stage stageid="69d7e049-5bd3-4e83-9ff8-471b2ae1d770" name="Exception Items" type="Data">

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<private/>

<alwaysinit/>

</stage>

<stage stageid="bc6965bf-a680-4ce1-9400-4b8af00ca461" name="Nuh-uh" type="Exception">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<narrative>

</narrative>

<displayx>105</displayx>

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<exception type="NeverException" detail="&quot;It can never happen, really, unless something's \*rea

</stage>

<stage stageid="cbd6949a-bead-48d0-ad1a-7a9a447c027f" name="Tags" type="Data">

<subsheetid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</subsheetid>

<narrative>



```
</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3ce383d9-dbc4-4978-9f14-ce8ac03dbf0e" name="Light Side" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

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<stage stageid="2d28a1a4-5adc-41d6-a322-e9de8fba7374" name="Dark Side" type="Block">

<narrative>

</narrative>

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<stage stageid="5a220c1f-59dc-4554-909f-686e22651bf5" name="Add Er.." type="Action">

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>5bddb32d-d80a-46a3-af8c-55874ef0246f</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="6a6d77c5-98b8-432f-9d1a-d84a6b88bca3" name="Er" type="Block">

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</narrative>
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<stage stageid="f78b7d70-098d-466d-9b7b-7258b021a0a6" name="Work the light" type="SubSheet">

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</narrative>

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<inputs>

<input type="text" name="Tags" narrative="The tags to work" expr="[Light Tag]"/>

</inputs>

<outputs>

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

<output type="number" name="Exception Item Count" stage="Light - Exceptioned"/>

</outputs>

<onsuccess>f448434a-663a-4f1d-bae2-159b89032c88</onsuccess>

<processid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</processid>

</stage>

<stage stageid="5bddb32d-d80a-46a3-af8c-55874ef0246f" name="Work er..." type="SubSheet">

<narrative>

</narrative>
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<inputs>

<input type="text" name="Tags" narrative="The tags to work" expr=""/>

</inputs>

<outputs>

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

<output type="number" name="Exception Item Count" stage="Er - Exceptioned"/>

</outputs>

<onsuccess>cd91a6dc-0367-4e4d-9af5-372a49c386bc</onsuccess>

<processid>9aecab5e-43b6-4f47-9ef2-02a4be38c49d</processid>

</stage>

<stage stageid="7a0610e1-c5fa-448d-bc24-6d0d8204f89f" name="Er - Exceptioned" type="Data">

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</narrative>

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</narrative>

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</stage>

<stage stageid="5ac098fb-d857-4d42-a240-d6297a2f9b26" name="Start" type="Start">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

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</narrative>

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<inputs>

<input type="text" name="Name" narrative="The name of the check" stage="Name"/>

<input type="text" name="Key" narrative="The key value to filter on" stage="Key"/>

<input type="text" name="Tags" narrative="The tags to search" stage="Tags"/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" s

</inputs>

<onsuccess>1d3b9610-abff-496b-9dfd-907cde53d15c</onsuccess>

</stage>

<stage stageid="16f1f3a2-cfd2-4a53-ab52-7b8ac71c8a54" name="End" type="End">

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</narrative>

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</narrative>

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<stage stageid="773b70cb-ca99-496c-814f-20a926fd8895" name="Tags" type="Data">

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<stage stageid="5cdd2208-1c3e-4d75-af09-d9ed3c6da30b" name="Expected Exception Count" type="Data" />

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<loginhibit/>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to retrieve the completed items">

<input type="datetime" name="Start Date" narrative="The start date from which any items marked as complete">

<input type="datetime" name="End Date" narrative="The end date up to which any items marked as complete">

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key">

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the">

<input type="number" name="Maximum Rows" narrative="The maximum number of rows to return. Option">

</inputs>

<outputs>

<output type="collection" name="Completed Items" narrative="The items which were marked as complete">

</outputs>

<onsuccess>b6ce662c-d425-45e5-8ed1-1b98181fd844</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Completed Items"/>

```
</stage>

<stage stageid="faf358bf-ae17-4d87-a9ee-634000e31844" name="Completion Count" type="Data">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

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<alwaysinit/>

</stage>

<stage stageid="da29ab2a-9d9e-4865-8061-f6951285991c" name="Exception Count" type="Data">

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<private/>
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<alwaysinit/>

</stage>

<stage stageid="27066ab5-85d1-4ba8-9302-e9701b0cb11f" name="Completions" type="Collection">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text" description="The Item ID of the work queue item"/>

</collectioninfo>

</stage>

<stage stageid="60031fb6-fe3a-4772-961a-10969f6d3c44" name="Exceptions" type="Collection">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

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<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text" description="The Item ID of the work queue item"/>

</collectioninfo>

</stage>

<stage stageid="bcd2abfa-8b5f-43d1-b8fb-414df69a6f48" name="Input Fields" type="Block">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

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<stage stageid="e7822e08-a77b-40b4-be51-72f3c534ce03" name="Instance Fields" type="Block">

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</stage>

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<stage stageid="b6ce662c-d425-45e5-8ed1-1b98181fd844" name="Get Exceptioned" type="Action">
<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to retrieve the exception items
<input type="datetime" name="Start Date" narrative="Optionally, the start threshold date. Any items returned
<input type="datetime" name="End Date" narrative="Optionally, the end threshold date. Any items returned
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the
<input type="number" name="Maximum Rows" narrative="Optionally, the maximum number of rows to return
</inputs>

<outputs>

<output type="collection" name="Exception Items" narrative="The items which were marked with an exception
</outputs>

<onsuccess>bdc1a05c-2de3-44f0-85a5-81073aada319</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Exception Items"/>

</stage>

<stage stageid="d475f205-c81a-4674-961a-c37991af41b1" name="Completed Match?" type="Decision">
<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

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<narrative>

</narrative>

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<decision expression="[Completion Count] = [Expected Completion Count]"/>

<ontrue>1932b63f-717f-4fac-83c7-b876eac6c95e</ontrue>

<onfalse>b11e2ee3-f6e3-4fd0-b8c3-205c41e3e263</onfalse>

</stage>

<stage stageid="1932b63f-717f-4fac-83c7-b876eac6c95e" name="Exceptioned Match?" type="Decision">

<subsHEETid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsHEETid>

<loginhibit/>

<narrative>

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<decision expression="[Exception Count] = [Expected Exception Count]"/>

<ontrue>9a4caf05-c948-4892-8379-087c13b0ff81</ontrue>

<onfalse>9bacb901-2263-4156-b55e-0dba32af0bdf</onfalse>

</stage>

<stage stageid="2310c69a-38e4-4a39-a401-601b685c351c" name="Count Completed" type="Action">

<subsHEETid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsHEETid>

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<narrative>

</narrative>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>d6cc952b-1ad5-4521-88fd-a44f47f184b3</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="d6cc952b-1ad5-4521-88fd-a44f47f184b3" name="Count Exceptioned" type="Action">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Ex

</outputs>

<onsuccess>651251ec-b47f-4411-98bf-91161167bcd</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="9bacb901-2263-4156-b55e-0dba32af0bdf" name="FAIL" type="Exception">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<narrative>

</narrative>

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<exception type="Test Failed" detail="&quot;The exception count for &quot; &amp; [Name]

</stage>

<stage stageid="b11e2ee3-f6e3-4fd0-b8c3-205c41e3e263" name="FAIL" type="Exception">

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<narrative>

</narrative>

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<exception type="Test Failed" detail="&quot;The completed count for &quot; &amp; [Name]

</stage>

<stage stageid="71004440-af21-4bc6-82f3-6641e185aeac" name="Check the light" type="SubSheet">

<narrative>

</narrative>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Light Side&quot;

<input type="text" name="Tags" narrative="The tags to search" expr="[Light Tag]"/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"

<input type="text" name="Key" narrative="The key value to filter on" expr=""/>

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e

</inputs>

<onsuccess>5dbfb0d3-619b-4bd1-a7b8-7148ebfbc3c3</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="5dbfb0d3-619b-4bd1-a7b8-7148ebfbc3c3" name="Check the dark" type="SubSheet">

<narrative>

</narrative>
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<inputs>

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<input type="text" name="Tags" narrative="The tags to search" expr="[Dark Tag]"/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion" />

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions" />

<input type="text" name="Key" narrative="The key value to filter on" expr=""/>

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items" />

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" />

</inputs>

<onsuccess>d5e76d06-106c-4271-b524-a1a5f233dd10</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="d5e76d06-106c-4271-b524-a1a5f233dd10" name="Check the er..." type="SubSheet">

<narrative>

</narrative>

<displayx>210</displayx>

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<displaywidth>60</displaywidth>

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<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Er...&quot;"/>
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```
<input type="text" name="Tags" narrative="The tags to search" expr="&quot;-&quot; &amp;"
<input type="number" name="Expected Completion Count" narrative="The expected number of completion
<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"
<input type="text" name="Key" narrative="The key value to filter on" expr=""/>
<input type="number" name="Expected Pending Count" narrative="The expected number of pending items
<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e

</inputs>

<onsuccess>f593c3e3-8a16-4ed9-85af-43049a809e64</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="cd91a6dc-0367-4e4d-9af5-372a49c386bc" name="anchor5" type="Anchor">

<narrative>

</narrative>

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<onsuccess>1c6a6532-e741-4c18-8305-530dcd20049a</onsuccess>

</stage>

<stage stageid="1c6a6532-e741-4c18-8305-530dcd20049a" name="anchor6" type="Anchor">

<narrative>

</narrative>

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<displayy>-30</displayy>

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<onsuccess>71004440-af21-4bc6-82f3-6641e185aeac</onsuccess>

</stage>

<stage stageid="bfdc0850-efbc-4387-9144-c46d35d7675f" name="Light Side" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>-60</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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</stage>

<stage stageid="3ed8ec89-a0ae-40bb-83f7-94146de2d4b2" name="Dark Side" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>15</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

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</stage>

<stage stageid="ea45c6e7-42aa-470d-9d13-a2a91c21dc44" name="Er" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>90</displayy>

<displaywidth>90</displaywidth>

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<displayheight>60</displayheight>

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</stage>

<stage stageid="f593c3e3-8a16-4ed9-85af-43049a809e64" name="Check 'em all and let the force sort the

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>225</displayy>

<displaywidth>60</displaywidth>

<displayheight>90</displayheight>

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<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;ALL THE THINGS&

<input type="text" name="Tags" narrative="The tags to search" expr=""/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"

<input type="text" name="Key" narrative="The key value to filter on" expr=""/>

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e

</inputs>

<onsuccess>bcf7d7f3-5f9b-452b-829e-dfbfc1cdaea7</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="b198c9e8-6459-4ac7-8aa2-11f79328d34f" name="ALL" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>
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```
<displayy>165</displayy>

<displaywidth>90</displaywidth>

<displayheight>120</displayheight>

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</stage>

<stage stageid="d66f0b2b-a7ff-4ba3-a130-4815ec86db67" name="Key" type="Data">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<narrative>

</narrative>

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

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="bcf7d7f3-5f9b-452b-829e-dfbfc1cdaea7" name="Check Er... by key" type="SubSheet">

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>330</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>
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```
<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Anakin&quot;" />

<input type="text" name="Key" narrative="The key value to filter on" expr="[Er.Name]" />

<input type="text" name="Tags" narrative="The tags to search" />

<input type="number" name="Expected Completion Count" narrative="The expected number of completion" />

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions" />

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items" />

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" />

</inputs>

<onsuccess>6d9c7c0e-4123-42af-a625-b50a57f8208e</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="efa8b2d6-8199-4614-8cc9-8cc57025da45" name="Er" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>300</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="999999" />

</stage>

<stage stageid="6d9c7c0e-4123-42af-a625-b50a57f8208e" name="Delete Them All" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>330</displayy>

<displaywidth>90</displaywidth>
```

```
<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete items from" expr="[Q

<input type="datetime" name="Date Threshold" narrative="The threshold date. Items completed or marked

</inputs>

<outputs>

<output type="number" name="Deletion Count" narrative="Indicates the number of items which were delete

</outputs>

<onsuccess>94a09102-6e4a-4762-84da-c4e0c08361f6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Processed Items"/>

</stage>

<stage stageid="dd894b14-f26d-42e2-a867-a806a09fcf4c" name="Deletion Count" type="Data">

<narrative>

</narrative>

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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="94a09102-6e4a-4762-84da-c4e0c08361f6" name="Add Light Side" type="Action">

<narrative>
```



```
</narrative>

<displayx>15</displayx>

<displayy>405</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>bf06bd4a-e0ab-441b-b2e0-873ec9da9ff6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="bf06bd4a-e0ab-441b-b2e0-873ec9da9ff6" name="Add Dark Side" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>480</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>c243c159-f51f-4808-8fba-047b4935f811</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="c243c159-f51f-4808-8fba-047b4935f811" name="Add Er.." type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>555</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c

```
<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number
<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q
<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)
</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c
</outputs>

<onsuccess>e5046564-e3f0-449f-a516-1fa9e28fa4c6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="bdc1a05c-2de3-44f0-85a5-81073aada319" name="Get Pending" type="Action">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<loginhibit/>

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>-30</displayy>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the
<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De
<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De
</inputs>
```

```
<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue, refe

</outputs>

<onsuccess>34149083-0294-4a50-a420-913a987d1848</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="513c0457-3eb9-458e-be9e-b1b2e6ad380b" name="Pending Items" type="Collection">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text" description="The Item ID of the work queue item"/>

</collectioninfo>

</stage>

<stage stageid="34149083-0294-4a50-a420-913a987d1848" name="Get Locked" type="Action">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<loginhibit/>

<narrative>

</narrative>
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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tags" narrative="Optionally, the semi-colon separated tags to filter the locked ite

</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum

</outputs>

<onsuccess>2310c69a-38e4-4a39-a401-601b685c351c</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="651251ec-b47f-4411-98bf-91161167bcd" name="Count Pending" type="Action">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

```
<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co
</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Pe
</outputs>

<onsuccess>6537d96c-2eb9-4d4b-9926-0414ba10cf42</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="6537d96c-2eb9-4d4b-9926-0414ba10cf42" name="Count Locked" type="Action">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

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<narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co
</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Lo
</outputs>

<onsuccess>d475f205-c81a-4674-961a-c37991af41b1</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>
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<stage stageid="654af9b2-89d2-4c71-8015-a6ae2a5bec85" name="Locked Items" type="Collection">
<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>330</displayy>

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<displayheight>30</displayheight>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text" description="The Item ID of the work queue item"/>

<field name="Locked" type="datetime" description="The date/time when the item was locked"/>

</collectioninfo>

</stage>

<stage stageid="2b697e10-e9a0-4699-baad-14c3b59373da" name="Pending Count" type="Data">
<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<narrative>

</narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="5f0c8ee3-efbb-4585-b6f1-f99abb5b34a8" name="Locked Count" type="Data">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<narrative>

</narrative>

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<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4212020b-bf75-421b-a0a1-f67b41b78486" name="Expected Pending Count" type="Data">

<subsheetsid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>120</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>
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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="a97da987-0965-489b-8762-56afa82e320a" name="Expected Locked Count" type="Data">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>150</displayy>

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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="9a4caf05-c948-4892-8379-087c13b0ff81" name="Pending Match?" type="Decision">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>210</displayx>

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<displaywidth>60</displaywidth>
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<displayheight>30</displayheight>

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<decision expression="[Pending Count] = [Expected Pending Count]"/>

<ontrue>a94bd65d-f40a-4cf8-ba5e-a633886dd121</ontrue>

<onfalse>a561b489-3d88-4287-b106-1b49ab74c2fc</onfalse>

</stage>

<stage stageid="a94bd65d-f40a-4cf8-ba5e-a633886dd121" name="Locked Match?" type="Decision">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<loginhibit/>

<narrative>

</narrative>

<displayx>300</displayx>

<displayy>60</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Locked Count] = [Expected Locked Count]"/>

<ontrue>16f1f3a2-cfd2-4a53-ab52-7b8ac71c8a54</ontrue>

<onfalse>0ebec939-4097-48da-b9dd-24199620c370</onfalse>

</stage>

<stage stageid="a561b489-3d88-4287-b106-1b49ab74c2fc" name="FAIL" type="Exception">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>120</displayy>

<displaywidth>30</displaywidth>
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<displayheight>30</displayheight>

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

<exception type="Test Failed" detail="&quot;The pending count for &quot; &amp; [Name] &

</stage>

<stage stageid="0ebec939-4097-48da-b9dd-24199620c370" name="FAIL" type="Exception">

<subsheetid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</subsheetid>

<narrative>

</narrative>

<displayx>300</displayx>

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<displaywidth>30</displaywidth>

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

<exception type="Test Failed" detail="&quot;The locked count for &quot; &amp; [Name] &

</stage>

<stage stageid="e5046564-e3f0-449f-a516-1fa9e28fa4c6" name="Lock A Light Side one" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>630</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the
```

```
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available"/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection representing the item's data"/>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item."/>

</outputs>

<onsuccess>72b459da-4353-4a99-a00a-b265064fbb38</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="2465a59a-e991-4d1a-b7e1-e381c940815a" name="Working Item ID" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>450</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

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</stage>

<stage stageid="56198dbe-e8de-48ea-9871-b1f5fbc06888" name="Working Item" type="Collection">

<narrative>

</narrative>

<displayx>-195</displayx>
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<displayheight>60</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="72b459da-4353-4a99-a00a-b265064fbb38" name="Mark Exception (With Retry)" type="A

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>675</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Working Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>8c2348be-b503-4f96-8541-ae6b064f6b40</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>
```

```
</stage>

<stage stageid="8c2348be-b503-4f96-8541-ae6b064f6b40" name="Lock the same one again" type="Action">

  <narrative>

  </narrative>

  <displayx>15</displayx>

  <displayy>720</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

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

  <inputs>

    <input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

    <input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

    <input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

  </inputs>

  <outputs>

    <output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

    <output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

    <output type="text" name="Status" narrative="The status of the item." stage=""/>

    <output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

  </outputs>

  <onsuccess>6c5d6985-ffe4-49ed-a7a5-0e900402e953</onsuccess>

  <resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="d0b9e246-39fd-4808-857a-81b71f6da82a" name="Check the light" type="SubSheet">

  <narrative>

  </narrative>

  <displayx>210</displayx>
```

```
<displayy>405</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Light Side&quot;"/>

<input type="text" name="Tags" narrative="The tags to search" expr="[Light Tag]"/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion" />

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions" />

<input type="text" name="Key" narrative="The key value to filter on" expr=""/>

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items" />

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" />

</inputs>

<onsuccess>0ceb308a-641d-42c2-b7a0-e6fecfda81b9</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="0ceb308a-641d-42c2-b7a0-e6fecfda81b9" name="Check the dark" type="SubSheet">

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>480</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Dark Side&quot;"/>

<input type="text" name="Tags" narrative="The tags to search" expr="[Dark Tag]"/>
```

```
<input type="number" name="Expected Completion Count" narrative="The expected number of completion
<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"
<input type="text" name="Key" narrative="The key value to filter on" expr=""/>
<input type="number" name="Expected Pending Count" narrative="The expected number of pending items
<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e

</inputs>

<onsuccess>3390eca2-d95b-4c72-9a5d-7ab1efee3e3e</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="3390eca2-d95b-4c72-9a5d-7ab1efee3e3e" name="Check the er..." type="SubSheet">

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>555</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Er...&quot;"/>
<input type="text" name="Tags" narrative="The tags to search" expr="&quot;-&quot; &amp;&quot;
<input type="number" name="Expected Completion Count" narrative="The expected number of completion
<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"
<input type="text" name="Key" narrative="The key value to filter on" expr=""/>
<input type="number" name="Expected Pending Count" narrative="The expected number of pending items
<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e

</inputs>

<onsuccess>4eb01bed-4e65-436c-820b-2a3ad446ed9d</onsuccess>
```



<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="9167b91a-4901-4069-87b7-aec764c399a8" name="Light Side" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>375</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="cc3b2177-ed45-4e21-9353-85fbbee6bbb6" name="Dark Side" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>450</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="550037"/>

</stage>

<stage stageid="85455eaf-ca1f-4857-9e70-d832c0df008e" name="Er" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>525</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

```
<font family="Tahoma" size="10" style="Regular" color="999999"/>

</stage>

<stage stageid="8abf1713-4eba-4ceb-a585-652b56add682" name="Check Er... by key" type="SubSheet">

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>795</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Anakin&quot;" />

<input type="text" name="Key" narrative="The key value to filter on" expr="[Er.Name]"/>

<input type="text" name="Tags" narrative="The tags to search"/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion" />

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions" />

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items" />

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" />

</inputs>

<onsuccess>1cd0fea5-1994-48d0-8ab4-de08e59d540d</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="1257a742-51ec-4d8c-9ae5-cda439dcd53b" name="Er" type="Block">

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>765</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="999999"/>

</stage>

<stage stageid="4eb01bed-4e65-436c-820b-2a3ad446ed9d" name="Check 'em all and let the force sort th

<narrative>

</narrative>

<displayx>210</displayx>

<displayy>675</displayy>

<displaywidth>60</displaywidth>

<displayheight>90</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;ALL THE THINGS&

<input type="text" name="Tags" narrative="The tags to search" expr=""/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion

<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"

<input type="text" name="Key" narrative="The key value to filter on" expr=""/>

<input type="number" name="Expected Pending Count" narrative="The expected number of pending items

<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e

</inputs>

<onsuccess>8abf1713-4eba-4ceb-a585-652b56add682</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="e395456b-0da7-431b-9b44-2692a0fbd389" name="ALL" type="Block">

<narrative>

</narrative>
```

<displayx>165</displayx>

<displayy>600</displayy>

<displaywidth>90</displaywidth>

<displayheight>150</displayheight>

<font family="Tahoma" size="10" style="Regular" color="FFFFFF"/>

</stage>

<stage stageid="6c5d6985-ffe4-49ed-a7a5-0e900402e953" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>720</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>1894a449-9ae6-4a0b-9274-01b07e0a348e</onsuccess>

</stage>

<stage stageid="1894a449-9ae6-4a0b-9274-01b07e0a348e" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>105</displayx>

<displayy>405</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>d0b9e246-39fd-4808-857a-81b71f6da82a</onsuccess>

</stage>

<stage stageid="1cd0fea5-1994-48d0-8ab4-de08e59d540d" name="Mark Exception (No Retry)" type="Act

```
<narrative>

</narrative>

<displayx>15</displayx>

<displayy>795</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Working Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="" />

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts" />

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" />

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be available in the queue" />

</outputs>

<onsuccess>aff93003-59fe-403b-a497-4e9934e6f608</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="aff93003-59fe-403b-a497-4e9934e6f608" name="Lock &quot;Er...&quot; by key" />

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>870</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

```
<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa
<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro
<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>1ab799f6-1b6c-406c-addd-965223c3054b</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="1ab799f6-1b6c-406c-addd-965223c3054b" name="Check Er... by key" type="SubSheet">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>930</displayy>

<displaywidth>60</displaywidth>

<displayheight>60</displayheight>

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

<inputs>

<input type="text" name="Name" narrative="The name of the check" expr="&quot;Anakin&quot;"
<input type="text" name="Key" narrative="The key value to filter on" expr="[Er.Name]"/>

<input type="text" name="Tags" narrative="The tags to search"/>

<input type="number" name="Expected Completion Count" narrative="The expected number of completion
```

```
<input type="number" name="Expected Exception Count" narrative="The expected number of exceptions"
<input type="number" name="Expected Pending Count" narrative="The expected number of pending items"
<input type="number" name="Expected Locked Count" narrative="The expected number of locked items" e
</inputs>

<onsuccess>f13fbc72-f19e-4bb1-adfc-f71e54e6deac</onsuccess>

<processid>5bfccf1a-5107-4a3d-870d-412f7ffdb3a0</processid>

</stage>

<stage stageid="3829b423-8d53-423e-9887-4122e3b9e838" name="Er" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>840</displayy>

<displaywidth>120</displaywidth>

<displayheight>135</displayheight>

<font family="Tahoma" size="10" style="Regular" color="999999"/>

</stage>

<stage stageid="00e6cea5-32fb-48fd-a450-c7e7a05880e9" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>1080</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

</stage>

<stage stageid="f13fbc72-f19e-4bb1-adfc-f71e54e6deac" name="Destroy Queue" type="Action">

<narrative>
```

```
</narrative>

<displayx>15</displayx>

<displayy>1020</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name"

</inputs>

<onsuccess>00e6cea5-32fb-48fd-a450-c7e7a05880e9</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>

</stage>

<stage stageid="25cf9742-ee71-4cc8-8760-ae47ea34b773" name="Light Side" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>375</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="a5f65347-f30a-4801-a271-d161343efabc" name="Dark Side" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>450</displayy>

<displaywidth>120</displaywidth>
```



<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="550037"/>

</stage>

<stage stageid="4d63b5bc-e600-425c-8fb5-8e846754b117" name="Er" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>525</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="999999"/>

</stage>

<stage stageid="f609c27e-da39-4b48-88c5-868b2a2ed2b9" name="Light Side" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>600</displayy>

<displaywidth>120</displaywidth>

<displayheight>150</displayheight>

<font family="Tahoma" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="8a0ba018-a91d-49c6-b17c-77114ac1498b" name="Light Side" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>765</displayy>

<displaywidth>120</displaywidth>

```
<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="ea5ab903-2b47-46d0-badf-2b7b2c2e2e21" name="ALL" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>300</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="FFFFFF"/>

</stage>

<stage stageid="3c0cab93-98d7-4451-be7b-b3937367b15e" name="ALL" type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>-135</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="FFFFFF"/>

</stage>

<stage stageid="87c0f114-6d69-482c-9120-cbc65bd0ac73" name="." type="Block">

<narrative>

</narrative>

<displayx>-45</displayx>

<displayy>990</displayy>

<displaywidth>120</displaywidth>
```

```
<displayheight>60</displayheight>

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

</stage>

</process>

<process name="Test Queue Item Retrying" version="1.0" bpversion="6.7.0.16999" narrative="Test to ens

<view>

<camerax>0</camerax>

<cameray>181</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="dd50b0cf-1562-49d1-969d-152a0827cd7b" type="Normal" published="False">

<name>Test "Bon Jovi"</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="fcb76375-d66a-40af-8ebe-7daaa3b147f0" type="Normal" published="False">

<name>Test "7800 Fahrenheit"</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>
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</subsheet>

<subsheet subsheetid="880aeef8-d936-4f5f-8a35-5fe16e36c987" type="Normal" published="False">

<name>Test "Slippery When Wet"</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="b19ab007-8782-4e24-85b3-9a724592472a" type="Normal" published="False">

<name>Test "New Jersey"</name>

<view>

<camerax>480</camerax>

<cameray>-90</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="a747c205-18a2-4bd5-a992-76189a1104e7" type="Normal" published="False">

<name>Test "Keep The Faith"</name>

<view>

<camerax>50</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="65cbd4e1-2fff-477a-812e-e9946e508c91" type="Normal" published="False">

<name>Test "These Days"</name>

<view>

<camerax>555</camerax>

<cameray>-120</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="ffa98bae-b68d-49ca-a286-cc0a8167df38" type="Normal" published="False">

<name>Test "Crush"</name>

<view>

<camerax>50</camerax>

<cameray>16</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a" type="Normal" published="False">

<name>Wait For Rand(m,n) Seconds</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<subsheet subsheetid="88ed69d6-1d29-454b-b2ee-7530a6b7b821" type="Normal" published="False">

<name>Find Exceptioned Item</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

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

</view>

</subsheet>

<stage stageid="01f46808-497c-492a-b5b7-a4a06dc4f9e2" name="Start" type="Start">

<display x="15" y="-105"/>

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

<onsuccess>90c881ff-25a2-49e2-a6bd-734c88764785</onsuccess>

</stage>

<stage stageid="e4f00850-5961-4bd3-aa3f-36295cdbe4c1" name="End" type="End">

<display x="15" y="420"/>

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

</stage>

<stage stageid="ff46028a-7d53-4f1f-bf76-d05e75654dd1" name="Stage1" type="ProcessInfo">

<display x="-420" y="-120" w="240" h="90"/>

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

</stage>

<stage stageid="90c881ff-25a2-49e2-a6bd-734c88764785" name="Create Test Queue" type="Action">

<display x="15" y="-60" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="[Queue Name]" />

<input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a unique key" />

<input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the queue" />

</inputs>

<outputs>

<output type="flag" name="Success" narrative="Whether the create call was successful or not" stage="Success" />

<output type="text" name="Subprocess Output" narrative="The output from the automatec &quot;create test queue" />

```
</outputs>

<onsuccess>c296af12-ff94-4efb-8512-c0e0b2c59927</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>

<stage stageid="5228c5ae-68dd-4916-9e1b-f791389c2358" name="Success" type="Data">

<display x="-345" y="0" w="120" h="30"/>

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

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b86aa5bc-01e2-481e-8f5b-d3b3a51faacb" name="Stunning Songs" type="Collection">

<narrative>Songs that stun</narrative>

<display x="-345" y="45" w="120" h="30"/>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Song" type="text"/>

<field name="Album" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Song" type="text" value="Runaway"/>

<field name="Album" type="text" value="Bon Jovi"/>
```

</row>

<row>

<field name="Song" type="text" value="In And Out Of Love"/>

<field name="Album" type="text" value="7800 Fahrenheit"/>

</row>

<row>

<field name="Song" type="text" value="Livin' On A Prayer"/>

<field name="Album" type="text" value="Slippery When Wet"/>

</row>

<row>

<field name="Song" type="text" value="Bad Medicine"/>

<field name="Album" type="text" value="New Jersey"/>

</row>

<row>

<field name="Song" type="text" value="If I Was Your Mother"/>

<field name="Album" type="text" value="Keep The Faith"/>

</row>

<row>

<field name="Song" type="text" value="Hey God"/>

<field name="Album" type="text" value="These Days"/>

</row>

<row>

<field name="Song" type="text" value="Thank You For Loving Me"/>

<field name="Album" type="text" value="Crush"/>

</row>

<row>

<field name="Song" type="text" value="Everyday"/>



<field name="Album" type="text" value="Bounce"/>

</row>

<row>

<field name="Song" type="text" value="Last Man Standing"/>

<field name="Album" type="text" value="Have A Nice Day"/>

</row>

<row>

<field name="Song" type="text" value="(You Want To) Make A Memory"/>

<field name="Album" type="text" value="Lost Highway"/>

</row>

</initialvalue>

</stage>

<stage stageid="c296af12-ff94-4efb-8512-c0e0b2c59927" name="Put songs in the music queue" type="Action">

<narrative>The Data collection contains the items to be added to the queue. The collection may contain single items or a list of items.

If there is a failure during the process, the queue will be unchanged - i.e. no rows will be loaded even if the process is retried.

If Defer Until is specified, the items will not be available to be worked until then. Otherwise, they are available immediately.

If the queue has a key field defined, an item added has key data longer than the maximum permitted 255 characters.

<display x="15" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&queueName"/>

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to be added" expr="&data"/>

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be created" expr="&deferUntil"/>

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number means higher priority" expr="&priority"/>

```
<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q
<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)
</inputs>
<outputs>
<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c
</outputs>
<onsuccess>13285e75-50b3-44c7-83a1-13356519ade4</onsuccess>
<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>
</stage>
<stage stageid="941dc77a-8d03-4780-b91a-1fa1f763c0ce" name="Test &quot;Bon Jovi&quot;" t
<subsheetid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetid>
<narrative>Test Exception - no retry, default lock (none)</narrative>
<display x="-195" y="-105" w="240" h="90"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
</stage>
<stage stageid="43a852ff-2565-4f01-a9a2-1b903cfb8c5d" name="Start" type="Start">
<subsheetid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetid>
<display x="15" y="-135"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>b162e956-5461-44ad-840c-17850a7450e6</onsuccess>
</stage>
<stage stageid="83669e88-8f4d-494b-9237-1e3f02048bf4" name="End" type="End">
<subsheetid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetid>
<display x="15" y="135"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
</stage>
<stage stageid="08326f10-ea8d-4037-a13a-98c91ae0e7b7" name="Queue Name" type="Data">
```

<display x="-345" y="150" w="120" h="30"/>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Bongiovi</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="627cc94c-098a-4081-8a2b-26857790c378" name="Key Field" type="Data">

<display x="-345" y="195" w="120" h="30"/>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">Song</initialvalue>

<exposure>Statistic</exposure>

<alwaysinit/>

</stage>

<stage stageid="550a3037-79aa-45e6-a212-e4c76bb97f7a" name="Get Item &quot;Runaway&quot;" type="Data">

<subsheets><subsheetid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so that it can be processed.

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the order is arbitrary.

The Item ID returned is used to make further calls to update the work status for that item. It may be empty, in which case the item is not in the queue.

<display x="15" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." expr="[Key Filter]"/>

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags, separated by spaces. Only items with all the specified tags will be returned." expr="[Tag Filter]"/>

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available"/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection of items"/>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item out"/>

</outputs>

<onsuccess>6d4a5283-bcaf-4fb4-8c8b-a313830bb349</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="c30d43f1-8a3b-46de-893d-b26763f60c74" name="Note1" type="Note">

<narrative>Local Variables</narrative>

<display x="-345" y="-45" w="90" h="30"/>

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

</stage>

<stage stageid="161c274c-9622-4e00-8f51-677ae949a0b2" name="Note1" type="Note">

<narrative>Global Variables</narrative>

<display x="-345" y="105" w="120" h="30"/>

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

</stage>

<stage stageid="412ef90d-74a0-4778-adc8-46852ec26fb8" name="Item ID" type="Data">

<display x="-345" y="240" w="120" h="30"/>

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

<datatype>text</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="fad757f9-15e8-45cf-87b4-7064e60adc69" name="Attempts" type="Data">

<display x="-345" y="285" w="120" h="30"/>

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

<datatype>number</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="f2afd4dd-150a-4aab-908a-ff01d3e0172e" name="Ban this sick filth" type="Action">

<subsheetsid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetsid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="15" y="45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain loc

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>99a36b0b-6e37-4528-920c-f22e114f9a92</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="b162e956-5461-44ad-840c-17850a7450e6" name="Count &quot;songs&quot;" type="Data">

<subsheetsid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetsid>

<display x="15" y="-90" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count" />
</outputs>

<onsuccess>550a3037-79aa-45e6-a212-e4c76bb97f7a</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="455f1336-cf88-478d-9e5e-2065d2c50c66" name="Count" type="Data">

<display x="-345" y="330" w="120" h="30"/>

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

<datatype>number</datatype>

<initialvalue/>

<alwaysinit/>

</stage>

<stage stageid="fd1e2065-7ad2-4df2-80b3-c06514536903" name="Test &quot;7800 Fahrenheit&quot;" type="Test">

<subsheetid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetid>

<narrative>Test exception - no retry - with lock</narrative>

<display x="-195" y="-105" w="270" h="90"/>

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

</stage>

<stage stageid="c67813c0-d73a-4f49-8e5c-4513235d85ac" name="Start" type="Start">

<subsheetid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetid>

<display x="15" y="-135"/>
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<font family="Tahoma" size="10" style="Regular" color="000000"/>

<onsuccess>74e9bf61-3dae-4c4d-aece-59b4593b64a1</onsuccess>

</stage>

<stage stageid="831870ed-faae-4e5b-902e-fe726abf1c9f" name="End" type="End">

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

<display x="195" y="90"/>

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

</stage>

<stage stageid="970641b2-3e78-4b7a-9de0-f0a9a2087fba" name="Get Item &quot;In And Out Of Lov

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="15" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>0ec2acd7-e436-4b03-ac8e-f50144e98ad2</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="8ab7d716-7623-4cfb-a025-aa4282475c07" name="Ban this sick filth" type="Action">

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="15" y="45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>354e3b7e-d16e-49c0-b19d-c3c85906570a</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="74e9bf61-3dae-4c4d-aece-59b4593b64a1" name="Count &quot;songs&quot;" t

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

<display x="15" y="-90" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counte



```
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />
</outputs>

<onsuccess>970641b2-3e78-4b7a-9de0-f0a9a2087fba</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="354e3b7e-d16e-49c0-b19d-c3c85906570a" name="Check that there's one less Bon Jovi song in the queue" />
<subsheetid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetid>

<display x="15" y="90" w="150" h="30" />

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />
</outputs>

<onsuccess>9085428a-5b4c-4151-869a-ed8251e63ccf</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="99a36b0b-6e37-4528-920c-f22e114f9a92" name="Check that there's one less Bon Jovi song in the queue" />
<subsheetid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetid>

<display x="15" y="90" w="150" h="30" />

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

<inputs>
```

```
<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />
</outputs>

<onsuccess>83669e88-8f4d-494b-9237-1e3f02048bf4</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="df574a60-af22-479a-a426-0620ea630796" name="Test 'Slippery When Wet' Queue" type="Test" />
<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>
<narrative>Exception Retry - no lock</narrative>
<display x="-255" y="-150" w="210" h="90" />
<font family="Tahoma" size="10" style="Regular" color="000000" />
</stage>

<stage stageid="891e69e0-4d97-4f84-8756-1858ca6a7e38" name="Start" type="Start">
<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>
<display x="-75" y="-180" />
<font family="Tahoma" size="10" style="Regular" color="000000" />
<onsuccess>272582c4-e9a6-4208-b20b-8cbe70605860</onsuccess>
</stage>

<stage stageid="aa4afd54-8c3f-4445-9ddc-d4f8921444dc" name="End" type="End">
<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>
<display x="375" y="90" />
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</stage>

<stage stageid="3b835f21-90e9-45a6-93cb-c6d19018d949" name="Get Item 'Livin' On A Prayer'" type="Get Item" />
```

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="-75" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>b56a83d5-289f-497e-bfca-8f2cdede1d96</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="066b7804-ec59-4bdf-b6b6-7aa401ae22d0" name="Ban this sick filth" type="Action">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="75" y="-90" w="90" h="30"/>

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

```
<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of retries" expr="[Retry]"/>

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" expr="[Keep Locked]"/>

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be locked" expr="[New Item ID]"/>

</outputs>

<onsuccess>5ab99feb-4031-4e8b-a1d6-824c540614e7</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="272582c4-e9a6-4208-b20b-8cbe70605860" name="Count &quot;songs&quot;" type="Text" subsheetid="880aeef8-d936-4f5f-8a35-5fe16e36c987">

<display x="-75" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" expr="[Queue Name]"/>

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" expr="[Expected]"/>

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count" expr="[Count]"/>

</outputs>

<onsuccess>3b835f21-90e9-45a6-93cb-c6d19018d949</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="5ab99feb-4031-4e8b-a1d6-824c540614e7" name="Count - Oops, a live version" type="Text">
```

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="75" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted"/>

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked"/>

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items"/>

</outputs>

<onsuccess>44822778-5fe9-4055-8e70-aba84c9f8ed5</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="44822778-5fe9-4055-8e70-aba84c9f8ed5" name="Get Item &quot;Livin' On A Prayer&quot;">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so that it can be worked.

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the order in which they are added to the queue is used.

The Item ID returned is used to make further calls to update the work status for that item. It may be empty, in which case the item has been removed from the queue.

<display x="75" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned."/>

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a comma."/>

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available"/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection of data"/>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item"/>

</outputs>

<onsuccess>cbfd6079-a8b3-4c6b-adcd-7cf7ec1a2de4</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="ef961909-376c-4714-b205-3ebf783cc9f7" name="Ban this sick filth" type="Action">

<subsheetsid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetsid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of the clone</narrative>

<display x="225" y="-90" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts"/>

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked"/>

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be locked"/>

</outputs>

<onsuccess>2a00b6c9-d644-4a51-8800-35f52183c579</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="2a00b6c9-d644-4a51-8800-35f52183c579" name="Count - Oops, &quot;Prayer 94&quot;"/>

```
<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="225" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />

</outputs>

<onsuccess>0e5af917-0d6e-4825-a745-1a141c86fb8a</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="0e5af917-0d6e-4825-a745-1a141c86fb8a" name="Get Item &quot;Livin' On A Prayer" />

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so it can be worked.
```

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the next item in the queue is processed.

The Item ID returned is used to make further calls to update the work status for that item. It may be empty, in which case the item has been processed.

```
<display x="225" y="0" w="90" h="30"/>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." />

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a comma." />

</inputs>
```

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available"/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection of data"/>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item"/>

</outputs>

<onsuccess>5c38bb0a-0c34-492e-8b72-274036d3b130</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="af91e624-e9c8-465b-a56f-ca685ff17ef4" name="Ban this sick filth" type="Action">

<subsheetsid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetsid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of the clone</narrative>

<display x="375" y="-90" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts"/>

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked"/>

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be locked"/>

</outputs>

<onsuccess>109f5645-b50e-4e60-adcd-af983254a8b6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="109f5645-b50e-4e60-adcd-af983254a8b6" name="Check that there's one less Bon Jovi song in the queue"/>



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<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="375" y="-30" w="90" h="60"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted"/>

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked"/>

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Counting"/>

</outputs>

<onsuccess>aa4afd54-8c3f-4445-9ddc-d4f8921444dc</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="b35d7019-df06-4a96-9004-fa6066acab2f" name="Note2" type="Note">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>Attempt 1</narrative>

<display x="75" y="-180" w="90" h="30"/>

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

<onsuccess>7c39270f-e5df-48a0-b278-bff448eae560</onsuccess>

</stage>

<stage stageid="b56a83d5-289f-497e-bfca-8f2cdede1d96" name="Attempts = 0?" type="Decision">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="-75" y="45" w="90" h="30"/>

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

<decision expression="[Attempts] = 0"/>

<ontrue>b35d7019-df06-4a96-9004-fa6066acab2f</ontrue>

<onfalse>3cb7c5b8-7250-4a60-8ef5-02b902e61bdf</onfalse>
```

```
</stage>

<stage stageid="cbfd6079-a8b3-4c6b-adcd-7cf7ec1a2de4" name="Attempts = 1?" type="Decision">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="75" y="45" w="90" h="30"/>

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

<decision expression="[Attempts] = 1"/>

<ontrue>71b14e2e-f6bd-4037-b981-8e9a4e371217</ontrue>

<onfalse>a9a4e108-3a74-4804-a053-e4a5ff7bd5df</onfalse>

</stage>

<stage stageid="5c38bb0a-0c34-492e-8b72-274036d3b130" name="Attempts = 2?" type="Decision">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="225" y="45" w="90" h="30"/>

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

<decision expression="[Attempts] = 2"/>

<ontrue>ac6a3207-8d24-4526-839c-45cc57793f86</ontrue>

<onfalse>cb0e7ae3-d7ca-4f92-97c2-c48c72a2bd8a</onfalse>

</stage>

<stage stageid="71b14e2e-f6bd-4037-b981-8e9a4e371217" name="Note2" type="Note">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>Attempt 2</narrative>

<display x="225" y="-180" w="90" h="30"/>

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

<onsuccess>f05957f6-2ff9-4fe7-b374-71da4c7f6d78</onsuccess>

</stage>

<stage stageid="ac6a3207-8d24-4526-839c-45cc57793f86" name="Note2" type="Note">

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<narrative>Attempt 3</narrative>
```

```
<display x="375" y="-180" w="90" h="30"/>

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

<onsuccess>53a1434a-3f2c-4272-8cea-a756beaea0e1</onsuccess>

</stage>

<stage stageid="3cb7c5b8-7250-4a60-8ef5-02b902e61bdf" name="Bad Attempts Count" type="Exception"

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="-75" y="90" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 0 attempts : but found : &quot; &

</stage>

<stage stageid="a9a4e108-3a74-4804-a053-e4a5ff7bd5df" name="Bad Attempts Count" type="Exception"

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="75" y="90" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 1 attempt : but found : &quot; &

</stage>

<stage stageid="cb0e7ae3-d7ca-4f92-97c2-c48c72a2bd8a" name="Bad Attempts Count" type="Exception"

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="225" y="90" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 2 attempts : but found : &quot; &

</stage>

<stage stageid="01a49fb6-20d4-4d89-947b-a6557220373e" name="Test &quot;New Jersey&quot;qu

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>Exception Retry with lock

Lay Your Hands On Me</narrative>

<display x="-195" y="-105" w="240" h="90"/>
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<font family="Tahoma" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="d20ad5bf-823a-41ea-9d80-9eca6a2f83e6" name="Start" type="Start">

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<display x="0" y="-135"/>

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

<onsuccess>a70941a3-89fc-4ee9-8345-7705a233c5b9</onsuccess>

</stage>

<stage stageid="d6c37833-3e0e-472d-9555-b05c807e8d84" name="End" type="End">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="480" y="90"/>

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

</stage>

<stage stageid="5ba6a400-c2ca-4c61-890d-5fc0d525c1fe" name="Get Item &quot;Bad Medicine&am

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="0" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

```
<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" />

<output type="collection" name="Data" narrative="The data associated with the item - a single collection record" />

<output type="text" name="Status" narrative="The status of the item." stage="" />

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" />

</outputs>

<onsuccess>1969c0a0-d248-42ca-a792-55b20f572b92</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item" />

</stage>

<stage stageid="4a4ee70d-a738-4751-9880-a4790ca55d20" name="Ban this sick filth" type="Action">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of the clone</narrative>

<display x="150" y="-45" w="90" h="30" />

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]" />

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="" />

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts" />

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" />

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be available for the next stage" />

</outputs>

<onsuccess>460e8597-1fd6-4874-937f-a155951b150c</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception" />

</stage>

<stage stageid="a70941a3-89fc-4ee9-8345-7705a233c5b9" name="Count 'songs'" type="Action">
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<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="0" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />

</outputs>

<onsuccess>5ba6a400-c2ca-4c61-890d-5fc0d525c1fe</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="460e8597-1fd6-4874-937f-a155951b150c" name="Still Locked - Should be one less" type="Still Locked" />

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="150" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />

</outputs>

<onsuccess>334ebb21-2b12-4cee-957e-dc19dc01f443</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="893c9d54-f6fd-416d-a0f4-ca7223b4de00" name="Ban this sick filth" type="Action">

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="315" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>4e988fb1-58d8-47f2-9368-c511e2f55115</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="4e988fb1-58d8-47f2-9368-c511e2f55115" name="Still Still Locked - Still 1 less" type="Act

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

<display x="315" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counte

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocke

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage=""/>

</outputs>

<onsuccess>58e5e42f-69ec-419a-80f7-175705a2c3a3</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="abe7baff-f454-48be-8723-639cd0e8c2e1" name="Ban this sick filth" type="Action">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="480" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>44d8971e-97a3-4ff0-9034-e7669f937adf</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="44d8971e-97a3-4ff0-9034-e7669f937adf" name="Check that there's one less Bon Jovi so

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="480" y="15" w="90" h="60"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counte



```
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />
</outputs>

<onsuccess>d6c37833-3e0e-472d-9555-b05c807e8d84</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="c31aae89-0d5b-41d6-bcfb-5dfa59a4f53e" name="Note2" type="Note">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>Attempt 1</narrative>

<display x="150" y="-135" w="90" h="30"/>

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

<onsuccess>e6ac36b3-9483-4a49-9b88-3a29219506f6</onsuccess>

</stage>

<stage stageid="1884b61c-c672-4f0f-8c4e-09924e96fd7e" name="Attempts = 0?" type="Decision">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="0" y="90" w="90" h="30"/>

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

<decision expression="[Attempts] = 0"/>

<ontrue>ccc45aa1-310c-44c4-b60d-f192b225ec68</ontrue>

<onfalse>693dc40c-c336-49ed-ad47-13eb9a30f99a</onfalse>

</stage>

<stage stageid="398d487d-827e-413c-9285-b5e541c32b94" name="Note2" type="Note">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>Attempt 2</narrative>

<display x="315" y="-135" w="90" h="30"/>
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```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>9862e0ba-d3ba-4893-aaf7-06c3ad70c1c4</onsuccess>

</stage>

<stage stageid="f6110636-d874-4fd4-a626-fd4a716d3e66" name="Note2" type="Note">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<narrative>Attempt 3</narrative>

<display x="480" y="-135" w="90" h="30"/>

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

<onsuccess>3c428355-9a84-4530-b155-0a65acf8bf73</onsuccess>

</stage>

<stage stageid="693dc40c-c336-49ed-ad47-13eb9a30f99a" name="Bad Attempts Count" type="Exception">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="-135" y="90" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 0 attempts : but found : &quot; &a

</stage>

<stage stageid="9f52f4e7-086c-41f0-9f77-3a1807cb9f54" name="Bad Medicine ID" type="Data">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="-270" y="-15" w="90" h="30"/>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="1969c0a0-d248-42ca-a792-55b20f572b92" name="Got it?" type="Decision">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>
```

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<display x="0" y="45" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>1884b61c-c672-4f0f-8c4e-09924e96fd7e</ontrue>

<onfalse>7e5bb453-2107-4fd2-b40d-a2a0bf197d0a</onfalse>

</stage>

<stage stageid="ccc45aa1-310c-44c4-b60d-f192b225ec68" name="anchor1" type="Anchor">

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<display x="60" y="90" w="10" h="10"/>

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

<onsuccess>ad2554f1-e563-44e0-9804-ef428f1c19f5</onsuccess>

</stage>

<stage stageid="ad2554f1-e563-44e0-9804-ef428f1c19f5" name="anchor2" type="Anchor">

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

<display x="60" y="-135" w="10" h="10"/>

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<onsuccess>c31aae89-0d5b-41d6-bcfb-5dfa59a4f53e</onsuccess>

</stage>

<stage stageid="ccd4b4c2-5e1b-4a03-a975-0b115708ad22" name="anchor5" type="Anchor">

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

<display x="390" y="-135" w="10" h="10"/>

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

<onsuccess>f6110636-d874-4fd4-a626-fd4a716d3e66</onsuccess>

</stage>

<stage stageid="58e5e42f-69ec-419a-80f7-175705a2c3a3" name="anchor6" type="Anchor">

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

<display x="390" y="0" w="10" h="10"/>
```

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>ccd4b4c2-5e1b-4a03-a975-0b115708ad22</onsuccess>

</stage>

<stage stageid="7e5bb453-2107-4fd2-b40d-a2a0bf197d0a" name="No Bad Medicine" type="Exception">

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="-135" y="45" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Couldn't get Bad Medicine item&quot;"/>

</stage>

<stage stageid="13285e75-50b3-44c7-83a1-13356519ade4" name="Test &quot;Bon Jovi&quot;

<display x="15" y="45" w="120" h="30"/>

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

<onsuccess>4f7e1b40-36b8-4eb9-81dc-195ae8838cbd</onsuccess>

<processid>dd50b0cf-1562-49d1-969d-152a0827cd7b</processid>

</stage>

<stage stageid="4f7e1b40-36b8-4eb9-81dc-195ae8838cbd" name="Test &quot;7800 Fahrenheit&am

<display x="15" y="90" w="120" h="30"/>

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<onsuccess>75e83921-4dea-4daa-87e8-d88b5047fbf3</onsuccess>

<processid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</processid>

</stage>

<stage stageid="75e83921-4dea-4daa-87e8-d88b5047fbf3" name="Test &quot;Slippery When Wet&a

<display x="15" y="135" w="120" h="30"/>

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<onsuccess>9955dd6a-9b11-4818-8f52-343775a98267</onsuccess>

<processid>880aeef8-d936-4f5f-8a35-5fe16e36c987</processid>

</stage>
```

```
<stage stageid="9955dd6a-9b11-4818-8f52-343775a98267" name="Test &quot;New Jersey&quot;qu
<display x="15" y="180" w="120" h="30"/>

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

<onsuccess>49c7abf4-73dd-4076-b742-664f2e28a678</onsuccess>

<processid>b19ab007-8782-4e24-85b3-9a724592472a</processid>

</stage>

<stage stageid="334ebb21-2b12-4cee-957e-dc19dc01f443" name="anchor2" type="Anchor">

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

<display x="225" y="0" w="10" h="10"/>

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

<onsuccess>2d25a0f6-c433-457d-8b9d-9cce7c02afe5</onsuccess>

</stage>

<stage stageid="2d25a0f6-c433-457d-8b9d-9cce7c02afe5" name="anchor2" type="Anchor">

<subsheetsid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetsid>

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<onsuccess>398d487d-827e-413c-9285-b5e541c32b94</onsuccess>

</stage>

<stage stageid="c65d9c39-58ca-4346-a4df-dc350002db7d" name="Note4" type="Note">

<narrative>no retry / default (ie. no) lock</narrative>

<display x="-165" y="45" w="150" h="30"/>

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<onsuccess>13285e75-50b3-44c7-83a1-13356519ade4</onsuccess>

</stage>

<stage stageid="2241ef24-bb81-4349-8b87-c3b98c6ce543" name="Note4" type="Note">

<narrative>no retry / with lock</narrative>

<display x="-165" y="90" w="150" h="30"/>
```

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>4f7e1b40-36b8-4eb9-81dc-195ae8838cbd</onsuccess>

</stage>

<stage stageid="fa5d2346-6b39-4e07-bfdd-b93599535426" name="Note4" type="Note">

<narrative>with retry / no lock</narrative>

<display x="-165" y="135" w="150" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>75e83921-4dea-4daa-87e8-d88b5047fbf3</onsuccess>

</stage>

<stage stageid="887d64bf-5d64-4a76-b73c-d5a60513810e" name="Note5" type="Note">

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

<narrative>Make sure there's no lock on the item</narrative>

<display x="195" y="-135" w="120" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>133140ab-f568-448a-8308-831f3d5063ec</onsuccess>

</stage>

<stage stageid="52b6ad21-9501-4fb1-a9b1-f1a041f55da9" name="Check no lock" type="Block">

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

<display x="120" y="-105" w="150" h="165"/>

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</stage>

<stage stageid="9085428a-5b4c-4151-869a-ed8251e63ccf" name="anchor3" type="Anchor">

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

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<onsuccess>7cca2a9d-6318-4c16-a1d3-2afe934e0b21</onsuccess>

</stage>

<stage stageid="7cca2a9d-6318-4c16-a1d3-2afe934e0b21" name="anchor4" type="Anchor">

<subsHEETid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsHEETid>

<display x="105" y="-135" w="10" h="10"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>887d64bf-5d64-4a76-b73c-d5a60513810e</onsuccess>

</stage>

<stage stageid="133140ab-f568-448a-8308-831f3d5063ec" name="Mark as Complete" type="Action">

<subsHEETid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsHEETid>

<narrative>Marks the item as completed, by updating the Completed timestamp and setting Locked to null.

<display x="195" y="-60"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

</inputs>

<onsuccess>1f819106-9f28-4d9a-a661-7ee620f0d9a8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

</stage>

<stage stageid="1f819106-9f28-4d9a-a661-7ee620f0d9a8" name="Shouldn't have lock" type="Exception">

<subsHEETid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsHEETid>

<display x="345" y="-60" w="120" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<exception type="Queue Test Failed" detail="&quot;Retained lock on &quot;&quot;In And O

</stage>

<stage stageid="5dfe2c84-7e78-4ff9-ace2-70575021d048" name="Oh, I say" type="Recover">

<subsHEETid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsHEETid>

<display x="195" y="-15" w="90" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>84878746-ab0c-4209-b8e5-f22d3e8f9c59</onsuccess>

</stage>

<stage stageid="84878746-ab0c-4209-b8e5-f22d3e8f9c59" name="Carry on, matron" type="Resume">

<subsheetsid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetsid>

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<onsuccess>831870ed-faae-4e5b-902e-fe726abf1c9f</onsuccess>

</stage>

<stage stageid="b6dba610-e747-4c4d-8996-5f056edd8d3e" name="Note4" type="Note">

<narrative>with retry / with lock</narrative>

<display x="-165" y="180" w="150" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>9955dd6a-9b11-4818-8f52-343775a98267</onsuccess>

</stage>

<stage stageid="98f0b7c4-4f74-4c1c-b18b-6fd24103a805" name="Test &quot;Keep The Faith&quot;" type="Test">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<narrative>with retry / no lock; then no retry</narrative>

<display x="-225" y="-105" w="240" h="90"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

</stage>

<stage stageid="ca7b90ea-921b-4535-bf2f-8bebe39c784e" name="Start" type="Start">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<display x="-15" y="-135"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>4a67d81f-eaeb-4b78-b0e9-95f619c5f0ab</onsuccess>

</stage>

<stage stageid="7052ec16-3782-4d25-b505-32b5e23ae647" name="End" type="End">



<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="450" y="135"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

</stage>

<stage stageid="1346a2a8-b183-4c75-a052-8483f46dd868" name="Get Item &quot;If I Was Your Mo

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the m

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="-15" y="0" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>d952fbf7-c67e-47f7-a4fb-892aacc07161</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="dce5aec0-317b-47b9-828e-19a603caa7dc" name="Ban this sick filth" type="Action">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="120" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>e28efefd-650b-4c3c-8af8-4e6f9b2c77ef</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="4a67d81f-eaeb-4b78-b0e9-95f619c5f0ab" name="Count &quot;songs&quot;" ty

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<display x="-15" y="-45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counte

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocke

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="C

</outputs>

<onsuccess>1346a2a8-b183-4c75-a052-8483f46dd868</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="e28efefd-650b-4c3c-8af8-4e6f9b2c77ef" name="Surely there can't be more? Oh, yes" type="Text" data-bbox="52 177 1000 194">

<subsheets><subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<div display x="120" y="0" w="90" h="30"/>

<div font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" data-bbox="52 347 1000 364"/>

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" data-bbox="52 381 1000 398"/>

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count" data-bbox="52 483 1000 500"/>

</outputs>

<onsuccess>44408fa9-7bbb-4500-86c2-06d978bbe7bd</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="44408fa9-7bbb-4500-86c2-06d978bbe7bd" name="Get Item &quot;If I Was Your Mother" data-bbox="52 653 1000 670">

<subsheets><subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so that it can be processed.

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the item with the lowest ID is processed first.

The Item ID returned is used to make further calls to update the work status for that item. It may be empty, indicating that the queue is empty.

<div display x="120" y="45" w="90" h="30"/>

<div font family="Tahoma" size="10" style="Regular" color="000000"/>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key" expr="[Key Filter]"/>
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a comma." expr="[Tag Filter]"/>
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" expr="[Item ID]"/>
<output type="collection" name="Data" narrative="The data associated with the item - a single collection representing the item's data" expr="[Data]"/>
<output type="text" name="Status" narrative="The status of the item." stage=""/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" expr="[Attempts]"/>
</outputs>

<onsuccess>8c06ddb8-42b7-42c7-8d60-518a658ebfd7</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="bc232c86-a847-4bd6-8a5a-0b26d04582df" name="Ban this sick filth" type="Action">
<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of the cloned item.
</narrative>
<display x="285" y="-45" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>
<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>
<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts" expr="[Retry]"/>
<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" expr="[Keep Locked]"/>
</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be available for processing after the current item has been processed."/>
```

</outputs>

<onsuccess>63ec320c-2508-4fea-bc78-48e0e977dbb7</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="badcab4d-7347-43ba-85ac-a32bcb9144d9" name="Note2" type="Note">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<narrative>Attempt 1</narrative>

<display x="120" y="-135" w="90" h="30"/>

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

<onsuccess>a7e8dda5-ea64-4201-9194-cee3515d3280</onsuccess>

</stage>

<stage stageid="d952bf7-c67e-47f7-a4fb-892aacc07161" name="Attempts = 0?" type="Decision">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<display x="-15" y="45" w="90" h="30"/>

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

<decision expression="[Attempts] = 0"/>

<ontrue>badcab4d-7347-43ba-85ac-a32bcb9144d9</ontrue>

<onfalse>d620f09f-14c7-4aeb-854b-49ea0538ff64</onfalse>

</stage>

<stage stageid="8c06ddb8-42b7-42c7-8d60-518a658ebfd7" name="Attempts = 1?" type="Decision">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<display x="120" y="90" w="90" h="30"/>

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

<decision expression="[Attempts] = 1"/>

<ontrue>024c7d95-66da-4df9-bf74-3872b81ef481</ontrue>

<onfalse>e88fc412-a9e5-47a9-908c-599c5716dccc</onfalse>

</stage>

<stage stageid="024c7d95-66da-4df9-bf74-3872b81ef481" name="Note2" type="Note">

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<narrative>Attempt 2</narrative>

<display x="285" y="-135" w="90" h="30"/>

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

<onsuccess>add886cd-e573-4350-ba66-37ec629ea450</onsuccess>

</stage>

<stage stageid="d620f09f-14c7-4aeb-854b-49ea0538ff64" name="Bad Attempts Count" type="Exception">

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="-15" y="90" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 0 attempts : but found : &quot; &

</stage>

<stage stageid="e88fc412-a9e5-47a9-908c-599c5716dccd" name="Bad Attempts Count" type="Exception">

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="120" y="135" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 1 attempt : but found : &quot; &

</stage>

<stage stageid="63ec320c-2508-4fea-bc78-48e0e977dbb7" name="Check that there's one less Bon Jovi s

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="285" y="15" w="90" h="60"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted"

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked"

</inputs>

```
<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="C

</outputs>

<onsuccess>e6e71e19-4223-469b-814c-c43f812e2173</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="cb09f4b9-95de-41b1-82e5-43dba67f7e38" name="Note6" type="Note">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<narrative>Attempt 3</narrative>

<display x="450" y="-135" w="90" h="30"/>

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

<onsuccess>442ab6f2-07c2-497e-8c8a-116aa41ae9e2</onsuccess>

</stage>

<stage stageid="e6e71e19-4223-469b-814c-c43f812e2173" name="anchor8" type="Anchor">

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<display x="285" y="90" w="10" h="10"/>

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

<onsuccess>cb09f4b9-95de-41b1-82e5-43dba67f7e38</onsuccess>

</stage>

<stage stageid="442ab6f2-07c2-497e-8c8a-116aa41ae9e2" name="Get Item &quot;If I Was Your Mo

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="450" y="-45" w="90" h="30"/>
```

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key" expr="[Key Filter]"/>
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a space" expr="[Tag Filter]"/>
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" stage="1"/>
<output type="collection" name="Data" narrative="The data associated with the item - a single collection representing the data" stage="1"/>
<output type="text" name="Status" narrative="The status of the item." stage="1"/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" stage="1"/>
</outputs>

<onsuccess>884c19fc-9c1b-457e-a5cb-c377990b126b</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="884c19fc-9c1b-457e-a5cb-c377990b126b" name="Any more pending horrors?" type="Decision" description="Any more pending horrors?">
<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="450" y="15" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>628170df-0ab7-41f6-9ff3-05c17a70b46c</ontrue>

<onfalse>a86d08c9-3394-4522-83bb-83eef590eede</onfalse>

</stage>

<stage stageid="628170df-0ab7-41f6-9ff3-05c17a70b46c" name="But it's terrible exception" type="Exception" description="But it's terrible exception">
<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="585" y="15" w="90" h="30"/>

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



```
<exception type="Queue Test Failed" detail="&quot;Shouldn't be any more &quot;&quot;If I
</stage>

<stage stageid="a86d08c9-3394-4522-83bb-83eef590eede" name="Note7" type="Note">

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<narrative>Thank heaven</narrative>

<display x="450" y="75" w="90" h="30"/>

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

<onsuccess>7052ec16-3782-4d25-b505-32b5e23ae647</onsuccess>

</stage>

<stage stageid="49c7abf4-73dd-4076-b742-664f2e28a678" name="Test &quot;Keep The Faith&quot;

<display x="15" y="225" w="120" h="30"/>

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

<onsuccess>ddf87f72-8bc2-4803-bebb-d3a5d219e287</onsuccess>

<processid>a747c205-18a2-4bd5-a992-76189a1104e7</processid>

</stage>

<stage stageid="47049f6c-e17d-473e-b6d5-7eeae68f4bed" name="Note4" type="Note">

<narrative>with retry / no lock; then no retry</narrative>

<display x="-165" y="225" w="150" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>49c7abf4-73dd-4076-b742-664f2e28a678</onsuccess>

</stage>

<stage stageid="3ac1ff9c-e26c-4bbb-a2b2-4d7b3aeeb198" name="Wait For Rand(m,n) Seconds" type="S

<subsheetid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</subsheetid>

<narrative>Waits for a random number of seconds between 2 values. Obviously, this is approximate since

<display x="-195" y="-105" w="180" h="90"/>

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

</stage>
```

<stage stageid="ad5b0c82-bee4-4573-b707-fc090ed9c2d2" name="Start" type="Start">

<subsHEETid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</subsHEETid>

<display x="-15" y="-135"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" stage="n

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" stage="n

</inputs>

<onsuccess>5fd9d11e-6af1-4424-9423-8b745714cfe3</onsuccess>

</stage>

<stage stageid="8a1e8f8e-6054-4a27-aba8-17ecb423e49e" name="End" type="End">

<subsHEETid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</subsHEETid>

<display x="-15" y="-45"/>

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

</stage>

<stage stageid="8270a0d3-5597-431b-91db-6700436b6ec8" name="min" type="Data">

<subsHEETid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</subsHEETid>

<display x="-225" y="-30"/>

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

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="6ed1263d-2f95-4b26-b176-3abeea292a85" name="max" type="Data">

<subsHEETid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</subsHEETid>

<display x="-165" y="-30"/>

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

<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5fd9d11e-6af1-4424-9423-8b745714cfe3" name="Wait Rand(m,n) Seconds" type="Action">

<subsheetid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</subsheetid>

<display x="-15" y="-90" w="90" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="[m">

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="[m">

</inputs>

<onsuccess>8a1e8f8e-6054-4a27-aba8-17ecb423e49e</onsuccess>

<resource object="Queue Utils" action="Wait Rand(m,n) Seconds"/>

</stage>

<stage stageid="6d4a5283-bcaf-4fb4-8c8b-a313830bb349" name="Wait For Rand(m,n) Seconds" type="S">

<subsheetid>dd50b0cf-1562-49d1-969d-152a0827cd7b</subsheetid>

<display x="15" y="0" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5">

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1">

</inputs>

<onsuccess>f2afd4dd-150a-4aab-908a-ff01d3e0172e</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>
```

```
</stage>

<stage stageid="0ec2acd7-e436-4b03-ac8e-f50144e98ad2" name="Wait For Rand(m,n) Seconds" type="S

<subsheetid>fcb76375-d66a-40af-8ebe-7daaa3b147f0</subsheetid>

<display x="15" y="0" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>8ab7d716-7623-4cfb-a025-aa4282475c07</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="7c39270f-e5df-48a0-b278-bff448eae560" name="Wait For Rand(m,n) Seconds" type="Su

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="75" y="-135" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>066b7804-ec59-4bdf-b6b6-7aa401ae22d0</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="f05957f6-2ff9-4fe7-b374-71da4c7f6d78" name="Wait For Rand(m,n) Seconds" type="Sub

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="225" y="-135" w="150" h="30"/>

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

```
<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>ef961909-376c-4714-b205-3ebf783cc9f7</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="53a1434a-3f2c-4272-8cea-a756beaea0e1" name="Wait For Rand(m,n) Seconds" type="S

<subsheetid>880aeef8-d936-4f5f-8a35-5fe16e36c987</subsheetid>

<display x="375" y="-135" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>af91e624-e9c8-465b-a56f-ca685ff17ef4</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="e6ac36b3-9483-4a49-9b88-3a29219506f6" name="Wait For Rand(m,n) Seconds" type="S

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="150" y="-90" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>4a4ee70d-a738-4751-9880-a4790ca55d20</onsuccess>
```

```
<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="9862e0ba-d3ba-4893-aaf7-06c3ad70c1c4" name="Wait For Rand(m,n) Seconds" type="S

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="315" y="-90" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>893c9d54-f6fd-416d-a0f4-ca7223b4de00</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="3c428355-9a84-4530-b155-0a65acf8bf73" name="Wait For Rand(m,n) Seconds" type="S

<subsheetid>b19ab007-8782-4e24-85b3-9a724592472a</subsheetid>

<display x="480" y="-90" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>abe7baff-f454-48be-8723-639cd0e8c2e1</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="a7e8dda5-ea64-4201-9194-cee3515d3280" name="Wait For Rand(m,n) Seconds" type="

<subsheetid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetid>

<display x="120" y="-90" w="150" h="30"/>
```

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>dce5aec0-317b-47b9-828e-19a603caa7dc</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="add886cd-e573-4350-ba66-37ec629ea450" name="Wait For Rand(m,n) Seconds" type="

<subsheetsid>a747c205-18a2-4bd5-a992-76189a1104e7</subsheetsid>

<display x="285" y="-90" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>bc232c86-a847-4bd6-8a5a-0b26d04582df</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="e15ba790-01da-40b8-af87-2f76779c320a" name="Test &quot;These Days&quot;

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<narrative>Tests that GetExceptions() doesn't return an item if its latest instance is :- locked, pending or co

<display x="-210" y="-105" w="210" h="90"/>

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

</stage>

<stage stageid="249f5c55-ddd0-4fe6-9ed1-511bf368b0b9" name="End" type="End">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>
```

```
<display x="705" y="-45"/>

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

</stage>

<stage stageid="5bf97873-0bb4-4abb-b36c-856bb290ec0a" name="Start" type="Start">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="-60" y="-90"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>58ad66ef-d932-4756-8ece-aeaa2cbf36ca</onsuccess>

</stage>

<stage stageid="c951a431-6695-458d-a4ef-40d9ca1c1b18" name="Get Item &quot;Hey God&quot; q

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the m

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="-60" y="15" w="120" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>
```



```
<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite
</outputs>

<onsuccess>bde18cb1-3352-4132-8fa5-513cf14345c3</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="f05f5188-4003-4d26-8046-44d656567390" name="Skip track" type="Action">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of
<display x="105" y="-75" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain lock

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>2c777f6f-ff38-4cdc-9b36-3db99cbf32dd</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="58ad66ef-d932-4756-8ece-aeaa2cbf36ca" name="Count &quot;songs&quot;" ty

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="-60" y="-30" w="90" h="30"/>

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

<inputs>
```

```
<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />
</outputs>

<onsuccess>c951a431-6695-458d-a4ef-40d9ca1c1b18</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="2c777f6f-ff38-4cdc-9b36-3db99cbf32dd" name="Surely there can't be more? Oh, yes" type="Text" />
<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="105" y="-30" w="90" h="30" />

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />
<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />
</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Count Pending Items" />
</outputs>

<onsuccess>7eec8677-c119-4980-8691-27dc76e70ad7</onsuccess>

<resource object="Queue Utils" action="Count Pending Items" />

</stage>

<stage stageid="7eec8677-c119-4980-8691-27dc76e70ad7" name="Get Item &quot;Hey God&quot;" type="Text" />
<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so it can't be worked again.</narrative>
```

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the m

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="105" y="15" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>9a905f49-7e65-40eb-a997-bd2cd2c26bd1</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="a2a321d7-42b7-4193-9dcd-a7faf21cc0cf" name="Fast Forward" type="Action">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="255" y="-75" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

```
<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of
<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked
</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be
</outputs>

<onsuccess>c0685b06-05ea-4cf4-a4c7-eb744d42213b</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="4b59e4f3-a2f6-45e8-8333-4318a781d286" name="Note2" type="Note">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<narrative>Attempt 1</narrative>

<display x="105" y="-255" w="90" h="30"/>

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

<onsuccess>33ad6024-0e3f-4738-9ef2-f3933411f0cc</onsuccess>

</stage>

<stage stageid="bde18cb1-3352-4132-8fa5-513cf14345c3" name="Attempts = 0?" type="Decision">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="-60" y="60" w="90" h="30"/>

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

<decision expression="[Attempts] = 0"/>

<ontrue>4b59e4f3-a2f6-45e8-8333-4318a781d286</ontrue>

<onfalse>e85766bf-1c36-4c17-9b91-380e1c7f3c11</onfalse>

</stage>

<stage stageid="9a905f49-7e65-40eb-a997-bd2cd2c26bd1" name="Attempts = 1?" type="Decision">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="105" y="60" w="90" h="30"/>
```

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

<decision expression="[Attempts] = 1"/>

<ontrue>d0f2e3c6-e21a-4a00-8815-0c31d6f869f3</ontrue>

<onfalse>c5ddec9c-fea3-4a4d-a93c-f6fbab41bc31</onfalse>

</stage>

<stage stageid="d0f2e3c6-e21a-4a00-8815-0c31d6f869f3" name="Note2" type="Note">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>Attempt 2</narrative>

<display x="255" y="-255" w="90" h="30"/>

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

<onsuccess>d4b567fa-b496-4d1e-a1f0-38b9b4f275e2</onsuccess>

</stage>

<stage stageid="e85766bf-1c36-4c17-9b91-380e1c7f3c11" name="Bad Attempts Count" type="Exception">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="-60" y="105" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 0 attempts : but found : &quot; &

</stage>

<stage stageid="c5ddec9c-fea3-4a4d-a93c-f6fbab41bc31" name="Bad Attempts Count" type="Exception">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="105" y="105" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 1 attempt : but found : &quot; &

</stage>

<stage stageid="88114a0b-d9ae-431a-9ae0-a9efbfbfe0821" name="Note6" type="Note">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>Attempt 2.5</narrative>

<display x="405" y="-255" w="90" h="30"/>

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

<onsuccess>5ef0aa35-d893-4a48-9e55-52be71d42a93</onsuccess>

</stage>

<stage stageid="c0685b06-05ea-4cf4-a4c7-eb744d42213b" name="anchor8" type="Anchor">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="255" y="75" w="10" h="10"/>

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

<onsuccess>88114a0b-d9ae-431a-9ae0-a9efbfbe0821</onsuccess>

</stage>

<stage stageid="a4565bc5-0fef-4cc5-8d3b-1b2a83d22de8" name="Is it still around?" type="Decision">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="555" y="60" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>828b996a-08a7-483c-b6bf-a2e7a8f182e6</ontrue>

<onfalse>e126c31f-f273-475f-9f1b-a933c121872d</onfalse>

</stage>

<stage stageid="828b996a-08a7-483c-b6bf-a2e7a8f182e6" name="But it really shouldn't be" type="Exception">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="555" y="105" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Shouldn't be any more &quot;&quot;He

</stage>

<stage stageid="742a6f06-4a42-4857-9425-030daddef051" name="Wait For Rand(m,n) Seconds" type="S

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="105" y="-120" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>f05f5188-4003-4d26-8046-44d656567390</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="b1fd24c5-fc53-478d-bc34-96226c1ce81e" name="Wait For Rand(m,n) Seconds" type="S

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="255" y="-120" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1

</inputs>

<onsuccess>a2a321d7-42b7-4193-9dcd-a7faf21cc0cf</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="8f5338d0-9dde-4753-b9fa-75cca0ed62f0" name="Find Exceptioned Item" type="SubShee

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<narrative>Searches for the given Item ID in the current set of exceptioned items. Returns True if it finds it,

<display x="-195" y="-105" w="150" h="90"/>

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

</stage>

<stage stageid="db35ad45-9ab2-4141-b9c2-b2c4dbc323cc" name="Start" type="Start">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>
```

<display x="15" y="-135"/>

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

<inputs>

<input type="text" name="Required ID" narrative="The Item ID of the ID to find in the exceptions" stage="R

</inputs>

<onsuccess>99377a11-7c52-4ed3-9507-16f5271dc9f8</onsuccess>

</stage>

<stage stageid="8215d033-365e-428b-8c7b-8c8ca1c89d6d" name="End" type="End">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<display x="15" y="90"/>

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

<outputs>

<output type="flag" name="Found" narrative="Flag to indicate if the given ID was found in the exceptioned

</outputs>

</stage>

<stage stageid="bcd33d5c-7f57-492d-b174-5aaa39b8fe12" name="Required ID" type="Data">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<display x="-195" y="0" w="90" h="30"/>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="010e2b01-f286-44e7-9ed1-4d31d568725a" name="Found" type="Data">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<display x="-195" y="45" w="90" h="30"/>



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

<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="99377a11-7c52-4ed3-9507-16f5271dc9f8" name="Get Exceptions" type="Action">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<narrative>Gets the work items from the specified queue which have been marked with an exception on the

<display x="15" y="-90" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to retrieve the exception items

<input type="datetime" name="Start Date" narrative="Optionally, the start threshold date. Any items returned

<input type="datetime" name="End Date" narrative="Optionally, the end threshold date. Any items returned

<input type="number" name="Maximum Rows" narrative="Optionally, the maximum number of rows to return

</inputs>

<outputs>

<output type="collection" name="Exception Items" narrative="The items which were marked with an exception

</outputs>

<onsuccess>666d153a-5795-4075-ba8e-7598a251afaa</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Exception Items"/>

</stage>

<stage stageid="1e39515d-7ff0-4619-af66-b36f28a783c2" name="Exception Items" type="Collection">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<display x="-195" y="90" w="120" h="30"/>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="666d153a-5795-4075-ba8e-7598a251afaa" name="For Each exception" type="LoopStart">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<loginhibit/>

<display x="15" y="-45" w="90" h="30"/>

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

<onsuccess>617f3f64-d8ee-441a-a55e-6378a438b73a</onsuccess>

<groupid>11a81d65-b253-40ba-853f-1e4574901d1b</groupid>

<looptype>ForEach</looptype>

<loopdata>Exception Items</loopdata>

</stage>

<stage stageid="604f2b30-d47f-4ece-b346-124b3627b4a1" name="Next exception" type="LoopEnd">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<loginhibit/>

<display x="15" y="45" w="90" h="30"/>

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

<onsuccess>8215d033-365e-428b-8c7b-8c8ca1c89d6d</onsuccess>

<groupid>11a81d65-b253-40ba-853f-1e4574901d1b</groupid>

</stage>

<stage stageid="617f3f64-d8ee-441a-a55e-6378a438b73a" name="Is this it?" type="Decision">

<subsheetsid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsheetsid>

<loginhibit/>

<display x="15" y="0" w="90" h="30"/>

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

<decision expression="[Exception Items.Item ID] = [Required ID]"/>

<ontrue>f91d13e5-db05-423b-beea-dbcec7fb2ad0</ontrue>

<onfalse>604f2b30-d47f-4ece-b346-124b3627b4a1</onfalse>

</stage>

<stage stageid="f91d13e5-db05-423b-beea-dbcec7fb2ad0" name="It's all true" type="Calculation">

<subsHEETid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsHEETid>

<loginhibit/>

<display x="150" y="0" w="120" h="30"/>

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

<onsuccess>250a052d-150b-40fa-9b79-c983dada0e4a</onsuccess>

<calculation expression="True" stage="Found"/>

</stage>

<stage stageid="250a052d-150b-40fa-9b79-c983dada0e4a" name="anchor13" type="Anchor">

<subsHEETid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</subsHEETid>

<display x="150" y="90" w="10" h="10"/>

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

<onsuccess>8215d033-365e-428b-8c7b-8c8ca1c89d6d</onsuccess>

</stage>

<stage stageid="33ad6024-0e3f-4738-9ef2-f3933411f0cc" name="Find It In Exceptions" type="SubSheet">

<subsHEETid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsHEETid>

<display x="105" y="-210" w="90" h="30"/>

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

<inputs>

<input type="text" name="Required ID" narrative="The Item ID of the ID to find in the exceptions" expr="[It

```
</inputs>

<outputs>

<output type="flag" name="Found" narrative="Flag to indicate if the given ID was found in the exceptioned

</outputs>

<onsuccess>4e08b303-0ef7-45a7-997a-4e9f49b13953</onsuccess>

<processid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</processid>

</stage>

<stage stageid="ec557657-0b73-4aea-a3db-7c0237bcd97a" name="Found" type="Data">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="-210" y="-15"/>

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

<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="4e08b303-0ef7-45a7-997a-4e9f49b13953" name="Was it there?" type="Decision">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="105" y="-165" w="90" h="30"/>

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

<decision expression="[Found]"/>

<ontrue>73e45763-589e-4181-b352-0e4e78d24d36</ontrue>

<onfalse>742a6f06-4a42-4857-9425-030daddef051</onfalse>

</stage>

<stage stageid="215acbdba-fd11-43d9-83c3-16014569ffe3" name="What the hell is going on?" type="Excep

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="180" y="-330" w="120" h="30"/>
```

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<exception type="Queue Test Failed" detail="&quot;Apparently 'Hey God' is an exception, before it's e
</stage>
<stage stageid="d4b567fa-b496-4d1e-a1f0-38b9b4f275e2" name="Find It In Exceptions" type="SubSheet"
<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>
<display x="255" y="-210" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Required ID" narrative="The Item ID of the ID to find in the exceptions" expr="[It
</inputs>
<outputs>
<output type="flag" name="Found" narrative="Flag to indicate if the given ID was found in the exceptione
</outputs>
<onsuccess>eb60cce4-9de2-4f80-b8f8-09a1590b0f77</onsuccess>
<processid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</processid>
</stage>
<stage stageid="eb60cce4-9de2-4f80-b8f8-09a1590b0f77" name="Was it there?" type="Decision">
<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>
<display x="255" y="-165" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<decision expression="[Found]"/>
<ontrue>88e02abd-4b95-46e4-a0e4-9d97e0abeda9</ontrue>
<onfalse>b1fd24c5-fc53-478d-bc34-96226c1ce81e</onfalse>
</stage>
<stage stageid="2aa5cf38-438f-4475-9fe0-2c68acceaa026" name="Seems like all the good $#!t's gone" typ
<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>
<display x="330" y="-330" w="120" h="30"/>
```

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<exception type="Queue Test Failed" detail="&quot;GetExceptions() returned an item with a locked in
</stage>
<stage stageid="5ef0aa35-d893-4a48-9e55-52be71d42a93" name="Find It In Exceptions" type="SubShee
<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>
<display x="405" y="-210" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Required ID" narrative="The Item ID of the ID to find in the exceptions" expr="[It
</inputs>
<outputs>
<output type="flag" name="Found" narrative="Flag to indicate if the given ID was found in the exceptione
</outputs>
<onsuccess>163597ec-da4d-4faa-9dca-07f1c866c78b</onsuccess>
<processid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</processid>
</stage>
<stage stageid="73e45763-589e-4181-b352-0e4e78d24d36" name="anchor14" type="Anchor">
<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>
<display x="180" y="-165" w="10" h="10"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>215acbda-fd11-43d9-83c3-16014569ffe3</onsuccess>
</stage>
<stage stageid="88e02abd-4b95-46e4-a0e4-9d97e0abeda9" name="anchor14" type="Anchor">
<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>
<display x="330" y="-165" w="10" h="10"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>2aa5cf38-438f-4475-9fe0-2c68acceaa026</onsuccess>
```

</stage>

<stage stageid="163597ec-da4d-4faa-9dca-07f1c866c78b" name="Was it there?" type="Decision">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="405" y="-165" w="90" h="30"/>

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

<decision expression="[Found]"/>

<ontrue>20803a60-2120-47e4-a15d-d9877423226d</ontrue>

<onfalse>bdbb48fe-5a9c-42bc-835d-bb8ac3db2e28</onfalse>

</stage>

<stage stageid="bf43ec87-e1a0-4a4e-860d-9a2668a9db2a" name="Keeps on getting harder hanging on" type="Text">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="480" y="-330" w="120" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;GetExceptions() returned an item with a pending item" />

</stage>

<stage stageid="20803a60-2120-47e4-a15d-d9877423226d" name="anchor14" type="Anchor">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="480" y="-165" w="10" h="10"/>

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

<onsuccess>bf43ec87-e1a0-4a4e-860d-9a2668a9db2a</onsuccess>

</stage>

<stage stageid="88f73f9e-4842-4423-9fa5-8f44c8228ed5" name="Actually, I quite like this song" type="Text">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>Marks the item as completed, by updating the Completed timestamp and setting Locked to null.</narrative>

<display x="555" y="-75" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

</inputs>

<onsuccess>1aa63b96-47bd-4b98-b3bb-d1355159b594</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

</stage>

<stage stageid="7d645bbc-7b9b-4ff8-8079-8b81e081c828" name="Note2" type="Note">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<narrative>Attempt 3</narrative>

<display x="555" y="-255" w="90" h="30"/>

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

<onsuccess>d91a0f6c-6dbd-4b7e-8653-a4c737147731</onsuccess>

</stage>

<stage stageid="a81b6726-e7d0-4a29-9f28-1aaf7aff51ab" name="Wait For Rand(m,n) Seconds" type="Su

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="555" y="-120" w="150" h="30"/>

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

<inputs>

<input type="number" name="Min Seconds" narrative="The minimum number of seconds to wait" expr="5"

<input type="number" name="Max Seconds" narrative="The maximum number of seconds to wait" expr="1"

</inputs>

<onsuccess>88f73f9e-4842-4423-9fa5-8f44c8228ed5</onsuccess>

<processid>ff0b2d1c-4d5e-46d3-82b0-edc9df8f0c7a</processid>

</stage>

<stage stageid="d91a0f6c-6dbd-4b7e-8653-a4c737147731" name="Find It In Exceptions" type="SubSheet

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="555" y="-210" w="90" h="30"/>

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



```
<inputs>

<input type="text" name="Required ID" narrative="The Item ID of the ID to find in the exceptions" expr="[Item ID]" />

</inputs>

<outputs>

<output type="flag" name="Found" narrative="Flag to indicate if the given ID was found in the exceptioned item" />

</outputs>

<onsuccess>34498e7e-b13a-460b-ae74-c31cd718ec01</onsuccess>

<processid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</processid>

</stage>

<stage stageid="34498e7e-b13a-460b-ae74-c31cd718ec01" name="Was it there?" type="Decision">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="555" y="-165" w="90" h="30"/>

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

<decision expression="[Found]"/>

<ontrue>0912d109-991e-4a20-80e6-e1de45e247c6</ontrue>

<onfalse>a81b6726-e7d0-4a29-9f28-1aaf7aff51ab</onfalse>

</stage>

<stage stageid="bdbb48fe-5a9c-42bc-835d-bb8ac3db2e28" name="Surely there can't be more? Oh, yes" type="Text">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="405" y="-30" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should be counted" />

<input type="number" name="Expected" narrative="The expected number of queue items currently unlocked" />

</inputs>

<outputs>

<output type="number" name="Count" narrative="The count of pending items in the work queue" stage="Counting" />
```

</outputs>

<onsuccess>28a5bdc9-d782-43f4-bf21-04801de3de25</onsuccess>

<resource object="Queue Utils" action="Count Pending Items"/>

</stage>

<stage stageid="28a5bdc9-d782-43f4-bf21-04801de3de25" name="Get Item &quot;Hey God&quot;">

<subsheets><subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the m

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<div display x="405" y="15" w="90" h="30"/>

<div font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>1d0285bc-2957-44c9-baa0-765e813fe290</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="1d0285bc-2957-44c9-baa0-765e813fe290" name="Attempts = 1?" type="Decision">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="405" y="60" w="90" h="30"/>

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

<decision expression="[Attempts] = 2"/>

<ontrue>7d645bbc-7b9b-4ff8-8079-8b81e081c828</ontrue>

<onfalse>4ec95c93-2cdb-432b-91da-40536d41731e</onfalse>

</stage>

<stage stageid="4ec95c93-2cdb-432b-91da-40536d41731e" name="Bad Attempts Count" type="Exception">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="405" y="105" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 2 attempts : but found : &quot; &

</stage>

<stage stageid="1aa63b96-47bd-4b98-b3bb-d1355159b594" name="Get Item &quot;Hey God&quot; c

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="555" y="15" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

```
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" stage="" />
<output type="collection" name="Data" narrative="The data associated with the item - a single collection of data" stage="" />
<output type="text" name="Status" narrative="The status of the item." stage="" />
<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" stage="" />
</outputs>

<onsuccess>a4565bc5-0fef-4cc5-8d3b-1b2a83d22de8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item" />

</stage>

<stage stageid="e126c31f-f273-475f-9f1b-a933c121872d" name="Note6" type="Note">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<narrative>Attempt 3.5</narrative>

<display x="705" y="-255" w="90" h="30" />

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

<onsuccess>6994e366-328e-47c9-8b60-5f7fa6a2b80b</onsuccess>

</stage>

<stage stageid="6994e366-328e-47c9-8b60-5f7fa6a2b80b" name="Find It In Exceptions" type="SubSheet">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="705" y="-210" w="90" h="30" />

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

<inputs>

<input type="text" name="Required ID" narrative="The Item ID of the ID to find in the exceptions" expr="[Item ID]" />
</inputs>

<outputs>

<output type="flag" name="Found" narrative="Flag to indicate if the given ID was found in the exceptions" stage="" />
</outputs>
```

```
<onsuccess>cd7c02bf-6033-47fd-af60-33c7b252e21c</onsuccess>

<processid>88ed69d6-1d29-454b-b2ee-7530a6b7b821</processid>

</stage>

<stage stageid="cd7c02bf-6033-47fd-af60-33c7b252e21c" name="Was it there?" type="Decision">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="705" y="-165" w="90" h="30"/>

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

<decision expression="[Found]"/>

<ontrue>fcf46fa6-7b23-4d59-8073-eb80e6588b44</ontrue>

<onfalse>249f5c55-ddd0-4fe6-9ed1-511bf368b0b9</onfalse>

</stage>

<stage stageid="ddf87f72-8bc2-4803-bebb-d3a5d219e287" name="Test &quot;These Days&quot;" type="Text">

<display x="15" y="270" w="120" h="30"/>

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

<onsuccess>6ea7156f-eb9d-49ad-8cf1-b011a6de62f9</onsuccess>

<processid>65cbd4e1-2fff-477a-812e-e9946e508c91</processid>

</stage>

<stage stageid="9daa384f-fb46-46c9-9ff2-81a90007ed38" name="Note4" type="Note">

<narrative>Check GetExceptions() plays well with retry instances</narrative>

<display x="-165" y="270" w="150" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>ddf87f72-8bc2-4803-bebb-d3a5d219e287</onsuccess>

</stage>

<stage stageid="1538ce23-1d71-4434-8771-b921fcece879" name="There's nights you know I want to scre" type="Text">

<subsheetid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetid>

<display x="630" y="-330" w="120" h="30"/>

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

```
<exception type="Queue Test Failed" detail="&quot;GetExceptions() returned an item with 2 exception
</stage>

<stage stageid="0912d109-991e-4a20-80e6-e1de45e247c6" name="anchor14" type="Anchor">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="630" y="-165" w="10" h="10"/>

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

<onsuccess>1538ce23-1d71-4434-8771-b921fcede879</onsuccess>

</stage>

<stage stageid="3203dda6-d2fa-4739-9cf4-bc85c0b6eefc" name="These days you're even harder to believe
<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="780" y="-330" w="120" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;GetExceptions() returned an item with a complete
</stage>

<stage stageid="fcf46fa6-7b23-4d59-8073-eb80e6588b44" name="anchor14" type="Anchor">

<subsheetsid>65cbd4e1-2fff-477a-812e-e9946e508c91</subsheetsid>

<display x="780" y="-165" w="10" h="10"/>

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

<onsuccess>3203dda6-d2fa-4739-9cf4-bc85c0b6eefc</onsuccess>

</stage>

<stage stageid="5115d61c-3383-495c-b018-a043ca86aade" name="Test &quot;Crush&quot;" type="Test" >

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="-330" y="-120" w="150" h="90"/>

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

</stage>

<stage stageid="52e9fcd9-38f2-49f2-8494-9fd9f8066951" name="Start" type="Start">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>
```

```
<display x="-165" y="-135"/>

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

<onsuccess>44705e26-b840-4c11-8888-da276067cb91</onsuccess>

</stage>

<stage stageid="6ea7156f-eb9d-49ad-8cf1-b011a6de62f9" name="Test &quot;Crush&quot;" type="Note">

<display x="15" y="315" w="120" h="30"/>

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

<onsuccess>2e1ffd7e-1bf2-4d71-b052-94a729f3fd06</onsuccess>

<processid>ffa98bae-b68d-49ca-a286-cc0a8167df38</processid>

</stage>

<stage stageid="bab1ced2-ed16-431a-9ca3-af551f3508b7" name="Note4" type="Note">

<narrative>Check that tags are copied across retries</narrative>

<display x="-165" y="315" w="150" h="30"/>

<font family="Tahoma" size="10" style="Regular" color="5E0000"/>

<onsuccess>6ea7156f-eb9d-49ad-8cf1-b011a6de62f9</onsuccess>

</stage>

<stage stageid="44705e26-b840-4c11-8888-da276067cb91" name="Get Item &quot;Thank You For L">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="-165" y="-90" w="120" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>
```

```
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa
<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro
<output type="text" name="Status" narrative="The status of the item." stage=""/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite
</outputs>

<onsuccess>4582bd04-9f37-4dcd-85bd-0a531fbf9792</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="01d110da-8e11-483e-94e3-41390c7ea56b" name="Tag &quot;Never Heard&quot;
<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>Adds a tag to a work queue item</narrative>

<display x="-165" y="45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Item ID]"/>
<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p
</inputs>

<onsuccess>007e8e1d-3ebe-4336-8fbd-976954f5abbe</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="007e8e1d-3ebe-4336-8fbd-976954f5abbe" name="Tag &quot;You Give Songs a Bac
<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>Adds a tag to a work queue item</narrative>
```



```
<div display x=-165 y=90 w=120 h=30>
  <div font family=Tahoma size=10 style=Regular color=000000>
    <div>
      <div type=text name=Item ID narrative=The ID of the queue item to add the tag to expr=[Item ID]>
      <div type=text name=Tag narrative=The tag to add to the item. Note that this cannot start with a '+' (p
    </div>
    <div onsuccess=ce2c581d-182c-4861-b4d4-02ea8efd188a>
      <div resource object=Blueprism.Automate.clsWorkQueuesActions action=Tag Item>
    </div>
    <div stage stageid=ce2c581d-182c-4861-b4d4-02ea8efd188a name=Tag &quot;Jury's Out&quot;
      <div subsheetid=ffa98bae-b68d-49ca-a286-cc0a8167df38>
        <div narrative>Adds a tag to a work queue item</div>
      <div display x=-165 y=135 w=90 h=30>
        <div font family=Tahoma size=10 style=Regular color=000000>
          <div>
            <div type=text name=Item ID narrative=The ID of the queue item to add the tag to expr=[Item ID]>
            <div type=text name=Tag narrative=The tag to add to the item. Note that this cannot start with a '+' (p
          </div>
          <div onsuccess=910d3b37-2187-49d2-8f7f-d0f8a6332964>
            <div resource object=Blueprism.Automate.clsWorkQueuesActions action=Tag Item>
          </div>
          <div stage stageid=910d3b37-2187-49d2-8f7f-d0f8a6332964 name=Mark Exception type=Action>
            <div subsheetid=ffa98bae-b68d-49ca-a286-cc0a8167df38>
              <div narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of
            </div>
            <div display x=-165 y=180 w=120 h=30>
              <div font family=Tahoma size=10 style=Regular color=000000>
                <div>
```

```
<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>
<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>
<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of attempts" expr="[Retry]"/>
<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" expr="[Keep Locked]"/>
</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be used to create a new item." expr="[New Item ID]"/>
</outputs>

<onsuccess>754f5c26-8a10-4a7c-850f-31889214ba99</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="8e465a6f-109e-4c54-a262-c68cca03948f" name="Attempts = 0?" type="Decision">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<display x="-165" y="0" w="90" h="30"/>

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

<decision expression="[Attempts] = 0"/>

<ontrue>01d110da-8e11-483e-94e3-41390c7ea56b</ontrue>

<onfalse>9f609c20-e73d-4f28-a64c-4ffdd9e77461</onfalse>

</stage>

<stage stageid="9f609c20-e73d-4f28-a64c-4ffdd9e77461" name="Bad Attempts Count" type="Exception">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<display x="-300" y="0" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 0 attempts : but found : &quot; &quot;Attempts" expr="[Attempts]"/>

</stage>

<stage stageid="4582bd04-9f37-4dcd-85bd-0a531fbf9792" name="Got it?" type="Decision">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
```

```
<display x="-165" y="-45" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>8e465a6f-109e-4c54-a262-c68cca03948f</ontrue>

<onfalse>3483be36-1d2c-4d05-baad-d38e9a87bf32</onfalse>

</stage>

<stage stageid="3483be36-1d2c-4d05-baad-d38e9a87bf32" name="No Thank You" type="Exception">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="-300" y="-45" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;There's just no gratitude these days&quot;"/>

</stage>

<stage stageid="92389859-c6e7-4534-8308-4c2e590aba34" name="anchor15" type="Anchor">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="-60" y="240" w="10" h="10"/>

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

<onsuccess>7259eaa8-379a-4ab8-90ef-359d167f3432</onsuccess>

</stage>

<stage stageid="7259eaa8-379a-4ab8-90ef-359d167f3432" name="anchor16" type="Anchor">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="-60" y="-135" w="10" h="10"/>

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

<onsuccess>39117d64-6485-4c43-9744-83ffdab9441f</onsuccess>

</stage>

<stage stageid="39117d64-6485-4c43-9744-83ffdab9441f" name="Note11" type="Note">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>Fire Up YouTube</narrative>
```

<display x="45" y="-135" w="120" h="30"/>

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

<onsuccess>53e815af-4f61-44fc-98a2-6a92e79ab796</onsuccess>

</stage>

<stage stageid="53e815af-4f61-44fc-98a2-6a92e79ab796" name="Get Item &quot;Thank You For Lo

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the m

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="45" y="-90" w="120" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>c8a4ab21-4abf-41e9-b37e-e40ff442b29e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="f7439c5b-39e6-425d-b96b-883e9191e47f" name="Attempts = 1?" type="Decision">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="45" y="0" w="90" h="30"/>

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

<decision expression="[Attempts] = 1"/>

<ontrue>423937c1-c619-44c9-8bd8-af7ef6caae9c</ontrue>

<onfalse>4a186a8f-073d-4866-9414-18be3b778afb</onfalse>

</stage>

<stage stageid="4a186a8f-073d-4866-9414-18be3b778afb" name="Bad Attempts Count" type="Exception">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="180" y="0" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;Should be 0 attempts : but found : &quot; &a

</stage>

<stage stageid="c8a4ab21-4abf-41e9-b37e-e40ff442b29e" name="Got it?" type="Decision">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="45" y="-45" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>f7439c5b-39e6-425d-b96b-883e9191e47f</ontrue>

<onfalse>1f62719e-08c2-4a80-9f15-56d4a2e4e7f2</onfalse>

</stage>

<stage stageid="1f62719e-08c2-4a80-9f15-56d4a2e4e7f2" name="No Thank You" type="Exception">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="180" y="-45" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;There's just no gratitude in retries these days&a

```
</stage>

<stage stageid="423937c1-c619-44c9-8bd8-af7ef6caae9c" name="Untag &quot;Never Heard&quot;
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<narrative>Removes a tag from a work queue item</narrative>

<display x="45" y="45" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to remove the tag from" expr="[Item
<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with
</inputs>

<onsuccess>1d7c8c32-3a4d-419e-b9c5-8dc834c8dc09</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="1d7c8c32-3a4d-419e-b9c5-8dc834c8dc09" name="Untag &quot;Jury's Out&quot;
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<narrative>Removes a tag from a work queue item</narrative>

<display x="45" y="90" w="90" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to remove the tag from" expr="[Item
<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with
</inputs>

<onsuccess>628fe301-e9c9-4f99-9511-3fe3bc02b277</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="628fe301-e9c9-4f99-9511-3fe3bc02b277" name="Tag &quot;Approach With Caution
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
```

<narrative>Adds a tag to a work queue item</narrative>

<display x="45" y="135" w="120" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Item ID]"/>

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>939181c4-05e3-42d3-bec6-6b8e5201d43e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="939181c4-05e3-42d3-bec6-6b8e5201d43e" name="Mark Exception" type="Action">

<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of

<display x="45" y="180" w="120" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" exp

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain loc

</inputs>

<outputs>

<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be

</outputs>

<onsuccess>dfb5e517-6841-4c26-b0c7-0038b5abf6c8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

```
<stage stageid="b2ebad9a-674a-43b1-81d6-30701f009ccf" name="anchor15" type="Anchor">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
<display x="255" y="240" w="10" h="10"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>a407440a-6bb2-473c-8f94-66f71a6432e7</onsuccess>
</stage>
```

```
<stage stageid="a407440a-6bb2-473c-8f94-66f71a6432e7" name="anchor16" type="Anchor">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
<display x="255" y="-135" w="10" h="10"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>c9bd0b0c-ae46-4105-8ad9-ebcfc7e8702c</onsuccess>
</stage>
```

```
<stage stageid="c9bd0b0c-ae46-4105-8ad9-ebcfc7e8702c" name="Get &quot;Never Heard&quot; queue" type="Queue">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so
```

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the name of the queue is used to determine the order.

The Item ID returned is used to make further calls to update the work status for that item. It may be empty, in which case the item has been processed.

```
<display x="345" y="-135" w="120" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." expr="[Key Filter]"/>
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a comma." expr="[Tag Filter]"/>
</inputs>
<outputs>
```



```
<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" />
<output type="collection" name="Data" narrative="The data associated with the item - a single collection row" />
<output type="text" name="Status" narrative="The status of the item." stage=""/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" />
</outputs>

<onsuccess>22d0e671-e6cd-4df0-a6b1-ee6e4e6ae2e6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>
</stage>

<stage stageid="22d0e671-e6cd-4df0-a6b1-ee6e4e6ae2e6" name="Got it?" type="Decision">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
<display x="345" y="-90" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>
<ontrue>e557b439-fff6-4be0-9af5-4888ffcc4068</ontrue>
<onfalse>ae018bdc-b0a3-4907-ac7f-58ebb32ddf48</onfalse>
</stage>

<stage stageid="e557b439-fff6-4be0-9af5-4888ffcc4068" name="Thank You, No." type="Exception">
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
<display x="480" y="-90" w="90" h="30"/>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<exception type="Queue Test Failed" detail="&quot;I've heard it now. I don't want to go through that again&quot;"/>
</stage>

<stage stageid="ae018bdc-b0a3-4907-ac7f-58ebb32ddf48" name="Get &quot;Jury's Out&quot; Item"/>
<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>
<narrative>This action gets the next item to be worked from the queue, returning its details and locking it so that no other
item can be worked on it.

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the next item in the queue is processed first.
```

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="345" y="-45" w="120" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>812b1391-75c5-42ef-9926-4a2e31fb9f18</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="812b1391-75c5-42ef-9926-4a2e31fb9f18" name="Got it?" type="Decision">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="345" y="0" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>7dbae096-e71b-4579-97c5-55e75f2bd326</ontrue>

<onfalse>23df10af-5be6-41fc-a3e2-3a1fe38d30f8</onfalse>

</stage>

<stage stageid="7dbae096-e71b-4579-97c5-55e75f2bd326" name="Thank You, No." type="Exception">

<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<display x="480" y="0" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;I've heard it now. I don't want to go through that a

</stage>

<stage stageid="23df10af-5be6-41fc-a3e2-3a1fe38d30f8" name="Get &quot;Caution&quot;/&am

<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<narrative>This action gets the next item to be worked from the queue, returning its details and locking it s

Items with higher priorities (lower numerical value) are processed first. Where the priority is the same, the r

The Item ID returned is used to make further calls to update the work status for that item. It may be empty,

<display x="345" y="45" w="120" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue" expr="[Queue Name]"/>

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>92d2bb60-a0e7-46ca-b4d8-3757c7cb3ff1</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

```
</stage>

<stage stageid="92d2bb60-a0e7-46ca-b4d8-3757c7cb3ff1" name="Got it?" type="Decision">

<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<display x="345" y="90" w="90" h="30"/>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>f4bfb622-9153-45e7-befd-a025358cc8da</ontrue>

<onfalse>d9e1e8fc-e0d4-48d2-8ab0-180f4b782e6b</onfalse>

</stage>

<stage stageid="d9e1e8fc-e0d4-48d2-8ab0-180f4b782e6b" name="No Thank You" type="Exception">

<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<display x="480" y="90" w="90" h="30"/>

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

<exception type="Queue Test Failed" detail="&quot;But we need to warn our children!&quot;"/>

</stage>

<stage stageid="f4bfb622-9153-45e7-befd-a025358cc8da" name="Future Generations have been warned" type="Narrative">

<subsheetid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetid>

<narrative>Marks the item as an exception, optionally retrying it by cloning the item and returning the ID of the clone</narrative>

<display x="345" y="135" w="120" h="30"/>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

<input type="text" name="Exception Reason" narrative="A description of the reason for the exception" expr="[Exception Reason]"/>

<input type="flag" name="Retry" narrative="Whether or not to retry the item, up to the maximum number of retries" expr="[Retry]"/>

<input type="flag" name="Keep Locked" narrative="Whether or not the clone of the item should remain locked" expr="[Keep Locked]"/>

</inputs>

<outputs>
```

```
<output type="text" name="New Item ID" narrative="The Item ID of the newly cloned item. This item will be
</outputs>

<onsuccess>fe76b3c8-e749-4922-a2a8-0b9a1165319e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Exception"/>

</stage>

<stage stageid="fe76b3c8-e749-4922-a2a8-0b9a1165319e" name="End" type="End">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<display x="345" y="210"/>

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

</stage>

<stage stageid="754f5c26-8a10-4a7c-850f-31889214ba99" name="Note12" type="Note">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>Should have 3 Tags:

* Never Heard

* You Give Songs a Bad Name

* Jury's Out</narrative>

<display x="-165" y="240" w="150" h="60"/>

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

<onsuccess>92389859-c6e7-4534-8308-4c2e590aba34</onsuccess>

</stage>

<stage stageid="dfb5e517-6841-4c26-b0c7-0038b5abf6c8" name="Note12" type="Note">

<subsheetsid>ffa98bae-b68d-49ca-a286-cc0a8167df38</subsheetsid>

<narrative>Should have 2 tags:

* You Give Songs a Bad Name

* Approach With Caution</narrative>

<display x="45" y="240" w="150" h="60"/>

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

<onsuccess>b2ebad9a-674a-43b1-81d6-30701f009ccf</onsuccess>

</stage>

<stage stageid="2e1ffd7e-1bf2-4d71-b052-94a729f3fd06" name="Burn Them All" type="Action">

<display x="15" y="375" w="90" h="30"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name

</inputs>

<onsuccess>e4f00850-5961-4bd3-aa3f-36295cdbe4c1</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>

</stage>

<stage stageid="f60bcef0-a339-4613-8be3-0c948d695435" name="Cleanup Block" type="Block">

<loginhibit onsuccess="true"/>

<display x="-60" y="-30" w="240" h="375"/>

<font family="Segoe UI" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="ec6de49a-43d3-41e5-ac8f-40a9378d2367" name="Recover1" type="Recover">

<loginhibit/>

<display x="135" y="0"/>

<onsuccess>29c2825a-4522-443e-8b42-2707ca7d9ed4</onsuccess>

</stage>

<stage stageid="1f53faee-a047-4eb6-a025-8aaf87ec2973" name="RETHROW" type="Exception">

<display x="225" y="45"/>

<exception localized="yes" type="" detail="" usecurrent="yes"/>

</stage>

<stage stageid="29c2825a-4522-443e-8b42-2707ca7d9ed4" name="Burn Them All" type="Action">

<display x="135" y="45"/>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue Name

</inputs>

<onsuccess>1f53faee-a047-4eb6-a025-8aaf87ec2973</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>

</stage>

</process>

<process name="Test Queue Item Tagging" version="1.0" bpversion="5.0.999.999" narrative="Work queue

<view>

<camerax>1448</camerax>

<cameray>126</cameray>

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

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="6545fcb9-21ff-40b4-ab94-8cfa8ad6fd28" name="Start" type="Start">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>-195</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>7764b41e-b69a-420f-b9e1-825fd27d2b68</onsuccess>

</stage>

<stage stageid="e4f036c0-755a-41ad-80aa-62c37b7ef840" name="Stage1" type="ProcessInfo">
```

<narrative>

</narrative>

<displayx>-420</displayx>

<displayy>-120</displayy>

<displaywidth>270</displaywidth>

<displayheight>90</displayheight>

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

</stage>

<stage stageid="aca5f95e-adcb-4768-b518-86fe6c8bfc66" name="Introduce Depps" type="Action">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q" data-bbox="52 619 1000 636"/>

<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to" data-bbox="52 653 1000 670"/>

<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c" data-bbox="52 687 1000 704"/>

<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number" data-bbox="52 721 1000 738"/>

<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q" data-bbox="52 755 1000 772"/>

<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)" data-bbox="52 789 1000 806"/>

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c" data-bbox="52 891 1000 908"/>

</outputs>



```
<onsuccess>26043e58-29b4-462d-bf76-5820e7a72b6a</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="a3793046-5134-49a6-ab2d-ad88dedd5bd4" name="Depps" type="Collection">

<narrative>

</narrative>

<displayx>-420</displayx>

<displayy>-30</displayy>

<displaywidth>270</displaywidth>

<displayheight>60</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Surname" type="text"/>

<field name="Forename" type="text"/>

<field name="Director" type="text"/>

<field name="Genre" type="text"/>

<field name="Era" type="text"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Surname" type="text" value="Scissorhands"/>

<field name="Forename" type="text" value="Edward"/>

<field name="Director" type="text" value="Tim Burton"/>

<field name="Genre" type="text" value="Weird"/>
```

<field name="Era" type="text" value="90's"/>

</row>

<row>

<field name="Surname" type="text" value="Todd"/>

<field name="Forename" type="text" value="Sweeney"/>

<field name="Director" type="text" value="Tim Burton"/>

<field name="Genre" type="text" value="Musical"/>

<field name="Era" type="text" value="00's"/>

</row>

<row>

<field name="Surname" type="text" value="Demarco"/>

<field name="Forename" type="text" value="Juan"/>

<field name="Director" type="text" value="Jeremy Leven"/>

<field name="Genre" type="text" value="Book Adaptation"/>

<field name="Era" type="text" value="90's"/>

</row>

<row>

<field name="Surname" type="text" value="Wood"/>

<field name="Forename" type="text" value="Ed"/>

<field name="Director" type="text" value="Tim Burton"/>

<field name="Genre" type="text" value="Biopic"/>

<field name="Era" type="text" value="90's"/>

</row>

<row>

<field name="Surname" type="text" value="Grape"/>

<field name="Forename" type="text" value="Gilbert"/>

<field name="Director" type="text" value="Lasse Halstrom"/>

<field name="Genre" type="text" value="Book Adaptation"/>

<field name="Era" type="text" value="90's"/>

</row>

<row>

<field name="Surname" type="text" value="Brasco"/>

<field name="Forename" type="text" value="Donnie"/>

<field name="Director" type="text" value="Mike Newell"/>

<field name="Genre" type="text" value="Book Adaptation"/>

<field name="Era" type="text" value="90's"/>

</row>

<row>

<field name="Surname" type="text" value="Baby"/>

<field name="Forename" type="text" value="Cry"/>

<field name="Director" type="text" value="John Waters"/>

<field name="Genre" type="text" value="Comedy"/>

<field name="Era" type="text" value="80's"/>

</row>

<row>

<field name="Surname" type="text" value="Noodlemantra"/>

<field name="Forename" type="text" value="Oprah"/>

<field name="Director" type="text" value="Rachel Talalay"/>

<field name="Genre" type="text" value="Horror"/>

<field name="Era" type="text" value="90's"/>

</row>

</initialvalue>

</stage>

<stage stageid="641807b8-f4cc-4b9d-89ed-a8dac413b096" name="Get Next Item" type="Action">

```
<narrative>

</narrative>

<displayx>420</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>848eb888-134a-4a90-95bb-99fe37446620</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="34910e72-6b4a-4ec6-8ff2-dc040a2f2509" name="ID" type="Data">

<narrative>

</narrative>

<displayx>-480</displayx>

<displayy>75</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>
```

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="5d64aa07-ec0e-4d7c-a3a8-82bb1f8b0df4" name="Current Item" type="Collection">

<narrative>

</narrative>

<displayx>-420</displayx>

<displayy>30</displayy>

<displaywidth>270</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="848eb888-134a-4a90-95bb-99fe37446620" name="Something to process?" type="Decision">

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>-30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[ID]&lt;&gt;&quot;&quot;"/>

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<ontrue>bc57a0cd-2978-4174-a8d0-b2f9f5eb82a8</ontrue>

<onfalse>fd6f9fc4-8df0-4fbd-8ac6-ef5ca2687a1e</onfalse>

</stage>

<stage stageid="b1853a6c-b2e3-4516-8035-50ade51e6a24" name="Add Director Tag" type="Action">

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>60</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[ID]"/>

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>15842199-a8e1-4c9c-8a1e-59544d765e4f</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="cf13911d-d15c-401c-b59f-92c4ed6e6a1a" name="Director" type="Data">

<narrative>

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<private/>

<alwaysinit/>

</stage>

<stage stageid="9eb855d1-8390-4137-a2c6-f6056ab1d2a0" name="Genre" type="Data">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="917e4a27-a3b8-4947-90d0-cbcbb5bd1f94" name="Era" type="Data">

<narrative>

</narrative>

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<initialvalue/>
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<private/>

<alwaysinit/>

</stage>

<stage stageid="bc57a0cd-2978-4174-a8d0-b2f9f5eb82a8" name="Cast Collection Columns" type="Multip

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<onsuccess>b1853a6c-b2e3-4516-8035-50ade51e6a24</onsuccess>

<steps>

<calculation expression="[Current Item.Director]" stage="Director"/>

<calculation expression="[Current Item.Genre]" stage="Genre"/>

<calculation expression="[Current Item.Era]" stage="Era"/>

</steps>

</stage>

<stage stageid="15842199-a8e1-4c9c-8a1e-59544d765e4f" name="Add Genre Tag" type="Action">

<narrative>

</narrative>

<displayx>420</displayx>

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<displayheight>30</displayheight>

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

<inputs>
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<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[ID]"/>

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>6d174d6f-e164-42ed-b3e9-b715a14f8ee6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="6d174d6f-e164-42ed-b3e9-b715a14f8ee6" name="Add Era Tag" type="Action">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[ID]"/>

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>7f7a868b-9150-4a39-b90a-b1cbff4b0c5</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="7764b41e-b69a-420f-b9e1-825fd27d2b68" name="Create (If Not Exists) Depp Queue" typ

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" expr="&quot;Depp Test Queue&quot;"/>

<input type="text" name="Key Field" expr="&quot;Surname&quot;"/>

</inputs>

<outputs>

<output type="flag" name="Success" stage=""/>

</outputs>

<onsuccess>aca5f95e-adcb-4768-b518-86fe6c8bfc66</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>

<stage stageid="d86e56a9-562e-45d3-a800-2d0226ab71c1" name="Get Next Item" type="Action">

<narrative>

</narrative>

<displayx>1650</displayx>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&quot;q

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro
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```
<output type="text" name="Status" narrative="The status of the item." stage="" />

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item." stage="" />

</outputs>

<onsuccess>a57fc4c6-c4bc-46e8-9375-c4ceb9d65f2d</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item" />

</stage>

<stage stageid="a57fc4c6-c4bc-46e8-9375-c4ceb9d65f2d" name="Something to process?" type="Decision" />

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<decision expression="[ID]&lt;&gt;&quot;&quot;" />

<ontrue>e336c27d-118b-4cf0-87ca-517fd62838cc</ontrue>

<onfalse>cec9ad00-545d-41a6-a2d8-64bba2428518</onfalse>

</stage>

<stage stageid="7f27c2e4-730b-4171-af48-865dcf8437d5" name="Remove Director Tag" type="Action" />

<narrative>

</narrative>

<displayx>1650</displayx>

<displayy>30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>
```

```
<input type="text" name="Item ID" narrative="The ID of the queue item to remove the tag from" expr="[ID]"
<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with
</inputs>

<onsuccess>ecadd279-ab38-4b93-801a-ebc22ceafbc8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="e336c27d-118b-4cf0-87ca-517fd62838cc" name="Cast Collection Columns" type="Multiple">
<narrative>
</narrative>

<displayx>1650</displayx>
<displayy>-15</displayy>
<displaywidth>150</displaywidth>
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<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>7f27c2e4-730b-4171-af48-865dcf8437d5</onsuccess>

<steps>
<calculation expression="[Current Item.Director]" stage="Director"/>
<calculation expression="[Current Item.Genre]" stage="Genre"/>
<calculation expression="[Current Item.Era]" stage="Era"/>
</steps>
</stage>

<stage stageid="ecadd279-ab38-4b93-801a-ebc22ceafbc8" name="Remove Genre Tag" type="Action">
<narrative>
</narrative>

<displayx>1650</displayx>
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<displaywidth>90</displaywidth>
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```
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<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to remove the tag from" expr="[ID]"

<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with

</inputs>

<onsuccess>41db4a15-978b-40de-b2a3-f7844e545ad0</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="41db4a15-978b-40de-b2a3-f7844e545ad0" name="Remove Era Tag" type="Action">

<narrative>

</narrative>

<displayx>1650</displayx>

<displayy>120</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to remove the tag from" expr="[ID]"

<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with

</inputs>

<onsuccess>b2f9eabc-5a0f-49ba-affa-1d3b6c5cac5a</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="b2f9eabc-5a0f-49ba-affa-1d3b6c5cac5a" name="Remove Nonsense Tag" type="Action">

<narrative>

</narrative>
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<displayheight>30</displayheight>

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<inputs>

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<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with

</inputs>

<onsuccess>0ae3a77d-7d04-4f2e-9266-c28d10f4bbcf</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="04fa11b2-42ea-490a-b191-32e2b46b9521" name="End1" type="End">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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</stage>

<stage stageid="95c6177c-8b84-4d3b-9158-81781b9efa2d" name="Delete it" type="Action">

<narrative>

</narrative>

<displayx>1800</displayx>

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<displaywidth>90</displaywidth>

```
<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to delete. An error will be raised if this item

</inputs>

<onsuccess>b086a847-5669-4d58-923e-ebc95227eb03</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Delete Item"/>

</stage>

<stage stageid="cd6529fc-f407-4892-a49b-554ace8f165c" name="anchor4" type="Anchor">

<narrative>

</narrative>

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<onsuccess>641807b8-f4cc-4b9d-89ed-a8dac413b096</onsuccess>

</stage>

<stage stageid="0ae3a77d-7d04-4f2e-9266-c28d10f4bbcf" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>1575</displayx>

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

<onsuccess>27a95e95-6684-441c-b381-be069c80c3d4</onsuccess>
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</stage>

<stage stageid="27a95e95-6684-441c-b381-be069c80c3d4" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>1575</displayx>

<displayy>-105</displayy>

<displaywidth>10</displaywidth>

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

<onsuccess>d86e56a9-562e-45d3-a800-2d0226ab71c1</onsuccess>

</stage>

<stage stageid="cec9ad00-545d-41a6-a2d8-64bba2428518" name="anchor5" type="Anchor">

<narrative>

</narrative>

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<displayy>-60</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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<onsuccess>fdecfa30-ac55-4bb5-aa17-ba8afd657075</onsuccess>

</stage>

<stage stageid="9e20fe12-2e16-417c-8079-1dd332c55ebd" name="Worked Items" type="Collection">

<narrative>

</narrative>

<displayx>-420</displayx>

<displayy>180</displayy>

<displaywidth>270</displaywidth>
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```
<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

<field name="Director" type="text"/>

</collectioninfo>

</stage>

<stage stageid="7f7a868b-9150-4a39-b90a-b1cbff4b0c5" name="Add Worked Item Row" type="Action">

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>195</displayy>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection to be modified" expr="&a

</inputs>

<onsuccess>dff69d30-47da-4b45-a26b-576ada24611b</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Add Row"/>

</stage>

<stage stageid="dff69d30-47da-4b45-a26b-576ada24611b" name="Worked Items[Current] = ID" type="Ca

<narrative>

</narrative>
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<displayheight>30</displayheight>

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<onsuccess>3b5de50a-134f-4b81-9824-e5377bec3b54</onsuccess>

<calculation expression="[ID]" stage="Worked Items.Item ID"/>

</stage>

<stage stageid="c98d8d8f-8162-4400-943d-f9ccab0477c2" name="For each worked item" type="LoopStar

<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>cc56243c-5002-44ec-82a2-ddc553006edd</onsuccess>

<groupid>3ec98400-c707-4826-b670-a2a4c32a32c3</groupid>

<looptype>ForEach</looptype>

<loopdata>Worked Items</loopdata>

</stage>

<stage stageid="ea428812-e20f-4ee2-9ecd-8b0c8bc68248" name="End For" type="LoopEnd">

<narrative>

</narrative>

<displayx>615</displayx>

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<displaywidth>120</displaywidth>

```
<displayheight>30</displayheight>

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<onsuccess>69363f66-909c-46f4-b2fa-7ddd7bdb48e1</onsuccess>

<groupid>3ec98400-c707-4826-b670-a2a4c32a32c3</groupid>

</stage>

<stage stageid="cc56243c-5002-44ec-82a2-ddc553006edd" name="Unlock it" type="Action">

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</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action c

</outputs>

<onsuccess>ea428812-e20f-4ee2-9ecd-8b0c8bc68248</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="fdecfa30-ac55-4bb5-aa17-ba8afd657075" name="For each worked item" type="LoopStart

<narrative>

</narrative>

<displayx>1800</displayx>

<displayy>-15</displayy>
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<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>59f696cf-6c90-4946-8751-89b407cf5f3f</onsuccess>

<groupid>2e1c205c-71fc-4208-a71c-1b978089f858</groupid>

<looptype>ForEach</looptype>

<loopdata>Worked Items</loopdata>

</stage>

<stage stageid="b086a847-5669-4d58-923e-ebc95227eb03" name="End For" type="LoopEnd">

<narrative>

</narrative>

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<displaywidth>120</displaywidth>

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<onsuccess>faac2728-0c74-4adc-acfe-4723f1f2a942</onsuccess>

<groupid>2e1c205c-71fc-4208-a71c-1b978089f858</groupid>

</stage>

<stage stageid="59f696cf-6c90-4946-8751-89b407cf5f3f" name="Unlock it" type="Action">

<narrative>

</narrative>

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<displayy>30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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```
<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action o

</outputs>

<onsuccess>95c6177c-8b84-4d3b-9158-81781b9efa2d</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="69363f66-909c-46f4-b2fa-7ddd7bdb48e1" name="Get Next Tim Burton Item" type="Action

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite
```

```
</outputs>

<onsuccess>ceac11ba-d76b-4396-a07d-2dc6120dc7fb</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="ceac11ba-d76b-4396-a07d-2dc6120dc7fb" name="Something to process?" type="Decision" />

<narrative>

</narrative>

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

<decision expression="[ID]&lt;&gt;&quot;&quot;"/>

<ontrue>68f34e43-4e78-4281-8e0d-bf5871a334cf</ontrue>

<onfalse>535eed65-3c32-447a-bb37-398c9acdfc76</onfalse>

</stage>

<stage stageid="e6a4311d-65ce-4b31-89c0-a4354bb0b9ac" name="Tim Burton Expected Count" type="Display" />

<narrative>Number of Tim Burton films in Depps</narrative>

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

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<private/>

<alwaysinit/>
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</stage>

<stage stageid="37c0d6d4-7301-4124-8959-53672396e938" name="Tim Burton Actual Count" type="Data">

<narrative>Number of Tim Burton films in Depps</narrative>

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<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="68f34e43-4e78-4281-8e0d-bf5871a334cf" name="Tim Burton ++" type="Calculation">

<narrative>

</narrative>

<displayx>615</displayx>

<displayy>120</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>5f836f9f-000d-4358-a0ad-c222641f7194</onsuccess>

<calculation expression="[Tim Burton Actual Count]+1" stage="Tim Burton Actual Count"/>

</stage>

<stage stageid="5f836f9f-000d-4358-a0ad-c222641f7194" name="anchor5" type="Anchor">

<narrative>

</narrative>
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<displaywidth>10</displaywidth>

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

<onsuccess>513fa353-0332-4612-ba7b-11f67adc9dd1</onsuccess>

</stage>

<stage stageid="513fa353-0332-4612-ba7b-11f67adc9dd1" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>540</displayx>

<displayy>30</displayy>

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<displayheight>10</displayheight>

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<onsuccess>69363f66-909c-46f4-b2fa-7ddd7bdb48e1</onsuccess>

</stage>

<stage stageid="7091afd8-1a73-4dab-b306-712e88475bfb" name="Note1" type="Note">

<narrative>Create the queue and add the Depps to it</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

</stage>

<stage stageid="fd6f9fc4-8df0-4fbd-8ac6-ef5ca2687a1e" name="anchor5" type="Anchor">

<narrative>



```
</narrative>

<displayx>495</displayx>

<displayy>-30</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>23cf20cb-6f80-4afe-9ece-a7fd4fe9674b</onsuccess>

</stage>

<stage stageid="23cf20cb-6f80-4afe-9ece-a7fd4fe9674b" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>495</displayx>

<displayy>-105</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>c98d8d8f-8162-4400-943d-f9ccab0477c2</onsuccess>

</stage>

<stage stageid="6a5e13c2-5014-46e1-b45b-1de96fe5acbf" name="Note2" type="Note">

<narrative>Add the tags</narrative>

<displayx>300</displayx>

<displayy>285</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

<onsuccess>cd6529fc-f407-4892-a49b-554ace8f165c</onsuccess>

</stage>
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<stage stageid="dfe86e32-a34a-4107-8c92-8d99ca023f9a" name="Note3" type="Note">

<narrative>Unlock all so we can go through and get them again</narrative>

<displayx>615</displayx>

<displayy>-150</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

</stage>

<stage stageid="ccc04c2c-41af-4e64-b39b-6905c6ffa3ef" name="Note4" type="Note">

<narrative>Filter on Tim Burton - check correct count returned</narrative>

<displayx>720</displayx>

<displayy>30</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

</stage>

<stage stageid="85a75da8-fe35-4728-b57a-acb7c9fd6af7" name="Note5" type="Note">

<narrative>Remove tags</narrative>

<displayx>1515</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

<onsuccess>27a95e95-6684-441c-b381-be069c80c3d4</onsuccess>

</stage>

<stage stageid="7afe47f2-d246-4d72-b535-c20b56f90d1b" name="Note6" type="Note">

<narrative>Unlock and delete all items</narrative>

<displayx>1920</displayx>

<displayy>15</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

</stage>

<stage stageid="332e3748-ec3a-4333-8a89-9c53e33fdcf4" name="For each worked item" type="LoopStar

<narrative>

</narrative>

<displayx>615</displayx>

<displayy>165</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="FF6600"/>

<onsuccess>e0298006-38a1-4231-92b6-f6c7cd1d083f</onsuccess>

<groupid>5c47139a-a2ce-4a46-8d08-b5ba0630b771</groupid>

<looptype>ForEach</looptype>

<loopdata>Worked Items</loopdata>

</stage>

<stage stageid="61a97745-1342-4d82-9efa-8105271520dd" name="End For" type="LoopEnd">

<narrative>

</narrative>

<displayx>615</displayx>

<displayy>360</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="FF6600"/>

```
<onsuccess>59267a78-d20d-47b1-b62d-8a3cf1024842</onsuccess>

<groupid>5c47139a-a2ce-4a46-8d08-b5ba0630b771</groupid>

</stage>

<stage stageid="ddbb951f-d950-4545-b24c-12af6d878c6c" name="Unlock it" type="Action">

<narrative>

</narrative>

<displayx>615</displayx>

<displayy>300</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action c

</outputs>

<onsuccess>eac1a21a-8da7-42c9-bd6a-6ca35cc14138</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="e0298006-38a1-4231-92b6-f6c7cd1d083f" name="Is it washed out colours with lots of bla

<narrative>

</narrative>

<displayx>615</displayx>

<displayy>210</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>
```

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<decision expression="[Worked Items.Director] = &quot;Tim Burton&quot;"/>
<ontrue>c244c5d6-09be-4f26-b9a2-f288a04f459c</ontrue>
<onfalse>9c73b2eb-5747-4483-af58-4ec9068eceb2</onfalse>
</stage>
<stage stageid="c244c5d6-09be-4f26-b9a2-f288a04f459c" name="Note7" type="Note">
<narrative>That's Tim, all right</narrative>
<displayx>615</displayx>
<displayy>255</displayy>
<displaywidth>120</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>ddeb951f-d950-4545-b24c-12af6d878c6c</onsuccess>
</stage>
<stage stageid="9c73b2eb-5747-4483-af58-4ec9068eceb2" name="anchor5" type="Anchor">
<narrative>
</narrative>
<displayx>705</displayx>
<displayy>210</displayy>
<displaywidth>10</displaywidth>
<displayheight>10</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>705bdf15-88b4-418e-afcf-897fee8ee70f</onsuccess>
</stage>
<stage stageid="86763319-09c6-4a23-ad3f-c6a51915ff4b" name="anchor5" type="Anchor">
<narrative>
</narrative>
```

<displayx>705</displayx>

<displayy>165</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>332e3748-ec3a-4333-8a89-9c53e33fdc4</onsuccess>

</stage>

<stage stageid="535eed65-3c32-447a-bb37-398c9acdfc76" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>75</displayy>

<displaywidth>10</displaywidth>

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<onsuccess>86763319-09c6-4a23-ad3f-c6a51915ff4b</onsuccess>

</stage>

<stage stageid="8bae2e34-aebb-425f-8381-c3d1f30ff943" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>765</displayx>

<displayy>-105</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>b3a1cf32-7b56-46a9-b701-df134a633b56</onsuccess>

</stage>

<stage stageid="59267a78-d20d-47b1-b62d-8a3cf1024842" name="Correct Count?" type="Decision">

<narrative>

</narrative>

<displayx>765</displayx>

<displayy>360</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Tim Burton Expected Count]=[Tim Burton Actual Count]"/>

<ontrue>8bae2e34-aebb-425f-8381-c3d1f30ff943</ontrue>

<onfalse>0a74e657-79c3-41a8-86ec-0d1702ab0869</onfalse>

</stage>

<stage stageid="0a74e657-79c3-41a8-86ec-0d1702ab0869" name="Bad Tim Burton Count" type="Exception">

<narrative>

</narrative>

<displayx>885</displayx>

<displayy>360</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Queue Test Failed" detail="&quot;Expected &quot; &amp; [Tim Burton Ex

</stage>

<stage stageid="3b5de50a-134f-4b81-9824-e5377bec3b54" name="Worked Items[Current] = Director" typ

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>285</displayy>

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<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>6a5e13c2-5014-46e1-b45b-1de96fe5acbf</onsuccess>

<calculation expression="[Director]" stage="Worked Items.Director"/>

</stage>

<stage stageid="705bdf15-88b4-418e-afcf-897fee8ee70f" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>705</displayx>

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<onsuccess>eac1a21a-8da7-42c9-bd6a-6ca35cc14138</onsuccess>

</stage>

<stage stageid="eac1a21a-8da7-42c9-bd6a-6ca35cc14138" name="anchor5" type="Anchor">

<narrative>

</narrative>

<displayx>615</displayx>

<displayy>330</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>61a97745-1342-4d82-9efa-8105271520dd</onsuccess>

</stage>

<stage stageid="6e3538bf-e8fc-4102-bf57-cc14e3c2a863" name="Item IDs" type="Collection">
```



<narrative>

</narrative>

<displayx>-435</displayx>

<displayy>315</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="26043e58-29b4-462d-bf76-5820e7a72b6a" name="Loop to third returned Item ID" type="Loop">

<narrative>

</narrative>

<displayx>60</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="800080"/>

<onsuccess>31b68cb5-b136-4117-9a1a-33cc1fb22fff</onsuccess>

<groupid>d5a5fbbf-e08d-440b-aa96-a7d7b66635ad</groupid>

<looptype>ForEach</looptype>

<loopdata>Item IDs</loopdata>

</stage>

<stage stageid="ae06de9e-967b-435e-8719-4e839da4cca7" name="End Loop" type="LoopEnd">

<narrative>

</narrative>

<displayx>60</displayx>

<displayy>30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="800080"/>

<onsuccess>cc598108-d0dd-436b-9a1f-fa2faadc0c05</onsuccess>

<groupid>d5a5fbbf-e08d-440b-aa96-a7d7b66635ad</groupid>

</stage>

<stage stageid="1331edce-ead3-4895-b3f9-d8f28eb5c3a4" name="loopcount" type="Data">

<narrative>

</narrative>

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<datatype>number</datatype>

<initialvalue>0</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="31b68cb5-b136-4117-9a1a-33cc1fb22fff" name="loopcount ++" type="Calculation">

<narrative>

</narrative>

<displayx>60</displayx>

<displayy>-60</displayy>

<displaywidth>90</displaywidth>

```
<displayheight>30</displayheight>

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

<onsuccess>2f7a5169-de4a-4b3a-b4e7-47bda9fdab40</onsuccess>

<calculation expression="[loopcount] + 1" stage="loopcount"/>

</stage>

<stage stageid="2f7a5169-de4a-4b3a-b4e7-47bda9fdab40" name="Looped to 3?" type="Decision">

<narrative>

</narrative>

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<displayy>-15</displayy>

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<displayheight>30</displayheight>

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

<decision expression="[loopcount] = 3"/>

<ontrue>7e6bfde8-f25c-4bed-95fc-f621bd2f0aaf</ontrue>

<onfalse>ae06de9e-967b-435e-8719-4e839da4cca7</onfalse>

</stage>

<stage stageid="7e6bfde8-f25c-4bed-95fc-f621bd2f0aaf" name="Add &quot;afterthought&quot; to item">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>-15</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Item IDs.It
```

```
<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p
</inputs>

<onsuccess>0f3b9d31-4e0a-452d-a2a7-2a0424c5e4c4</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="63da233b-8be5-4e3f-beed-41dcbf01e6fc" name="Note2" type="Note">

<narrative>Check returned Item ID coll is valid &amp;&amp; add tag without lock works</narrative>

<displayx>-180</displayx>

<displayy>-45</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

</stage>

<stage stageid="cc598108-d0dd-436b-9a1f-fa2faadc0c05" name="Bad Item ID Count" type="Exception">

<narrative>

</narrative>

<displayx>195</displayx>

<displayy>30</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Queue Test Failed" detail="&quot;Bad returned Item ID count when adding to queue

</stage>

<stage stageid="0f3b9d31-4e0a-452d-a2a7-2a0424c5e4c4" name="Get Next Item (with afterthought)" type=

<narrative>

</narrative>

<displayx>-60</displayx>
```

```
<display>30</display>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&quot;Queue Name" value="Queue Name" />

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." expr="&quot;Key Filter" value="Key Filter" />

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the format of <tag>.*" expr="&quot;Tag Filter" value="Tag Filter" />

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available." expr="&quot;Item ID" value="Item ID" />

<output type="collection" name="Data" narrative="The data associated with the item - a single collection row." expr="&quot;Data" value="Data" />

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item." stage=""/>

</outputs>

<onsuccess>a8a7f097-acf3-420b-b90a-22eea205a967</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="a8a7f097-acf3-420b-b90a-22eea205a967" name="Afterthought?" type="Decision">

<narrative>

</narrative>

<displayx>-60</displayx>

<display>75</display>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[ID] &lt;&gt; &quot;&quot;"/>
```

```
<ontrue>e98d82ae-c5de-4c14-a7db-19b6451c5281</ontrue>

<onfalse>6caa3c5b-3444-4859-bcc7-1e178e9a6231</onfalse>

</stage>

<stage stageid="e98d82ae-c5de-4c14-a7db-19b6451c5281" name="Detag it" type="Action">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>120</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to remove the tag from" expr="[ID]"

<input type="text" name="Tag" narrative="The tag to remove from the item. Note that this cannot start with

</inputs>

<onsuccess>070d610a-8899-4e96-a2bd-e0fd1dd3ebfa</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Untag Item"/>

</stage>

<stage stageid="070d610a-8899-4e96-a2bd-e0fd1dd3ebfa" name="Unlock it" type="Action">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>165</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>
```

```
<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" expr="&id" />
</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action" expr="!&islocked" />
</outputs>

<onsuccess>60b279bc-08e5-495a-841f-c2b4b80f14cd</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item" />

</stage>

<stage stageid="60b279bc-08e5-495a-841f-c2b4b80f14cd" name="Get Next Item (with afterthought)" type="Action" />

<narrative>

</narrative>

<displayx>-60</displayx>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&qname" />
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." expr="&keyfilter" />
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the format of <tag>[<mask>] where <tag> is the tag name and <mask> is the mask. Only items with this tag and mask will be returned." expr="&tagfilter" />
</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" expr="&id" />
<output type="collection" name="Data" narrative="The data associated with the item - a single collection of data" expr="&data" />
<output type="text" name="Status" narrative="The status of the item." stage=""/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" expr="&attempts" />
</outputs>
```

```
<onsuccess>64ae869a-12ee-4588-bd8b-2cd175838db0</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="64ae869a-12ee-4588-bd8b-2cd175838db0" name="Afterthought?" type="Decision">

<narrative>Check against the ID on which we inserted it - there may be leftover items from previous aborted

<displayx>-60</displayx>

<displayy>255</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[ID] = [Item IDs.Item ID]"/>

<ontrue>b88fec1e-3292-4c87-83fd-459a5fc8c87c</ontrue>

<onfalse>07617f0b-e6f5-4e7f-8df2-b04c93c8ce16</onfalse>

</stage>

<stage stageid="6caa3c5b-3444-4859-bcc7-1e178e9a6231" name="No Afterthought Item" type="Exception">

<narrative>

</narrative>

<displayx>195</displayx>

<displayy>75</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Queue Test Failed" detail="&quot;Item &quot; &amp; [Item IDs.Item ID] &

</stage>

<stage stageid="b88fec1e-3292-4c87-83fd-459a5fc8c87c" name="D'oh! Afterthought Item" type="Exception">

<narrative>

</narrative>
```



<displayx>195</displayx>

<displayy>255</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Queue Test Failed" detail="&quot;Item &quot; &amp; [Item IDs.Item ID] &quot;  
</stage>

<stage stageid="dbdae4eb-9c40-4b12-a210-956100f487b9" name="Note2" type="Note">

<narrative>Basic checks to see that tag item and untag item work on individual level</narrative>

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<displayy>150</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Italic" color="008000"/>

</stage>

<stage stageid="07617f0b-e6f5-4e7f-8df2-b04c93c8ce16" name="anchor4" type="Anchor">

<narrative>

</narrative>

<displayx>-60</displayx>

<displayy>285</displayy>

<displaywidth>10</displaywidth>

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<onsuccess>6a5e13c2-5014-46e1-b45b-1de96fe5acbf</onsuccess>

</stage>

<stage stageid="5aaea62e-6f74-4902-9fed-35b0e1a3f00a" name="Note5" type="Note">

<narrative>Should no-op</narrative>

$$1665$$

$$210$$

$$90$$

$$30$$

*Tahoma 10 008000*

b2f9eabc-5a0f-49ba-affa-1d3b6c5cac5a

faac2728-0c74-4adc-acfe-4723f1f2a942 Leave No Witnesses Action

$$1800$$

$$240$$

$$120$$

$$30$$

Tahoma 10 Regular 000000

inputs

input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="&quot;De

04fa11b2-42ea-490a-b191-32e2b46b9521

Queue Utils Destroy Queue

b3a1cf32-7b56-46a9-b701-df134a633b56 Note8 Note

Some wildcard tests

(after bug 9555)

$$885$$

$$-105$$

$$90$$

```
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<onsuccess>6cddbc22-1687-4c98-bf19-5b3da4c1e2fe</onsuccess>

<breakpoint type="0">

<condition>

</condition>

</breakpoint>

</stage>

<stage stageid="6cddbc22-1687-4c98-bf19-5b3da4c1e2fe" name="Get Next Item (Tag Filter = *)" type="Action" >

<narrative>

</narrative>

<displayx>885</displayx>

<displayy>-60</displayy>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&queueName" />

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key will be returned." expr="&keyFilter" />

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any number of tags separated by a comma." expr="&tagFilter" />

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available." expr="&itemID" />

<output type="collection" name="Data" narrative="The data associated with the item - a single collection representing the item." expr="&data" />

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item." expr="&attempts" />

</outputs>
```

```
<onsuccess>55f5360c-679e-40d9-b671-4856e6aecfc9</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="55f5360c-679e-40d9-b671-4856e6aecfc9" name="Something to process?" type="Decision">

<narrative>

</narrative>

<displayx>885</displayx>

<displayy>-15</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[ID]&lt;&gt;&quot;&quot;"/>

<ontrue>2b0fe5c7-2571-4632-a0cb-4414378b8d13</ontrue>

<onfalse>e8698820-24f1-444f-9e7e-55979d5ba10c</onfalse>

</stage>

<stage stageid="e8698820-24f1-444f-9e7e-55979d5ba10c" name="Bad Wildcard Tag Match" type="Exception">

<narrative>

</narrative>

<displayx>990</displayx>

<displayy>-15</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Queue Test Failed" detail="&quot;Expected item when getting next with tag filter of

</stage>

<stage stageid="2b0fe5c7-2571-4632-a0cb-4414378b8d13" name="Unlock it" type="Action">

<narrative>
```

```
</narrative>

<displayx>885</displayx>

<displayy>30</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action o

</outputs>

<onsuccess>31b9bee4-6eb7-4e48-b9bb-e838ba112eeb</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="3230d677-3d62-48e1-ab76-9f899bc8e12d" name="Get Next Item (Tag Filter = Directed B

<narrative>"J*" matches Jeremy Leven and John Waters</narrative>

<displayx>1305</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>
```

```
<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available"/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection representing the data associated with the item"/>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item out"/>

</outputs>

<onsuccess>2a385d45-75f1-4261-91ce-7ad8a2dde72</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="2a385d45-75f1-4261-91ce-7ad8a2dde72" name="Something to process?" type="Decision"/>

<narrative>

</narrative>

<displayx>1305</displayx>

<displayy>-60</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[ID]&lt;&gt;&quot;&quot;"/>

<ontrue>3140c744-7579-46fb-a669-c4e2933cc33a</ontrue>

<onfalse>3ca29081-258a-482e-a2e0-36143052c0ff</onfalse>

</stage>

<stage stageid="fc87f316-83b1-4df8-ae6d-94fe167eb082" name="Wrong Count of J* Directors Found" type="Decision"/>

<narrative>

</narrative>

<displayx>1410</displayx>

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<displaywidth>90</displaywidth>
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```
<displayheight>30</displayheight>

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<exception type="Queue Test Failed" detail="&quot;Expected 2 items with tag filter of 'Directed by J*'

</stage>

<stage stageid="faa30f11-4a1b-4c19-91c0-6411926a3846" name="Something beginning with J?" type="D

<narrative>

</narrative>

<displayx>1305</displayx>

<displayy>75</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="StartsWith([Wildcard Items.Director], &quot;J&quot;)">

<ontrue>27369017-170e-4d34-9c2d-8a5e7fdb0d60</ontrue>

<onfalse>1eff9e33-d031-47b8-a965-c51730c257e9</onfalse>

</stage>

<stage stageid="1eff9e33-d031-47b8-a965-c51730c257e9" name="Non-J* Director returned" type="Excep

<narrative>

</narrative>

<displayx>1410</displayx>

<displayy>75</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Queue Test Failed" detail="&quot;Expected a director beginning with J with GetNex

</stage>

<stage stageid="3140c744-7579-46fb-a669-c4e2933cc33a" name="Add Wildcard Item" type="Action">
```

<narrative>

</narrative>

<displayx>1410</displayx>

<displayy>-60</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<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="&am

</inputs>

<onsuccess>f2af57fc-cffe-4478-b786-5a5a0db722b9</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Add Row"/>

</stage>

<stage stageid="c57f432b-8b3d-4727-a9b0-62c4b7b9cb13" name="Wildcard Items" type="Collection">

<narrative>

</narrative>

<displayx>1185</displayx>

<displayy>0</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

<field name="Director" type="text"/>



</collectioninfo>

</stage>

<stage stageid="f2af57fc-cffe-4478-b786-5a5a0db722b9" name="Add To Wildcard Items" type="MultipleC

<narrative>

</narrative>

<displayx>1410</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>3230d677-3d62-48e1-ab76-9f899bc8e12d</onsuccess>

<steps>

<calculation expression="[ID]" stage="Wildcard Items.Item ID"/>

<calculation expression="[Current Item.Director]" stage="Wildcard Items.Director"/>

<calculation expression="[Wildcard Item Count] + 1" stage="Wildcard Item Count"/>

</steps>

</stage>

<stage stageid="03522ddc-e981-4945-b6ff-73fa110ae38f" name="Wildcard Item Count" type="Data">

<narrative>

</narrative>

<displayx>1185</displayx>

<displayy>45</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>number</datatype>

<initialvalue>0</initialvalue>

```
<private/>

<alwaysinit/>

</stage>

<stage stageid="3ca29081-258a-482e-a2e0-36143052c0ff" name="Two items already added?" type="Decision">

  <narrative>

  </narrative>

  <displayx>1305</displayx>

  <displayy>-15</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

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

  <decision expression="[Wildcard Item Count] = 2"/>

  <ontrue>c4bb1d23-9f67-4f89-bc68-ab6676d89977</ontrue>

  <onfalse>fc87f316-83b1-4df8-ae6d-94fe167eb082</onfalse>

</stage>

<stage stageid="c4bb1d23-9f67-4f89-bc68-ab6676d89977" name="For Each Wildcard Item" type="LoopStage">

  <narrative>

  </narrative>

  <displayx>1305</displayx>

  <displayy>30</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

  <font family="Tahoma" size="10" style="Bold" color="0000FF"/>

  <onsuccess>faa30f11-4a1b-4c19-91c0-6411926a3846</onsuccess>

  <groupid>ecaa9d64-181a-421a-b4bc-b536a264c156</groupid>

  <looptype>ForEach</looptype>

  <loopdata>Wildcard Items</loopdata>
```

```
</stage>

<stage stageid="2c933a13-55c9-436c-9859-44b8b5d7098e" name="Next Wildcard Item" type="LoopEnd">

<narrative>

</narrative>

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<displayy>165</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Bold" color="0000FF"/>

<onsuccess>a0aae881-4b79-4ace-a246-00ed0d531f9d</onsuccess>

<groupid>ecaa9d64-181a-421a-b4bc-b536a264c156</groupid>

</stage>

<stage stageid="c8b6a7db-7e6d-4c4c-9453-6fbe713a8588" name="Note8" type="Note">

<narrative>There should be 2 items with directors starting with a J (Jeremy Leven and John Waters)</narrative>

<displayx>1185</displayx>

<displayy>-60</displayy>

<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Italic" color="339966"/>

</stage>

<stage stageid="27369017-170e-4d34-9c2d-8a5e7fdb0d60" name="Unlock it" type="Action">

<narrative>

</narrative>

<displayx>1305</displayx>

<displayy>120</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
```

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action c

</outputs>

<onsuccess>2c933a13-55c9-436c-9859-44b8b5d7098e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="a0aae881-4b79-4ace-a246-00ed0d531f9d" name="Anchor1" type="Anchor">

<narrative>

</narrative>

<displayx>1515</displayx>

<displayy>165</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

<font family="Tahoma" size="10" style="Regular" color="0000FF"/>

<onsuccess>85a75da8-fe35-4728-b57a-acb7c9fd6af7</onsuccess>

</stage>

<stage stageid="31b9bee4-6eb7-4e48-b9bb-e838ba112eeb" name="Get Next Item (Tag Filter = Z*)" type=

<narrative>

</narrative>

<displayx>885</displayx>

<displayy>75</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
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```
<font family="Tahoma" size="10" style="Regular" color="000000"/>

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. This can consist of any r

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>4ad33f0a-e763-485d-afee-d8d3b15134e6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="4ad33f0a-e763-485d-afee-d8d3b15134e6" name="Something to process?" type="Decision

<narrative>

</narrative>

<displayx>885</displayx>

<displayy>120</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[ID]&amp;lt;&amp;gt;&amp;quot;&amp;quot;"/>

<ontrue>35081eac-298a-4b13-a90f-39f44e349ef2</ontrue>

<onfalse>994c42df-3750-40c7-9098-86575ec8b096</onfalse>

</stage>
```

```
<stage stageid="35081eac-298a-4b13-a90f-39f44e349ef2" name="Bad Wildcard Tag Match" type="Exception">
  <narrative>
  </narrative>
  <displayx>990</displayx>
  <displayy>120</displayy>
  <displaywidth>90</displaywidth>
  <displayheight>30</displayheight>
  <font family="Tahoma" size="10" style="Regular" color="000000"/>
  <exception type="Queue Test Failed" detail="&quot;Expected nothing when getting next with tag filter" />
</stage>

<stage stageid="994c42df-3750-40c7-9098-86575ec8b096" name="anchor5" type="Anchor">
  <narrative>
  </narrative>
  <displayx>885</displayx>
  <displayy>165</displayy>
  <displaywidth>10</displaywidth>
  <displayheight>10</displayheight>
  <font family="Tahoma" size="10" style="Regular" color="000000"/>
  <onsuccess>2110b0b1-d70f-474d-8d66-2bc4c5a70f4b</onsuccess>
</stage>

<stage stageid="2110b0b1-d70f-474d-8d66-2bc4c5a70f4b" name="anchor5" type="Anchor">
  <narrative>
  </narrative>
  <displayx>1110</displayx>
  <displayy>165</displayy>
  <displaywidth>10</displaywidth>
  <displayheight>10</displayheight>
```

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>f0062c47-0ccc-4345-ba6f-d6258d3926ea</onsuccess>

</stage>

<stage stageid="f0062c47-0ccc-4345-ba6f-d6258d3926ea" name="anchor5" type="Anchor">

<narrative>

</narrative>

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<displayy>-105</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>
<onsuccess>3230d677-3d62-48e1-ab76-9f899bc8e12d</onsuccess>

</stage>

</process>

<process name="Test Queue Locking" version="1.0" narrative="Test to ensure that queue locking and unlo

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<subsheet subsheetid="32e609bb-fb2f-4cb7-bc90-747b679b149d" type="Normal" published="False">

<name>Test Get Pending</name>

<view>

<camerax>79</camerax>

<cameray>12</cameray>
```

<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="2c821c45-de73-4a9f-806d-153af271ca09" type="Normal" published="False">

<name>Setup Fish</name>

<view>

<camerax>207</camerax>

<cameray>-42</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<subsheet subsheetid="e65ab99c-abdd-4baa-b738-e63d41a8c866" type="Normal" published="False">

<name>Check Exists In Pending</name>

<view>

<camerax>0</camerax>

<cameray>0</cameray>

<zoom>1</zoom>

</view>

</subsheet>

<stage stageid="860775d0-91f8-44fe-9e4a-1316b29fa3ba" name="Start" type="Start">

<narrative>

</narrative>

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<displayy>-225</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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



<onsuccess>ff3f6311-1c73-475c-a5f2-210d6547a00b</onsuccess>

</stage>

<stage stageid="eb0a5ea4-7858-407b-b65f-94629e462815" name="End" type="End">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

</stage>

<stage stageid="ca0cb2f4-7ef6-471a-a2d5-31ffe15d1186" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>-240</displayy>

<displaywidth>180</displaywidth>

<displayheight>90</displayheight>

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</stage>

<stage stageid="ff3f6311-1c73-475c-a5f2-210d6547a00b" name="Create Fish" type="Action">

<narrative>

</narrative>

<displayx>0</displayx>

<displayy>-180</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="&qu

<input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a

<input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the qu

</inputs>

<outputs>

<output type="flag" name="Success" narrative="Whether the create call was successful or not" stage="Suc

<output type="text" name="Subprocess Output" narrative="The output from the automateg &quot;crea

</outputs>

<onsuccess>38cc28ba-c32b-4362-a241-ae1280c3121e</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>

<stage stageid="6d03fa86-5cf5-4afd-8a31-b805abd4c3e9" name="Success" type="Data">

<narrative>

</narrative>

<displayx>-255</displayx>

<displayy>-165</displayy>

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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="c15c102d-6e5f-4b27-bb8d-6eadb116af7b" name="Subprocess Output" type="Data">
```

```
<narrative>

</narrative>

<displayx>-165</displayx>

<displayy>-165</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="2f0a7614-eeba-435b-8b9f-abf128155999" name="Fish Bits" type="Collection">

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>-105</displayy>

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<displayheight>60</displayheight>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Species" type="text"/>

<field name="Taste Score" type="number"/>

<field name="Good Looks" type="number"/>
```

</collectioninfo>

<initialvalue>

<row>

<field name="Species" type="text" value="Cod"/>

<field name="Taste Score" type="number" value="6"/>

<field name="Good Looks" type="number" value="1"/>

</row>

<row>

<field name="Species" type="text" value="Sardine"/>

<field name="Taste Score" type="number" value="3"/>

<field name="Good Looks" type="number" value="1"/>

</row>

<row>

<field name="Species" type="text" value="Rainbow Trout"/>

<field name="Taste Score" type="number" value="7"/>

<field name="Good Looks" type="number" value="1"/>

</row>

<row>

<field name="Species" type="text" value="Tuna"/>

<field name="Taste Score" type="number" value="6"/>

<field name="Good Looks" type="number" value="1"/>

</row>

<row>

<field name="Species" type="text" value="Sea Bass"/>

<field name="Taste Score" type="number" value="9"/>

<field name="Good Looks" type="number" value="1"/>

</row>

<row>

<field name="Species" type="text" value="Monkfish"/>

<field name="Taste Score" type="number" value="8"/>

<field name="Good Looks" type="number" value="0"/>

</row>

<row>

<field name="Species" type="text" value="Coley"/>

<field name="Taste Score" type="number" value="4"/>

<field name="Good Looks" type="number" value="1"/>

</row>

<row>

<field name="Species" type="text" value="Dogfish"/>

<field name="Taste Score" type="number" value="1"/>

<field name="Good Looks" type="number" value="1"/>

</row>

</initialvalue>

</stage>

<stage stageid="38cc28ba-c32b-4362-a241-ae1280c3121e" name="Swim free, my friends" type="Action">

<narrative>

</narrative>

<displayx>0</displayx>

<displayy>-135</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q

```
<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to
<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c
<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number
<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q
<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c
</outputs>

<onsuccess>77f0eb28-8540-476b-b284-ed15769726d3</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="77f0eb28-8540-476b-b284-ed15769726d3" name="Look for locked fish" type="Action">

<narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are
<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E
</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum
</outputs>
```

```
<onsuccess>6f88690c-d114-472e-94ca-76cecd7b61b4</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="0516b6d0-038d-404b-93a4-28c5a1f3f407" name="Locked Items" type="Collection">

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>0</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

<field name="Locked" type="datetime"/>

</collectioninfo>

</stage>

<stage stageid="533c7f9d-c5f0-4ed0-9eeb-84d37f5842b8" name="Any there?" type="Decision">

<narrative>

</narrative>

<displayx>0</displayx>

<displayy>0</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>
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<decision expression="[Count] &gt; 0"/>
<ontrue>1fb5711f-70a3-4635-8a7f-026fbc40446f</ontrue>
<onfalse>20f98ace-4f51-4f31-a8e7-7c9dabc4ebcd</onfalse>
</stage>
<stage stageid="6f88690c-d114-472e-94ca-76cecd7b61b4" name="Count them" type="Action">
<narrative>
</narrative>
<displayx>0</displayx>
<displayy>-45</displayy>
<displaywidth>60</displaywidth>
<displayheight>30</displayheight>
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<inputs>
<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co
</inputs>
<outputs>
<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co
</outputs>
<onsuccess>533c7f9d-c5f0-4ed0-9eeb-84d37f5842b8</onsuccess>
<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>
</stage>
<stage stageid="ea1cf766-0dc7-4c53-b389-611a8e0ca72c" name="Count" type="Data">
<narrative>
</narrative>
<displayx>-210</displayx>
<displayy>45</displayy>
<displaywidth>60</displaywidth>
```



```
<displayheight>30</displayheight>

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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="53ec93d4-5744-474a-916d-70512cb20c00" name="Well, there shouldn't be." type="Exception">

<narrative>

</narrative>

<displayx>75</displayx>

<displayy>-270</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Fish found to be locked immediately after add

</stage>

<stage stageid="dcca30bc-d79d-4796-8188-59ad806509ee" name="Released IDs" type="Collection">

<narrative>

</narrative>

<displayx>-210</displayx>

<displayy>-45</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>
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<alwaysinit/>

</stage>

<stage stageid="441bbb8e-15f0-4f8e-98eb-f255f529c5a3" name="Catch a cod" type="Action">

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>-225</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q" />

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key" />

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the" />

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" />

<output type="collection" name="Data" narrative="The data associated with the item - a single collection of items" />

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" />

</outputs>

<onsuccess>e850b8d1-23fb-4b13-9d75-1adf4554b0ad</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="f400f80d-0b1b-4948-85da-fdb0c8c9a9f7" name="Setup Fish" type="SubSheetInfo">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>
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</narrative>

<displayx>-195</displayx>

<displayy>-105</displayy>

<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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</stage>

<stage stageid="90981d61-d221-4ea0-86c0-9172bd1bac4e" name="Start" type="Start">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>-270</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="collection" name="Released Fish" narrative="The fish that have been released which require

</inputs>

<onsuccess>7faa2582-91d8-4eeb-aa9e-90f1c8a0fc43</onsuccess>

</stage>

<stage stageid="96306dc2-1c24-470c-9342-48815bc9f6da" name="End" type="End">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>210</displayy>

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</stage>

<stage stageid="bd4c725d-4d85-456f-89b1-bdab4e7754b0" name="Released IDs" type="Collection">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="7faa2582-91d8-4eeb-aa9e-90f1c8a0fc43" name="For Each Released ID" type="LoopStar

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>-225</displayy>

<displaywidth>120</displaywidth>

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

<onsuccess>c05605e8-2ba1-4e9c-91ab-414ba4acd3c0</onsuccess>
```

```
<groupid>cd13aec0-b4cc-4c52-970e-87e9f4479aca</groupid>

<looptype>ForEach</looptype>

<loopdata>Released IDs</loopdata>

</stage>

<stage stageid="d7f16225-73a7-45c6-b251-4b1d49ceb5cf" name="Next Released ID" type="LoopEnd">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

<displayx>-30</displayx>

<displayy>165</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>96306dc2-1c24-470c-9342-48815bc9f6da</onsuccess>

<groupid>cd13aec0-b4cc-4c52-970e-87e9f4479aca</groupid>

</stage>

<stage stageid="c05605e8-2ba1-4e9c-91ab-414ba4acd3c0" name="Catch the fish" type="Action">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

<displayx>165</displayx>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to get data from. An error will be raised if t
```

</inputs>

<outputs>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item."/>

<output type="timespan" name="Worktime" narrative="The total time spent on this item (including previous attempts)."/>

<output type="timespan" name="Attempt Worktime" narrative="The amount of time spent on this particular attempt."/>

<output type="datetime" name="Loaded DateTime" narrative="The date and time at which this item was first loaded."/>

<output type="datetime" name="Deferred DateTime" narrative="The date and time at which this item has been deferred."/>

<output type="datetime" name="Completed DateTime" narrative="The date and time at which this item was completed."/>

<output type="datetime" name="Exception DateTime" narrative="The date and time at which this item was last exception."/>

<output type="text" name="Exception Reason" narrative="The exception reason recorded against this item."/>

<output type="text" name="Tags" narrative="The semi-colon separated set of tags which apply to the item."/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection record."/>

</outputs>

<onsuccess>b9d162d8-5f1f-4a9b-96a3-6933aaaf9b09</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Item Data"/>

</stage>

<stage stageid="b9d162d8-5f1f-4a9b-96a3-6933aaaf9b09" name="But does it taste good?" type="ChoiceSheet"/>

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

<displayx>165</displayx>

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<groupid>4bd33ecb-cf70-4ea3-be82-3ffb14e12331</groupid>

<choices>

<choice expression="[Fish Bit.Taste Score] &gt; 7">

<name>Finger Lickin' Good</name>

<distance>30</distance>

<ontrue>29048def-9b52-44f8-b5a3-a671c125e822</ontrue>

</choice>

<choice expression="[Fish Bit.Taste Score] &gt; 4">

<name>Pretty Tasty</name>

<distance>75</distance>

<ontrue>e5680f2d-be55-41ff-b7da-69e5d3ed20b0</ontrue>

</choice>

</choices>

</stage>

<stage stageid="e9ea01ba-14e7-4886-ad06-ac4932553271" name="I'll pass, ta" type="ChoiceEnd">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>165</displayx>

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<displayheight>30</displayheight>

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<onsuccess>2321bae5-62d8-4a90-b471-df2fff18311e</onsuccess>

<groupid>4bd33ecb-cf70-4ea3-be82-3ffb14e12331</groupid>

</stage>

<stage stageid="29048def-9b52-44f8-b5a3-a671c125e822" name="Tag as &quot;Taste: Scrummy&a

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

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<narrative>

</narrative>

<displayx>345</displayx>

<displayy>-150</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Released

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>2b2e0712-fd44-4bba-b424-d233965e2c48</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="e5680f2d-be55-41ff-b7da-69e5d3ed20b0" name="Tag as &quot;Taste: Not Bad&am

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Released

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>
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```
<onsuccess>db7aa735-7de7-4448-9622-e18bd59590d8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="2321bae5-62d8-4a90-b471-df2fff18311e" name="Tag as &quot;Taste: lck&quot;

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>345</displayx>

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<displaywidth>90</displaywidth>

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Released

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>0f065efe-f4c1-4472-ad5e-92f9ca8f51d8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="2b2e0712-fd44-4bba-b424-d233965e2c48" name="anchor1" type="Anchor">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

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<onsuccess>db7aa735-7de7-4448-9622-e18bd59590d8</onsuccess>

</stage>

<stage stageid="db7aa735-7de7-4448-9622-e18bd59590d8" name="anchor2" type="Anchor">

<subsHEETid>2c821c45-de73-4a9f-806d-153af271ca09</subsHEETid>

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>-105</displayy>

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<onsuccess>0f065efe-f4c1-4472-ad5e-92f9ca8f51d8</onsuccess>

</stage>

<stage stageid="0f065efe-f4c1-4472-ad5e-92f9ca8f51d8" name="anchor3" type="Anchor">

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<narrative>

</narrative>

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<onsuccess>8216b7f2-1249-4a62-960e-f7cdf7889ef4</onsuccess>

</stage>

<stage stageid="8216b7f2-1249-4a62-960e-f7cdf7889ef4" name="anchor4" type="Anchor">

<subsHEETid>2c821c45-de73-4a9f-806d-153af271ca09</subsHEETid>

<narrative>

</narrative>

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<onsuccess>1f92a2ab-36e0-495a-90be-709ca9093e93</onsuccess>

</stage>

<stage stageid="1f92a2ab-36e0-495a-90be-709ca9093e93" name="anchor5" type="Anchor">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

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<onsuccess>8f52ae6d-f0b5-4298-9d2d-31a6c9639ea6</onsuccess>

</stage>

<stage stageid="8f52ae6d-f0b5-4298-9d2d-31a6c9639ea6" name="But does it look good?" type="ChoiceS

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

<displayx>165</displayx>

<displayy>15</displayy>

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<groupid>4e79dd34-7411-44fd-a759-843a731a9313</groupid>

<choices>

<choice expression="[Fish Bit.Good Looks] &gt; 2">

<name>Are you sure it's a fish?</name>

<distance>30</distance>

<ontrue>9fb867fe-c468-43f9-827b-dbe2409abe78</ontrue>

</choice>

<choice expression="[Fish Bit.Good Looks] &gt; 0">

<name>Not bad, for a fish</name>

<distance>75</distance>

<ontrue>a22d0c50-7a6a-4961-aaf7-9d4dc0947390</ontrue>

</choice>

</choices>

</stage>

<stage stageid="64f41eb3-53e1-4049-953c-8d7e23092dae" name="Don't fancy yours much" type="Choice

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

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<onsuccess>4d5171d7-afbc-44a6-9f25-713b1c1940bc</onsuccess>

<groupid>4e79dd34-7411-44fd-a759-843a731a9313</groupid>
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</stage>

<stage stageid="9fb867fe-c468-43f9-827b-dbe2409abe78" name="Tag as &quot;Looks: Surprisingly

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Released

<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p

</inputs>

<onsuccess>dbd0ccaf-3762-47de-ac98-bc2dee951f92</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="a22d0c50-7a6a-4961-aaf7-9d4dc0947390" name="Tag as &quot;Looks: Average, fo

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>345</displayx>

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<inputs>

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<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Released
<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p
</inputs>

<onsuccess>9d40d8db-5448-42be-b366-5f160035c8db</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="4d5171d7-afbc-44a6-9f25-713b1c1940bc" name="Tag as &quot;Looks: lck&quot;qu
<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>345</displayx>

<displayy>135</displayy>

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to add the tag to" expr="[Released
<input type="text" name="Tag" narrative="The tag to add to the item. Note that this cannot start with a '+' (p
</inputs>

<onsuccess>f9559cb1-342e-4190-9127-07c21487608c</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Tag Item"/>

</stage>

<stage stageid="dbd0ccaf-3762-47de-ac98-bc2dee951f92" name="anchor1" type="Anchor">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

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<displayheight>10</displayheight>

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<onsuccess>9d40d8db-5448-42be-b366-5f160035c8db</onsuccess>

</stage>

<stage stageid="9d40d8db-5448-42be-b366-5f160035c8db" name="anchor2" type="Anchor">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

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<onsuccess>f9559cb1-342e-4190-9127-07c21487608c</onsuccess>

</stage>

<stage stageid="f9559cb1-342e-4190-9127-07c21487608c" name="anchor3" type="Anchor">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

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<onsuccess>108462d7-d80d-44a2-933d-b4dbe27ee9f5</onsuccess>

```
</stage>

<stage stageid="108462d7-d80d-44a2-933d-b4dbe27ee9f5" name="anchor4" type="Anchor">

<subsheetid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetid>

<narrative>

</narrative>

<displayx>420</displayx>

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<displaywidth>10</displaywidth>

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<onsuccess>d7f16225-73a7-45c6-b251-4b1d49ceb5cf</onsuccess>

</stage>

<stage stageid="20f98ace-4f51-4f31-a8e7-7c9dabc4ebcd" name="Setup Fish" type="SubSheet">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="collection" name="Released Fish" narrative="The fish that have been released which require

</inputs>

<onsuccess>23406e97-d9bc-4fbb-816a-a7037fefdcc2</onsuccess>

<processid>2c821c45-de73-4a9f-806d-153af271ca09</processid>

</stage>

<stage stageid="e8c29ced-8b99-4cf6-b360-c85a0ceead55" name="Item ID" type="Data">
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<narrative>

</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="09c8a331-88d8-4506-9f08-1e47d17d5702" name="Get a second cod" type="Action">

<narrative>

</narrative>

<displayx>180</displayx>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&amp;q

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

```
<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro
<output type="text" name="Status" narrative="The status of the item." stage=""/>
<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite
</outputs>

<onsuccess>b4de43c2-b37f-4148-bf38-6250f8db8074</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="60d9786a-f815-4475-b464-e396947022ce" name="Item ID II" type="Data">

<narrative>

</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="e850b8d1-23fb-4b13-9d75-1adf4554b0ad" name="Look for locked fish" type="Action">

<narrative>

</narrative>

<displayx>180</displayx>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E

</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum

</outputs>

<onsuccess>e010e35d-c44b-47ae-b2fe-0623b7a3c095</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="aaa7d672-43bc-40d1-82f3-12113a19ea9d" name="Just the one?" type="Decision">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<decision expression="[Count] = 1"/>

<ontrue>c5edcf19-e8ab-441c-a24b-c5de6fc63162</ontrue>

<onfalse>c788a079-0521-4ae8-a336-ba635385be35</onfalse>

</stage>

<stage stageid="e010e35d-c44b-47ae-b2fe-0623b7a3c095" name="Count them" type="Action">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>aaa7d672-43bc-40d1-82f3-12113a19ea9d</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="c788a079-0521-4ae8-a336-ba635385be35" name="There can be only one" type="Except

<narrative>

</narrative>

<displayx>300</displayx>

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<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Should be just one locked fish found after a s

</stage>

<stage stageid="b4de43c2-b37f-4148-bf38-6250f8db8074" name="Any more?" type="Decision">

<narrative>

</narrative>

<displayx>180</displayx>
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<displayy>90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Item ID II] &lt;&gt; &quot;&quot;"/>

<ontrue>4d712c96-9150-4325-80ca-61cde01328d6</ontrue>

<onfalse>34846b03-aa00-41af-bf58-fc98fde2ffc8</onfalse>

</stage>

<stage stageid="4d712c96-9150-4325-80ca-61cde01328d6" name="Well, there shouldn't be." type="Exception">

<narrative>

</narrative>

<displayx>300</displayx>

<displayy>90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Locking on GetNext didn't work. Items found : 0.">

</stage>

<stage stageid="34846b03-aa00-41af-bf58-fc98fde2ffc8" name="Look for really tasty locked fish" type="Action">

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>135</displayy>

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<inputs>

```
<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are
<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E
</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum
</outputs>

<onsuccess>9d7f1592-62fc-46b1-9ba9-37598898fc81</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="9d7f1592-62fc-46b1-9ba9-37598898fc81" name="Count them" type="Action">

<narrative>

</narrative>

<displayx>180</displayx>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>837cce1f-be40-436d-bbdb-77c76216fc76</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="837cce1f-be40-436d-bbdb-77c76216fc76" name="Any there?" type="Decision">
```

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>225</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] &gt; 0"/>

<ontrue>c2aec1a2-df76-40d6-b52e-410f4f05eaa5</ontrue>

<onfalse>abe28ba9-d0cc-4a0b-92f4-db4baf05de06</onfalse>

</stage>

<stage stageid="c2aec1a2-df76-40d6-b52e-410f4f05eaa5" name="Well, there shouldn't be." type="Exception">

<narrative>

</narrative>

<displayx>300</displayx>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Cod isn't that tasty - shouldn't be returned in C++&quot;" type="Exception">

</stage>

<stage stageid="1fb5711f-70a3-4635-8a7f-026fbc40446f" name="anchor6" type="Anchor">

<narrative>

</narrative>

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<onsuccess>53ec93d4-5744-474a-916d-70512cb20c00</onsuccess>

</stage>

<stage stageid="23406e97-d9bc-4fbb-816a-a7037fefdcc2" name="anchor6" type="Anchor">

<narrative>

</narrative>

<displayx>90</displayx>

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<onsuccess>695d746e-9520-4f75-8c7f-7ac3ada03dcd</onsuccess>

</stage>

<stage stageid="695d746e-9520-4f75-8c7f-7ac3ada03dcd" name="anchor6" type="Anchor">

<narrative>

</narrative>

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<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>441bbb8e-15f0-4f8e-98eb-f255f529c5a3</onsuccess>

</stage>

<stage stageid="abe28ba9-d0cc-4a0b-92f4-db4baf05de06" name="Look for quite nice locked fish" type="A

<narrative>

</narrative>



```
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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E

</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum

</outputs>

<onsuccess>ffecc9f-8b6a-40b0-81b8-e87091ae3cf0</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="ffecc9f-8b6a-40b0-81b8-e87091ae3cf0" name="Count them" type="Action">

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>315</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>
```

```
<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co
</outputs>

<onsuccess>fedd8695-6f69-4fba-9245-dd30b79bbc63</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="fedd8695-6f69-4fba-9245-dd30b79bbc63" name="Just the one?" type="Decision">

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>360</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] = 1"/>

<ontrue>94e9236b-20a5-4f4d-a000-977ac6dab212</ontrue>

<onfalse>fffa2107-eef0-4765-9b4c-51c38502101f</onfalse>

</stage>

<stage stageid="fffa2107-eef0-4765-9b4c-51c38502101f" name="There can be only one" type="Exception

<narrative>

</narrative>

<displayx>300</displayx>

<displayy>360</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Should be just one quite nice locked fish found

</stage>
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<stage stageid="4ee7ba7f-ed6f-4bba-bc4e-3c0dbde60c22" name="Catch an ugly one" type="Action">

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>-225</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="&#x26amp;q" />

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key" />

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the" />

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none available" />

<output type="collection" name="Data" narrative="The data associated with the item - a single collection record" />

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item" />

</outputs>

<onsuccess>2cd8f417-dd6a-45f3-a62a-bc3e2de3334c</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="94e9236b-20a5-4f4d-a000-977ac6dab212" name="anchor6" type="Anchor">

<narrative>

</narrative>

<displayx>180</displayx>

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<displayheight>10</displayheight>

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

<onsuccess>343187a3-29b7-4b52-abbc-62c9dab056d5</onsuccess>

</stage>

<stage stageid="343187a3-29b7-4b52-abbc-62c9dab056d5" name="anchor6" type="Anchor">

<narrative>

</narrative>

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<displayy>405</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>dbf2c4ca-951c-4769-990f-cac2c2cbefb6</onsuccess>

</stage>

<stage stageid="dbf2c4ca-951c-4769-990f-cac2c2cbefb6" name="anchor6" type="Anchor">

<narrative>

</narrative>

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<displayy>-225</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>4ee7ba7f-ed6f-4bba-bc4e-3c0dbde60c22</onsuccess>

</stage>

<stage stageid="2cd8f417-dd6a-45f3-a62a-bc3e2de3334c" name="Look for locked fish" type="Action">

<narrative>
```

```
</narrative>

<displayx>450</displayx>

<displayy>-180</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E

</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum

</outputs>

<onsuccess>814d0fe2-1615-4347-8468-a088169aa9ab</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="9756a283-02d1-4c51-aa2a-ef2cfcdee76e" name="Two, right?" type="Decision">

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>-90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Count] = 2"/>

<ontrue>5a5330ef-8c19-4ea4-a48f-20833092d275</ontrue>

<onfalse>557b3454-a96f-40d8-9c37-14d3302f45cc</onfalse>
```

```
</stage>

<stage stageid="814d0fe2-1615-4347-8468-a088169aa9ab" name="Count them" type="Action">

<narrative>

</narrative>

<displayx>450</displayx>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>9756a283-02d1-4c51-aa2a-ef2cfcdee76e</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="557b3454-a96f-40d8-9c37-14d3302f45cc" name="Two's company" type="Exception">

<narrative>

</narrative>

<displayx>570</displayx>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Should be two locked fish - found &quot;
```

```
</stage>

<stage stageid="46372808-eea5-4df7-a5eb-2f9b718cb2d8" name="Look for really tasty locked fish" type="Action">

  <narrative>

  </narrative>

  <displayx>450</displayx>

  <displayy>45</displayy>

  <displaywidth>120</displaywidth>

  <displayheight>30</displayheight>

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

  <inputs>

    <input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are" />

    <input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E" />

  </inputs>

  <outputs>

    <output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Column" />

  </outputs>

  <onsuccess>edf66092-695d-4e92-b161-74c5e7062c03</onsuccess>

  <resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="edf66092-695d-4e92-b161-74c5e7062c03" name="Count them" type="Action">

  <narrative>

  </narrative>

  <displayx>450</displayx>

  <displayy>90</displayy>

  <displaywidth>60</displaywidth>

  <displayheight>30</displayheight>

  <font family="Tahoma" size="10" style="Regular" color="000000"/>
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```
<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>fe4f78cb-fa4b-4224-bfff-882db51796dd</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="fe4f78cb-fa4b-4224-bfff-882db51796dd" name="Just the one?" type="Decision">

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>135</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] = 1"/>

<ontrue>05bd4c93-e63f-49df-8bbb-e895d57a2e1a</ontrue>

<onfalse>832d1be2-df8e-4d6c-a014-4ee40ccd4cc5</onfalse>

</stage>

<stage stageid="832d1be2-df8e-4d6c-a014-4ee40ccd4cc5" name="There can be only one" type="Exceptio

<narrative>

</narrative>

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<displaywidth>90</displaywidth>
```



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<exception type="Test Failure Exception" detail="&quot;Should be just tasty fish found after two GetN

</stage>

<stage stageid="05bd4c93-e63f-49df-8bbb-e895d57a2e1a" name="Look for quite nice locked fish" type="A

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>180</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E

</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum

</outputs>

<onsuccess>8f1bdd8f-9116-4834-94a9-f177561de7b2</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="3d7139c8-fbff-4802-bb42-28f347d625eb" name="Just the one?" type="Decision">

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>270</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] = 1"/>

<ontrue>d4a40a11-c88e-40fd-b266-9824ca359364</ontrue>

<onfalse>b9c40c43-6a4a-46a3-9d4c-766e5779b377</onfalse>

</stage>

<stage stageid="b9c40c43-6a4a-46a3-9d4c-766e5779b377" name="There can be only one" type="Except

<narrative>

</narrative>

<displayx>570</displayx>

<displayy>270</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Should be just one quite nice locked fish foun

</stage>

<stage stageid="d4a40a11-c88e-40fd-b266-9824ca359364" name="Look for edible locked fish" type="Acti

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>315</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are
```

```
<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E
</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum
</outputs>

<onsuccess>26b4cfa5-fb52-48d3-9f53-054973da215c</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="5460ab5b-7d32-4e65-8500-8a346bc3060c" name="Two, right?" type="Decision">

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>405</displayy>

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<displayheight>30</displayheight>

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<decision expression="[Count] = 2"/>

<ontrue>2a00bca4-986d-4ff1-9ae4-fe32ff81ba84</ontrue>

<onfalse>0ff6d50c-9bb8-4bc6-96f0-3606786f8729</onfalse>

</stage>

<stage stageid="0ff6d50c-9bb8-4bc6-96f0-3606786f8729" name="Two's company" type="Exception">

<narrative>

</narrative>

<displayx>570</displayx>

<displayy>405</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>
```

```
<font family="Tahoma" size="10" style="Regular" color="000000"/>
<exception type="Test Failure Exception" detail="&quot;Should be two edible locked fish - found &am
</stage>

<stage stageid="2a00bca4-986d-4ff1-9ae4-fe32ff81ba84" name="anchor6" type="Anchor">

<narrative>

</narrative>

<displayx>450</displayx>

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<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>9a24b4f2-1074-4941-b848-f8d4faca7b21</onsuccess>

</stage>

<stage stageid="9a24b4f2-1074-4941-b848-f8d4faca7b21" name="anchor6" type="Anchor">

<narrative>

</narrative>

<displayx>630</displayx>

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<displaywidth>10</displaywidth>

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<onsuccess>1369fc58-1967-4dd9-be0d-8d529708ee05</onsuccess>

</stage>

<stage stageid="1369fc58-1967-4dd9-be0d-8d529708ee05" name="anchor6" type="Anchor">

<narrative>

</narrative>

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```

```
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<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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<onsuccess>6377e2e5-e774-44b5-a0eb-49fd3cf2c4a5</onsuccess>

</stage>

<stage stageid="6377e2e5-e774-44b5-a0eb-49fd3cf2c4a5" name="Release the cod" type="Action">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>-225</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action c

</outputs>

<onsuccess>5565d0de-01bc-4757-80e5-ad6fcedb2445</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="a1a38e95-9407-4ae5-af8a-d4e879daf191" name="Unlocked" type="Data">

<narrative>

</narrative>

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<displayy>135</displayy>

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<displayheight>30</displayheight>

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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="b8258965-05c2-4e56-9989-d8e6df9d90db" name="Look for locked fish" type="Action">

<narrative>

</narrative>

<displayx>705</displayx>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E

</inputs>

<outputs>

<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Colum

</outputs>

<onsuccess>0592ddbc-49fc-4c8b-8ca6-11738e96508d</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>
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```
<stage stageid="bca83dee-811b-4d5e-9307-272b1df80d80" name="Just the one?" type="Decision">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>-45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] = 1"/>

<ontrue>eb86da83-0ab5-448b-be33-ec292f09b9da</ontrue>

<onfalse>b0bf82e2-8c42-454a-bd06-c11cb0934fbb</onfalse>

</stage>

<stage stageid="0592ddbc-49fc-4c8b-8ca6-11738e96508d" name="Count them" type="Action">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>-90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>bca83dee-811b-4d5e-9307-272b1df80d80</onsuccess>
```

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="b0bf82e2-8c42-454a-bd06-c11cb0934fbb" name="There can be only one" type="Exception">

<narrative>

</narrative>

<displayx>825</displayx>

<displayy>-45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception II" detail="&quot;Should be just one locked fish found after re

</stage>

<stage stageid="8f1bdd8f-9116-4834-94a9-f177561de7b2" name="Count them" type="Action">

<narrative>

</narrative>

<displayx>450</displayx>

<displayy>225</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>3d7139c8-fbff-4802-bb42-28f347d625eb</onsuccess>



```
<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="26b4cfa5-fb52-48d3-9f53-054973da215c" name="Count them" type="Action">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>5460ab5b-7d32-4e65-8500-8a346bc3060c</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="5565d0de-01bc-4757-80e5-ad6fcedb2445" name="Did we release it?" type="Decision">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>-180</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="000000"/>
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```
<decision expression="[Unlocked]"/>

<ontrue>b8258965-05c2-4e56-9989-d8e6df9d90db</ontrue>

<onfalse>ed9450b5-39a6-481e-8e29-5db2ce302383</onfalse>

</stage>

<stage stageid="ed9450b5-39a6-481e-8e29-5db2ce302383" name="Then who did?" type="Exception">

<narrative>

</narrative>

<displayx>825</displayx>

<displayy>-180</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Cod not unlocked by us...&quot;"/>

</stage>

<stage stageid="658b9591-c465-4232-b13c-ca96bef1b88f" name="Look for quite nice locked fish" type="A

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>90</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Tags" narrative="The semi-colon separated tags to filter the locked items with. E

</inputs>

<outputs>
```

```
<output type="collection" name="Locked Items" narrative="The currently locked items in the queue. Column 1 is the name of the item, column 2 is the time it has been locked for." />
</outputs>

<onsuccess>eae2dedd-a1a3-456c-a8d9-65a065e31866</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Locked Items"/>

</stage>

<stage stageid="eae2dedd-a1a3-456c-a8d9-65a065e31866" name="Count them" type="Action">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be counted." />

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Count them" />

</outputs>

<onsuccess>03b02b2b-3724-4560-b1af-d0d3376f485b</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="03b02b2b-3724-4560-b1af-d0d3376f485b" name="Any there?" type="Decision">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>180</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] &gt; 0"/>

<ontrue>71a3b97e-2cef-42eb-a91f-337ccdb7d947</ontrue>

<onfalse>0792c2be-c51d-4d4b-bc60-8fccb74675f8</onfalse>

</stage>

<stage stageid="71a3b97e-2cef-42eb-a91f-337ccdb7d947" name="Well, there shouldn't be." type="Exception"

<narrative>

</narrative>

<displayx>825</displayx>

<displayy>180</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Cod's been released. No quite nice locked fis

</stage>

<stage stageid="0792c2be-c51d-4d4b-bc60-8fccb74675f8" name="Mark the monkfish as eaten" type="Act

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>225</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID II]"/>
```

</inputs>

<onsuccess>dac5e9ea-1571-46cb-a123-10829fc16a89</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

</stage>

<stage stageid="dac5e9ea-1571-46cb-a123-10829fc16a89" name="Try and release it" type="Action">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>270</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the work queue item which should be unlocked" ex

</inputs>

<outputs>

<output type="flag" name="Unlocked" narrative="Whether the item was unlocked as a result of this action o

</outputs>

<onsuccess>be01970b-c64e-4e1c-ba7e-ccbf12f364e9</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Unlock Item"/>

</stage>

<stage stageid="be01970b-c64e-4e1c-ba7e-ccbf12f364e9" name="Did we release it?" type="Decision">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>315</displayy>

<displaywidth>120</displaywidth>

```
<displayheight>30</displayheight>

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

<decision expression="[Unlocked]"/>

<ontrue>d2d49a91-41c0-4839-9f67-b533cb9241cb</ontrue>

<onfalse>a377cbc7-bc4f-4b7e-b57a-e390883365f4</onfalse>

</stage>

<stage stageid="d2d49a91-41c0-4839-9f67-b533cb9241cb" name="Well we shouldn't have" type="Exception" >

<narrative>

</narrative>

<displayx>825</displayx>

<displayy>315</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Monkfish unlocked by us... it shouldn't have b

</stage>

<stage stageid="d3c8b352-467e-4527-9229-92c375f36b90" name="Fish Bit" type="Collection">

<subsheetsid>2c821c45-de73-4a9f-806d-153af271ca09</subsheetsid>

<narrative>

</narrative>

<displayx>-195</displayx>

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<displayheight>30</displayheight>

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<datatype>collection</datatype>

<private/>
```

```
<alwaysinit/>

</stage>

<stage stageid="aead4895-e13d-4261-badf-f6cce9f3939a" name="Check Exists In Pending" type="SubSheet">
  <subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

  <narrative>Checks if a particular item exists in the pending items collection or not.</narrative>

  <displayx>-165</displayx>

  <displayy>-90</displayy>

  <displaywidth>150</displaywidth>

  <displayheight>90</displayheight>

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

</stage>

<stage stageid="948ac7cb-ecbc-4829-9529-0f1288b888fe" name="Start" type="Start">
  <subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

  <narrative>

</narrative>

  <displayx>15</displayx>

  <displayy>-225</displayy>

  <displaywidth>60</displaywidth>

  <displayheight>30</displayheight>

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

  <inputs>

    <input type="text" name="Item ID" narrative="The ID of the item to check for in the pending items." stage="Start">
      <input type="number" name="Expected Count" narrative="The expected number of work queue items found in the pending items." stage="Start">
    </inputs>

    <onsuccess>e895cff7-bea2-4928-ae0c-a3383a2c8159</onsuccess>

  </stage>

  <stage stageid="43fd6e89-5568-49e8-9ee1-83df0de894fb" name="End" type="End">
```

<subsHEETid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsHEETid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>150</displayy>

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<displayheight>30</displayheight>

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

<outputs>

<output type="flag" name="Exists" narrative="Flag to indicate whether the given item ID exists in the pendi

</outputs>

</stage>

<stage stageid="7652dafd-f170-49f3-a6d9-63a5571c0f74" name="Item ID" type="Data">

<subsHEETid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsHEETid>

<narrative>

</narrative>

<displayx>-210</displayx>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="367b1b85-e189-4277-b516-3b2a7839f122" name="Expected Count" type="Data">



<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

</narrative>

<displayx>-120</displayx>

<displayy>-15</displayy>

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<datatype>number</datatype>

<initialvalue>-1</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="e895cff7-bea2-4928-ae0c-a3383a2c8159" name="Get Pending Items" type="Action">

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-180</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De

```
<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De

</inputs>

<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue. Colu

</outputs>

<onsuccess>fc2e2b0c-ec20-4a29-b159-30ceb159765e</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="c558096a-e485-4d52-aa28-d09e6239c1ad" name="Pending Items" type="Collection">

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

</narrative>

<displayx>-165</displayx>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="d3c8fc7c-eb96-47ee-a41e-1ead3e0a829f" name="For Each Pending Item" type="LoopSta

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>
```

```
</narrative>

<displayx>15</displayx>

<displayy>0</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>f595ac93-9c01-4c03-859f-ff6a4c127346</onsuccess>

<groupid>330d634a-f4b3-4c5a-a051-4eb4743d3dcd</groupid>

<looptype>ForEach</looptype>

<loopdata>Pending Items</loopdata>

</stage>

<stage stageid="77640edb-0bc8-4668-97d3-8ee239d49416" name="Next Pending Item" type="LoopEnd">

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

</narrative>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>43fd6e89-5568-49e8-9ee1-83df0de894fb</onsuccess>

<groupid>330d634a-f4b3-4c5a-a051-4eb4743d3dcd</groupid>

</stage>

<stage stageid="f595ac93-9c01-4c03-859f-ff6a4c127346" name="Does this match our Item ID?" type="De

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

</narrative>
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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Pending Items.Item ID] = [Item ID]"/>

<ontrue>6ab06068-fa68-4cb3-8e16-74846cdbae63</ontrue>

<onfalse>77640edb-0bc8-4668-97d3-8ee239d49416</onfalse>

</stage>

<stage stageid="0b63e6cb-b630-4efe-b352-264b35187085" name="Exists" type="Data">

<subsheetsid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetsid>

<narrative>

</narrative>

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<datatype>flag</datatype>

<initialvalue>False</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="6ab06068-fa68-4cb3-8e16-74846cdbae63" name="Exists = True" type="Calculation">

<subsheetsid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetsid>

<narrative>

</narrative>
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<onsuccess>458599e6-9c91-4cfc-8add-8800513485ee</onsuccess>

<calculation expression="True" stage="Exists"/>

</stage>

<stage stageid="458599e6-9c91-4cfc-8add-8800513485ee" name="anchor7" type="Anchor">

<subsheetsid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetsid>

<narrative>

</narrative>

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<onsuccess>43fd6e89-5568-49e8-9ee1-83df0de894fb</onsuccess>

</stage>

<stage stageid="c5edcf19-e8ab-441c-a24b-c5de6fc63162" name="Check If It's Pending" type="SubSheet">

<narrative>

</narrative>

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<displayy>-45</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to check for in the pending items." expr="[

<input type="number" name="Expected Count" narrative="The expected number of work queue items found

</inputs>

<outputs>

<output type="flag" name="Exists" narrative="Flag to indicate whether the given item ID exists in the pendi

</outputs>

<onsuccess>48a9e05a-49ec-4aab-b200-3f230cf1ee47</onsuccess>

<processid>e65ab99c-abdd-4baa-b738-e63d41a8c866</processid>

</stage>

<stage stageid="8708a385-3940-48d4-a150-e40acd3d7e99" name="Count how many are pending" type="

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

</narrative>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>c126fcb2-44ca-4244-9c64-22c4365495a2</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>
```

```
</stage>

<stage stageid="28a36eec-8354-4514-86f2-2bf00adf2e39" name="Count" type="Data">

<subsheetsid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetsid>

<narrative>

</narrative>

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="c126fcb2-44ca-4244-9c64-22c4365495a2" name="Does it match?" type="Decision">

<subsheetsid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetsid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<decision expression="[Count] = [Expected Count]"/>

<ontrue>d3c8fc7c-eb96-47ee-a41e-1ead3e0a829f</ontrue>

<onfalse>db9911f9-cd95-43e6-85bd-d8f7d5ec5352</onfalse>
```

```
</stage>

<stage stageid="db9911f9-cd95-43e6-85bd-d8f7d5ec5352" name="Wrong number of pending items." type="Decision"
  <subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>
  <narrative>
  </narrative>
  <displayx>150</displayx>
  <displayy>-45</displayy>
  <displaywidth>120</displaywidth>
  <displayheight>30</displayheight>
  <font family="Tahoma" size="10" style="Regular" color="000000"/>
  <exception type="Test Failure Exception" detail="&quot;Expected &quot; &amp; [Expected Count] &lt;= 0" />
</stage>

<stage stageid="fc2e2b0c-ec20-4a29-b159-30ceb159765e" name="Are we checking the count?" type="Decision"
  <subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>
  <narrative>
  </narrative>
  <displayx>15</displayx>
  <displayy>-135</displayy>
  <displaywidth>90</displaywidth>
  <displayheight>30</displayheight>
  <font family="Tahoma" size="10" style="Regular" color="000000"/>
  <decision expression="[Expected Count] &gt;= 0" />
  <ontrue>8708a385-3940-48d4-a150-e40acd3d7e99</ontrue>
  <onfalse>f0068ca6-9e7b-4345-8aa3-0d697220a844</onfalse>
</stage>

<stage stageid="f0068ca6-9e7b-4345-8aa3-0d697220a844" name="anchor8" type="Anchor">
  <subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>
```



```
<narrative>

</narrative>

<displayx>225</displayx>

<displayy>-135</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>b6539517-b67b-4535-8392-4c14aa33aa37</onsuccess>

</stage>

<stage stageid="b6539517-b67b-4535-8392-4c14aa33aa37" name="anchor8" type="Anchor">

<subsheetid>e65ab99c-abdd-4baa-b738-e63d41a8c866</subsheetid>

<narrative>

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<displayheight>10</displayheight>

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

<onsuccess>d3c8fc7c-eb96-47ee-a41e-1ead3e0a829f</onsuccess>

</stage>

<stage stageid="8e1c2b25-09d1-4fb3-9a40-c237b5d22ab4" name="Is In Pending" type="Data">

<narrative>

</narrative>

<displayx>-180</displayx>

<displayy>135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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<datatype>flag</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="48a9e05a-49ec-4aab-b200-3f230cf1ee47" name="Well, is it?" type="Decision">

<narrative>

</narrative>

<displayx>180</displayx>

<displayy>0</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Is In Pending]"/>

<ontrue>1e5b0a13-62a6-464d-9d94-46e63c2d495d</ontrue>

<onfalse>09c8a331-88d8-4506-9f08-1e47d17d5702</onfalse>

</stage>

<stage stageid="1e5b0a13-62a6-464d-9d94-46e63c2d495d" name="Well, it shouldn't be." type="Exception">

<narrative>

</narrative>

<displayx>300</displayx>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Cod was found to be pending. Item ID : &quot;

```
</stage>

<stage stageid="5a5330ef-8c19-4ea4-a48f-20833092d275" name="Check If It's Pending" type="SubSheet">

  <narrative>

  </narrative>

  <displayx>450</displayx>

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  <displayheight>30</displayheight>

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

  <inputs>

    <input type="text" name="Item ID" narrative="The ID of the item to check for in the pending items." expr="[

    <input type="number" name="Expected Count" narrative="The expected number of work queue items found

  </inputs>

  <outputs>

    <output type="flag" name="Exists" narrative="Flag to indicate whether the given item ID exists in the pending

  </outputs>

  <onsuccess>bbf5de56-9f2c-4546-b486-2eea2c046c07</onsuccess>

  <processid>e65ab99c-abdd-4baa-b738-e63d41a8c866</processid>

</stage>

<stage stageid="bbf5de56-9f2c-4546-b486-2eea2c046c07" name="Well, is it?" type="Decision">

  <narrative>

  </narrative>

  <displayx>450</displayx>

  <displayy>0</displayy>

  <displaywidth>90</displaywidth>

  <displayheight>30</displayheight>

  <font family="Tahoma" size="10" style="Regular" color="000000"/>
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<decision expression="[Is In Pending]"/>

<ontrue>e16c3722-5825-45a6-8f35-c3426f1a5daa</ontrue>

<onfalse>46372808-eea5-4df7-a5eb-2f9b718cb2d8</onfalse>

</stage>

<stage stageid="e16c3722-5825-45a6-8f35-c3426f1a5daa" name="Well, it shouldn't be." type="Exception"

<narrative>

</narrative>

<displayx>570</displayx>

<displayy>0</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Monkfish was found to be pending. Item ID : &quot;

</stage>

<stage stageid="eb86da83-0ab5-448b-be33-ec292f09b9da" name="Check If It's Pending" type="SubShee

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>0</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to check for in the pending items." expr="[

<input type="number" name="Expected Count" narrative="The expected number of work queue items found

</inputs>

<outputs>
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```
<output type="flag" name="Exists" narrative="Flag to indicate whether the given item ID exists in the pending list" />
</outputs>

<onsuccess>ce285ddf-2311-4911-a5f8-79efa5a71a97</onsuccess>

<processid>e65ab99c-abdd-4baa-b738-e63d41a8c866</processid>

</stage>

<stage stageid="ce285ddf-2311-4911-a5f8-79efa5a71a97" name="Well, is it?" type="Decision">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Is In Pending]"/>

<ontrue>658b9591-c465-4232-b13c-ca96bef1b88f</ontrue>

<onfalse>1f991576-3147-441b-ad76-afd395c52a9a</onfalse>

</stage>

<stage stageid="1f991576-3147-441b-ad76-afd395c52a9a" name="Well, now it should be." type="Exception">

<narrative>

</narrative>

<displayx>825</displayx>

<displayy>45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Unlocked cod was *not* found to be pending." />

</stage>
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<stage stageid="67c153c9-e403-40e1-9f61-9a7cc8cc3b65" name="Test Get Pending" type="SubSheetInfo">
  <subsheets>
    <subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>
    <narrative>Further tests for get pending.</narrative>
    <displayx>-255</displayx>
    <displayy>-105</displayy>
    <displaywidth>150</displaywidth>
    <displayheight>90</displayheight>
    <font family="Tahoma" size="10" style="Regular" color="000000"/>
  </stage>

  <stage stageid="cea406be-5542-4aba-878a-9380908f8e06" name="Start" type="Start">
    <subsheets>
      <subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>
      <narrative>
      </narrative>
      <displayx>30</displayx>
      <displayy>-195</displayy>
      <displaywidth>60</displaywidth>
      <displayheight>30</displayheight>
      <font family="Tahoma" size="10" style="Regular" color="000000"/>
      <onsuccess>e96de33a-ab04-480f-a967-5dc8e531b8ca</onsuccess>
    </stage>

    <stage stageid="011495e8-c4fd-4215-97b3-c19f25886e1e" name="End" type="End">
      <subsheets>
        <subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>
        <narrative>
        </narrative>
        <displayx>285</displayx>
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        <displaywidth>60</displaywidth>
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</stage>

<stage stageid="a377cbc7-bc4f-4b7e-b57a-e390883365f4" name="Test Get Pending" type="SubSheet">

<narrative>

</narrative>

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<displayy>360</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>2c192134-ef6f-4b60-b70d-9874628b2288</onsuccess>

<processid>32e609bb-fb2f-4cb7-bc90-747b679b149d</processid>

</stage>

<stage stageid="aabcc885-e712-4007-ae7a-9c61124f3368" name="Note1" type="Note">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>Current state of play is that there are 8 items in the list, 7 pending, 1 completed. The completed

<displayx>-90</displayx>

<displayy>-180</displayy>

<displaywidth>150</displaywidth>

<displayheight>60</displayheight>

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

</stage>

<stage stageid="e96de33a-ab04-480f-a967-5dc8e531b8ca" name="Get Pending Cod" type="Action">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>
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<displayx>30</displayx>

<displayy>-150</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De

<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De

</inputs>

<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue. Colu

</outputs>

<onsuccess>6cdc3262-a966-4c28-81b1-2101d1e4c5ca</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="e3764ac8-0b6d-4755-a6a5-b4e4fbd52e09" name="Pending Items" type="Collection">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

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<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>

<field name="Item ID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="9d639aee-c39b-4bac-916f-a4642dfa115a" name="Is there one there?" type="Decision">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>-60</displayy>

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<decision expression="[Count] = 1"/>

<ontrue>aa40c95c-215d-412c-9674-c54e35252882</ontrue>

<onfalse>7f4af0bc-890f-4930-b7bb-1e5e02d6510e</onfalse>

</stage>

<stage stageid="6cdc3262-a966-4c28-81b1-2101d1e4c5ca" name="Count them" type="Action">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>-105</displayy>

<displaywidth>60</displaywidth>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>9d639aee-c39b-4bac-916f-a4642dfa115a</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="9cf251d0-611a-4d80-9260-7222fbb57a2f" name="Count" type="Data">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

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<datatype>number</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="3fbf0608-a3c2-4143-b9d2-0c1823dadf3b" name="Get Pending Monkfish" type="Action">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>
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<narrative>

</narrative>

<displayx>30</displayx>

<displayy>165</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De

<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De

</inputs>

<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue. Colu

</outputs>

<onsuccess>0a28841d-b6d0-468b-a01e-ba4f3b170ac6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="2e1640bc-cd6c-49be-85fb-5013baaf5e1e" name="Any there?" type="Decision">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>255</displayy>

<displaywidth>90</displaywidth>

```
<displayheight>30</displayheight>

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

<decision expression="[Count] &gt; 0"/>

<ontrue>c0e7ca2a-c888-4a50-a2e7-5b204ae8489c</ontrue>

<onfalse>2684fcc8-2190-4e87-bd72-a28b2589a40e</onfalse>

</stage>

<stage stageid="0a28841d-b6d0-468b-a01e-ba4f3b170ac6" name="Count them" type="Action">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be counted" />

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Count them" />

</outputs>

<onsuccess>2e1640bc-cd6c-49be-85fb-5013baaf5e1e</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="7f4af0bc-890f-4930-b7bb-1e5e02d6510e" name="That's not right" type="Exception">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>
```

</narrative>

<displayx>150</displayx>

<displayy>-60</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Should be one pending cod. Found : &quot;">

</stage>

<stage stageid="c0e7ca2a-c888-4a50-a2e7-5b204ae8489c" name="That's not right" type="Exception">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>150</displayx>

<displayy>255</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;Should be no pending monkfish. Found : &quot;">

</stage>

<stage stageid="2684fcc8-2190-4e87-bd72-a28b2589a40e" name="Get Pending (Max := 3)" type="Action">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>300</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the
<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De
<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De

</inputs>

<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue. Colu

</outputs>

<onsuccess>fcb6eea9-8f3c-4370-bb17-be90da9f4d34</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="05b4bf46-c650-47a8-a900-44f1908ed4ec" name="Saved Items" type="Collection">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>-240</displayx>

<displayy>60</displayy>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

<collectioninfo>
```

```
<field name="Item ID" type="text"/>

</collectioninfo>

</stage>

<stage stageid="fcb6eea9-8f3c-4370-bb17-be90da9f4d34" name="Count them" type="Action">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>345</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co

</outputs>

<onsuccess>4dfd32be-86ee-47ed-a24c-2ef2e3fbc528</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="4dfd32be-86ee-47ed-a24c-2ef2e3fbc528" name="Three, right?" type="Decision">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>390</displayy>
```

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] = 3"/>

<ontrue>61bea469-6489-43c5-98c8-e35b6e305a79</ontrue>

<onfalse>d615eebd-7294-4cb6-9d0d-287a94bfb995</onfalse>

</stage>

<stage stageid="d615eebd-7294-4cb6-9d0d-287a94bfb995" name="That's not right" type="Exception">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>150</displayx>

<displayy>390</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;GetPending (Max:3) return &quot; &quot;

</stage>

<stage stageid="cc1a88b1-ac11-40f1-aaf2-7d08e113f9ae" name="Get Pending (Max:=3, Skip:=3)" type="

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>-180</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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



```
<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the locked items are
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the
<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De
<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De

</inputs>

<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue. Colu

</outputs>

<onsuccess>a62e427a-72c5-4578-9e19-73dd1f959f16</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="a62e427a-72c5-4578-9e19-73dd1f959f16" name="Count them" type="Action">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>-135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Collection Name" narrative="The name of the collection whose rows are to be co

</inputs>

<outputs>

<output type="number" name="Count" narrative="The number of rows counted in the collection" stage="Co
```

</outputs>

<onsuccess>516f9abd-72b0-4822-bb2a-d875b61c4d6a</onsuccess>

<resource object="Blueprism.AutomateProcessCore.clsCollectionActions" action="Count Rows"/>

</stage>

<stage stageid="516f9abd-72b0-4822-bb2a-d875b61c4d6a" name="Three, right?" type="Decision">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>-90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Count] = 3"/>

<ontrue>0086feaf-7470-41f2-8d60-23d862ece08d</ontrue>

<onfalse>064ca38b-ca43-456e-803a-29005ac4b1b8</onfalse>

</stage>

<stage stageid="064ca38b-ca43-456e-803a-29005ac4b1b8" name="That's not right" type="Exception">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>420</displayx>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<exception type="Test Failure Exception" detail="&quot;GetPending (Max:3,Skip:3) return &quot;

```
</stage>

<stage stageid="61bea469-6489-43c5-98c8-e35b6e305a79" name="anchor9" type="Anchor">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>420</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>9127c5b2-b23d-453a-ac8c-d139aa9eb4df</onsuccess>

</stage>

<stage stageid="9127c5b2-b23d-453a-ac8c-d139aa9eb4df" name="anchor10" type="Anchor">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>225</displayx>

<displayy>420</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>b3f5c6dd-572c-4eb5-ae1e-3a0c15fdc598</onsuccess>

</stage>

<stage stageid="b3f5c6dd-572c-4eb5-ae1e-3a0c15fdc598" name="anchor11" type="Anchor">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>
```

<displayx>225</displayx>

<displayy>-180</displayy>

<displaywidth>10</displaywidth>

<displayheight>10</displayheight>

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

<onsuccess>cc1a88b1-ac11-40f1-aaf2-7d08e113f9ae</onsuccess>

</stage>

<stage stageid="0086feaf-7470-41f2-8d60-23d862ece08d" name="For Each Saved Item" type="LoopStart">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>0</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="0000FF"/>

<onsuccess>6ac9d2c6-c9a9-4c7d-9ec6-a3ae909351cb</onsuccess>

<groupid>9cd2e664-3f1f-4871-a448-146bcda99227</groupid>

<looptype>ForEach</looptype>

<loopdata>Saved Items</loopdata>

</stage>

<stage stageid="e4d82e9a-9a0a-4dfd-8996-1fce62990dc1" name="Next Saved Item" type="LoopEnd">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>180</displayy>

```
<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="0000FF"/>

<onsuccess>011495e8-c4fd-4215-97b3-c19f25886e1e</onsuccess>

<groupid>9cd2e664-3f1f-4871-a448-146bcda99227</groupid>

</stage>

<stage stageid="6ac9d2c6-c9a9-4c7d-9ec6-a3ae909351cb" name="For Each Pending Item [2]" type="LoopStart">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>45</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="008000"/>

<onsuccess>6293e86e-a270-4d4e-927b-bfe313e8c242</onsuccess>

<groupid>ee9def2a-da4d-47f0-b39a-7adcbd2cd5fc</groupid>

<looptype>ForEach</looptype>

<loopdata>Pending Items 2</loopdata>

</stage>

<stage stageid="2e0858ab-8e8f-436f-b08c-4ee11e60c549" name="Next Pending Item [2]" type="LoopEnd">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>135</displayy>

<displaywidth>90</displaywidth>
```

```
<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="008000"/>

<onsuccess>e4d82e9a-9a0a-4dfd-8996-1fce62990dc1</onsuccess>

<groupid>ee9def2a-da4d-47f0-b39a-7adcbd2cd5fc</groupid>

</stage>

<stage stageid="6293e86e-a270-4d4e-927b-bfe313e8c242" name="Is this a match?" type="Decision">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>285</displayx>

<displayy>90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Saved Items.Item ID] = [Pending Items 2.Item ID]"/>

<ontrue>d452df43-a249-473c-a619-d8442e143fae</ontrue>

<onfalse>2e0858ab-8e8f-436f-b08c-4ee11e60c549</onfalse>

</stage>

<stage stageid="d452df43-a249-473c-a619-d8442e143fae" name="That's not right" type="Exception">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>420</displayx>

<displayy>90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

```
<exception type="Test Failure Exception" detail="&quot;Fish which should have been skipped found.
</stage>

<stage stageid="367af0bf-ea68-47fa-9605-a2b8e24e97f4" name="Note2" type="Note">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>GetNext(Skip:3) should skip the 3 that GetNext(Max:3) retrieved before (in Saved Items). Ensured
</displayx>465</displayx>

<displayy>-30</displayy>

<displaywidth>180</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="993300"/>

<onsuccess>0086feaf-7470-41f2-8d60-23d862ece08d</onsuccess>

</stage>

<stage stageid="f4e3c58a-ea9b-4c3e-a207-3815d7fcd069" name="Note3" type="Note">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>The cod was released. Should be back in pending again.</narrative>

<displayx>-105</displayx>

<displayy>-105</displayy>

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="993300"/>

<onsuccess>e96de33a-ab04-480f-a967-5dc8e531b8ca</onsuccess>

</stage>

<stage stageid="21f62bcb-189c-4a66-8fa0-d8c27be038fd" name="Note3" type="Note">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>The monkfish was consumed. Should *not* be back in pending again.</narrative>

<displayx>-105</displayx>

<displayy>135</displayy>
```

<displaywidth>90</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="993300"/>

<onsuccess>3fbf0608-a3c2-4143-b9d2-0c1823dadf3b</onsuccess>

</stage>

<stage stageid="92cc3ccc-0c04-4239-9df5-ae5c20ed9c41" name="Note3" type="Note">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>Max value should return only up to the given number</narrative>

<displayx>-150</displayx>

<displayy>330</displayy>

<displaywidth>150</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="993300"/>

<onsuccess>2684fcc8-2190-4e87-bd72-a28b2589a40e</onsuccess>

</stage>

<stage stageid="6c5ad377-9b41-4ece-b76b-488b7272b95a" name="Note3" type="Note">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>Skip value with Max value should still return only up to the given (max) number</narrative>

<displayx>450</displayx>

<displayy>-195</displayy>

<displaywidth>150</displaywidth>

<displayheight>60</displayheight>

<font family="Tahoma" size="10" style="Regular" color="993300"/>

<onsuccess>cc1a88b1-ac11-40f1-aaf2-7d08e113f9ae</onsuccess>

</stage>

<stage stageid="48bffafd-4e9a-4f01-92f1-230a3f6ad3c0" name="Pending Items 2" type="Collection">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>



<narrative>

</narrative>

<displayx>-240</displayx>

<displayy>180</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="ba49ab91-d72b-4963-9a62-2ab74d836c43" name="Note4" type="Note">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>Here because the Loop Start seems to pick the first stage with the required name rather than th

<displayx>-405</displayx>

<displayy>195</displayy>

<displaywidth>180</displaywidth>

<displayheight>60</displayheight>

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

</stage>

<stage stageid="f37325e5-a388-43dc-a9f2-d8dd4a64cde1" name="." type="Block">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>-510</displayx>

<displayy>150</displayy>

<displaywidth>345</displaywidth>

```
<displayheight>90</displayheight>

<font family="Tahoma" size="10" style="Regular" color="7FB2E5"/>

</stage>

<stage stageid="683e7c0e-9679-4597-a3ac-c10616ae785a" name="Worktime" type="Data">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>-405</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>timespan</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="d5198af1-2adf-40be-89c8-16b34d7d6cff" name="Attempt Worktime" type="Data">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>-465</displayx>

<displayy>-15</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<datatype>timespan</datatype>
```

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f1ddb54a-e347-404d-8def-bfc56b7d2e3b" name="Data" type="Collection">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>-405</displayx>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="aa40c95c-215d-412c-9674-c54e35252882" name="For Each Pending Item" type="LoopS

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>-15</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="0000FF"/>

<onsuccess>123788ae-e5e5-4d7f-8724-777858aae14d</onsuccess>

```
<groupid>80ac688e-94fe-4659-93b3-7ec4e0d3fee8</groupid>

<looptype>ForEach</looptype>

<loopdata>Pending Items</loopdata>

</stage>

<stage stageid="b39aced9-8695-48da-9034-0d982af8d9ca" name="Next Pending Item" type="LoopEnd">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>120</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Regular" color="0000FF"/>

<onsuccess>3fbf0608-a3c2-4143-b9d2-0c1823dadf3b</onsuccess>

<groupid>80ac688e-94fe-4659-93b3-7ec4e0d3fee8</groupid>

</stage>

<stage stageid="123788ae-e5e5-4d7f-8724-777858aae14d" name="Get Item Data" type="Action">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

<displayx>30</displayx>

<displayy>30</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to get data from. An error will be raised if t
```

</inputs>

<outputs>

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item."/>

<output type="timespan" name="Worktime" narrative="The total time spent on this item (including previous attempts)."/>

<output type="timespan" name="Attempt Worktime" narrative="The amount of time spent on this particular attempt."/>

<output type="datetime" name="Loaded DateTime" narrative="The date and time at which this item was first loaded."/>

<output type="datetime" name="Deferred DateTime" narrative="The date and time at which this item has been deferred."/>

<output type="datetime" name="Completed DateTime" narrative="The date and time at which this item was completed."/>

<output type="datetime" name="Exception DateTime" narrative="The date and time at which this item was last exception."/>

<output type="text" name="Exception Reason" narrative="The exception reason recorded against this item."/>

<output type="text" name="Tags" narrative="The semi-colon separated set of tags which apply to the item."/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection record."/>

</outputs>

<onsuccess>d6bd7595-130e-4649-8dc5-edc8c18b4a3d</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Item Data"/>

</stage>

<stage stageid="d6bd7595-130e-4649-8dc5-edc8c18b4a3d" name="Is this our cod?" type="Decision">

<subsheetsid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetsid>

<narrative>

</narrative>

<displayx>30</displayx>

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<displayheight>30</displayheight>

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<decision expression="[Data.Species] = &quot;Cod&quot;"/>

```
<ontrue>b39aced9-8695-48da-9034-0d982af8d9ca</ontrue>

<onfalse>989c41d0-00ca-4cae-847b-59e8cf510adb</onfalse>

</stage>

<stage stageid="989c41d0-00ca-4cae-847b-59e8cf510adb" name="That's not right" type="Exception">

<subsheetid>32e609bb-fb2f-4cb7-bc90-747b679b149d</subsheetid>

<narrative>

</narrative>

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<exception type="Test Failure Exception" detail="&quot;Tried to Get Item Data on pending cod : Found

</stage>

<stage stageid="2c192134-ef6f-4b60-b70d-9874628b2288" name="No-one Gets Out Alive" type="Action">

<narrative>

</narrative>

<displayx>705</displayx>

<displayy>405</displayy>

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<displayheight>30</displayheight>

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<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="&quot;Fi

</inputs>

<onsuccess>eb0a5ea4-7858-407b-b65f-94629e462815</onsuccess>

<resource object="Queue Utils" action="Destroy Queue"/>
```

```
</stage>

</process>

<process name="Test Queue Priority" version="1.0" narrative="Tests the retrieval and altering of the item p

<view>

<camerax>0</camerax>

<cameray>-15</cameray>

<zoom>1</zoom>

</view>

<preconditions/>

<endpoint narrative=""/>

<stage stageid="b2ba173c-0383-4ee9-9457-2a1ac3cf3cff" name="Start" type="Start">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-135</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<onsuccess>b3ee2e62-f8af-477d-ae93-a8d4e64ed54e</onsuccess>

</stage>

<stage stageid="92c3c5ee-fb4b-448a-a145-d52366f9b36d" name="End" type="End">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>705</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>
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<font family="Tahoma" size="10" style="Regular" color="000000"/>

</stage>

<stage stageid="cf1875a5-d668-4a45-a357-78693f56f19e" name="Stage1" type="ProcessInfo">

<narrative>

</narrative>

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<displaywidth>150</displaywidth>

<displayheight>90</displayheight>

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</stage>

<stage stageid="3516c41a-3c0a-4d6c-846d-ce4052de902a" name="Get Data" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>90</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to get data from. An error will be raised if t

</inputs>

<outputs>

<output type="text" name="Key" narrative="The key value of the item." stage="Key"/>

<output type="number" name="Priority" narrative="The priority of the item" stage="Priority"/>

<output type="text" name="Status" narrative="The status of the item." stage="Status"/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite



```
<output type="timespan" name="Worktime" narrative="The total time spent on this item (including previous
<output type="timespan" name="Attempt Worktime" narrative="The amount of time spent on this particular
<output type="datetime" name="Loaded DateTime" narrative="The date and time at which this item was fir
<output type="datetime" name="Deferred DateTime" narrative="The date and time at which this item has b
<output type="datetime" name="Completed DateTime" narrative="The date and time at which this item was
<output type="datetime" name="Exception DateTime" narrative="The date and time at which this item was
<output type="text" name="Exception Reason" narrative="The exception reason recorded against this item
<output type="text" name="Tags" narrative="The semi-colon separated set of tags which apply to the item.
<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro
</outputs>

<onsuccess>d50b1804-235d-4dd7-b0d0-b07fecb90bfa</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Item Data"/>

</stage>

<stage stageid="cc966290-6732-4883-a363-f892e649d607" name="Get Pending" type="Action">

<narrative>

</narrative>

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<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue for which the pending items are
<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key
<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the
<input type="number" name="Maximum" narrative="Optionally, the maximum number of items to return. De
<input type="number" name="Skip" narrative="Optionally, the number of items to skip before returning. De
```

```
</inputs>

<outputs>

<output type="collection" name="Pending Items" narrative="The currently pending items in the queue, refe

</outputs>

<onsuccess>5cdb0336-4445-4118-b15d-9716aa591c31</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Pending Items"/>

</stage>

<stage stageid="5cdb0336-4445-4118-b15d-9716aa591c31" name="For Each Pending Item" type="LoopS

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>45</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

<font family="Tahoma" size="10" style="Bold" color="008000"/>

<onsuccess>3516c41a-3c0a-4d6c-846d-ce4052de902a</onsuccess>

<groupid>8cbfb89b-e363-465a-86b2-84f3843ef6d0</groupid>

<looptype>ForEach</looptype>

<loopdata>Pending Items</loopdata>

</stage>

<stage stageid="d30b7f51-5528-4218-b1dc-8454850eeb84" name="Next Pending Item" type="LoopEnd">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>315</displayy>

<displaywidth>120</displaywidth>

<displayheight>30</displayheight>
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<onsuccess>13da19e1-aa63-4da5-b2d5-9d1e880d2cd2</onsuccess>
<groupid>8cbfb89b-e363-465a-86b2-84f3843ef6d0</groupid>
</stage>

<stage stageid="4f237d8f-00f9-4be1-81fa-baf829f6b164" name="Key" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="51a75e84-9237-45b7-a471-1a065bc67187" name="Priority" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>240</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

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<initialvalue/>
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<private/>

<alwaysinit/>

</stage>

<stage stageid="58871afc-5fa8-4b00-99ec-1654aebf2f75" name="Status" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

<displayy>210</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

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<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="dbacd951-17d9-41e7-adab-8d5f05601d0f" name="Attempts" type="Data">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<datatype>number</datatype>

<initialvalue/>

<private/>

```
<alwaysinit/>

</stage>

<stage stageid="4b6b2500-3d4b-4ad5-ba68-1a1e6ff523e7" name="Set Priority" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>180</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the queue item to set the priority in" expr="[Pending

<input type="number" name="Priority" narrative="The new priority to set within the work queue item. " expr=

</inputs>

<onsuccess>f7bf211e-2115-4156-9ad0-7441c1162af8</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Set Priority"/>

</stage>

<stage stageid="f7bf211e-2115-4156-9ad0-7441c1162af8" name="Get Data" type="Action">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to get data from. An error will be raised if t
```

</inputs>

<outputs>

<output type="text" name="Key" narrative="The key value of the item." stage="Key"/>

<output type="number" name="Priority" narrative="The priority of the item" stage="Priority"/>

<output type="text" name="Status" narrative="The status of the item." stage="Status"/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this item."/>

<output type="timespan" name="Worktime" narrative="The total time spent on this item (including previous attempts)."/>

<output type="timespan" name="Attempt Worktime" narrative="The amount of time spent on this particular attempt."/>

<output type="datetime" name="Loaded DateTime" narrative="The date and time at which this item was first loaded."/>

<output type="datetime" name="Deferred DateTime" narrative="The date and time at which this item has been deferred."/>

<output type="datetime" name="Completed DateTime" narrative="The date and time at which this item was completed."/>

<output type="datetime" name="Exception DateTime" narrative="The date and time at which this item was last attempted."/>

<output type="text" name="Exception Reason" narrative="The exception reason recorded against this item."/>

<output type="text" name="Tags" narrative="The semi-colon separated set of tags which apply to the item."/>

<output type="collection" name="Data" narrative="The data associated with the item - a single collection record."/>

</outputs>

<onsuccess>e0492356-0a63-44ff-9863-df4064ddf84f</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Item Data"/>

</stage>

<stage stageid="b3ee2e62-f8af-477d-ae93-a8d4e64ed54e" name="Create Queue 1" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-90</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

```
<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to be created" expr="[Queue 1

<input type="text" name="Key Field" narrative="The key column to use in the collection which makes up a

<input type="number" name="Max Attempts" narrative="The maximum number of retry attempts for the qu

</inputs>

<onsuccess>63d491fb-420a-4117-ae98-79aaf593ea82</onsuccess>

<resource object="Queue Utils" action="Create Queue"/>

</stage>

<stage stageid="c54eb756-c3aa-4f2f-b766-70c3d199732c" name="Queue 1 Name" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

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<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>text</datatype>

<initialvalue xml:space="preserve">queuepriority Q1</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="63d491fb-420a-4117-ae98-79aaf593ea82" name="Load data" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>-45</displayy>

<displaywidth>90</displaywidth>
```

```
<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue
<input type="collection" name="Data" narrative="A collection containing the data, one row for each item to
<input type="datetime" name="Defer Until" narrative="Optionally, the date/time the new item(s) should be c
<input type="number" name="Priority" narrative="Optionally, the priority for the new item(s). Lower number
<input type="text" name="Tags" narrative="Optionally, a semi-colon-separated set of tags to apply to the q
<input type="text" name="Status" narrative="Optionally, the initial status required of the work queue item(s)

</inputs>

<outputs>

<output type="collection" name="Item IDs" narrative="The IDs of the items which have been added to the c

</outputs>

<onsuccess>cc966290-6732-4883-a363-f892e649d607</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Add To Queue"/>

</stage>

<stage stageid="c57a3166-cd28-482f-91fd-81669ba0f757" name="Data" type="Collection">

<narrative>

</narrative>

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<displaywidth>120</displaywidth>

<displayheight>60</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>
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<collectioninfo>

<field name="Account Number" type="text"/>

<field name="Name" type="text"/>

<field name="Balance" type="number"/>

<field name="Expected Priority" type="number"/>

</collectioninfo>

<initialvalue>

<row>

<field name="Account Number" type="text" value="41987664"/>

<field name="Name" type="text" value="Mr Smith"/>

<field name="Balance" type="number" value="54.12"/>

<field name="Expected Priority" type="number" value="5"/>

</row>

<row>

<field name="Account Number" type="text" value="48498888"/>

<field name="Name" type="text" value="Mr Jones"/>

<field name="Balance" type="number" value="411.23"/>

<field name="Expected Priority" type="number" value="2"/>

</row>

<row>

<field name="Account Number" type="text" value="5123'441"/>

<field name="Name" type="text" value="Mrs Humperdink"/>

<field name="Balance" type="number" value="-1203.22"/>

<field name="Expected Priority" type="number" value="9"/>

</row>

</initialvalue>

</stage>

```
<stage stageid="d50b1804-235d-4dd7-b0d0-b07fecb90bfa" name="Priority = Default?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

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<decision expression="[Priority] = [Default Priority]"/>

<ontrue>4b6b2500-3d4b-4ad5-ba68-1a1e6ff523e7</ontrue>

<onfalse>f87d2392-a60d-437b-b4de-f3e5ec4cf055</onfalse>

</stage>

<stage stageid="8e08b0b3-08b3-4245-b06a-b67b6adef7c6" name="Item Data" type="Collection">

<narrative>

</narrative>

<displayx>-195</displayx>

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<alwaysinit/>

</stage>

<stage stageid="83cb50af-34ac-4137-8aca-741fa28d8248" name="Default Priority" type="Data">

<narrative>

</narrative>
```

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<displaywidth>120</displaywidth>

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<initialvalue>99</initialvalue>

<private/>

<alwaysinit/>

</stage>

<stage stageid="e0492356-0a63-44ff-9863-df4064ddf84f" name="Priority = New Value?" type="Decision">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>270</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Priority] = [Item Data.Expected Priority]"/>

<ontrue>d30b7f51-5528-4218-b1dc-8454850eeb84</ontrue>

<onfalse>5417e962-30b9-49cb-ad38-f44cd0d0bf78</onfalse>

</stage>

<stage stageid="f87d2392-a60d-437b-b4de-f3e5ec4cf055" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>135</displayy>

```
<displaywidth>30</displaywidth>

<displayheight>30</displayheight>

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

<exception type="TestFailedException" detail="&quot;Expected Priority of &quot; &amp; [De

</stage>

<stage stageid="5417e962-30b9-49cb-ad38-f44cd0d0bf78" name="FAIL" type="Exception">

<narrative>

</narrative>

<displayx>120</displayx>

<displayy>270</displayy>

<displaywidth>30</displaywidth>

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

<exception type="TestFailedException" detail="&quot;Expected Priority of &quot; &amp; [Ite

</stage>

<stage stageid="3fbd56dd-56d3-40a7-be64-5597c7f7f7b4" name="Clear Queue 1" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

<displayy>615</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue whose items should all be clear

<input type="text" name="Exception Message" narrative="The message which should be used as the exce

<input type="flag" name="Delete Items" narrative="True to delete the items after they have been marked w
```

```
</inputs>

<onsuccess>f07e411f-7d3f-4860-9398-b5ad97f45a63</onsuccess>

<resource object="Queue Utils" action="Clear Queue"/>

</stage>

<stage stageid="6ae0d410-0ce7-4187-abd0-95bff65e98f3" name="Pending Items" type="Collection">

<narrative>

</narrative>

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<displaywidth>120</displaywidth>

<displayheight>30</displayheight>

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

<datatype>collection</datatype>

<private/>

<alwaysinit/>

</stage>

<stage stageid="f07e411f-7d3f-4860-9398-b5ad97f45a63" name="Delete Queue 1" type="Action">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to delete" expr="[Queue 1 Nam

</inputs>
```

<onsuccess>92c3c5ee-fb4b-448a-a145-d52366f9b36d</onsuccess>

<resource object="Queue Utils" action="Delete Queue"/>

</stage>

<stage stageid="13da19e1-aa63-4da5-b2d5-9d1e880d2cd2" name="Get Next" type="Action">

<narrative>

</narrative>

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<displayheight>30</displayheight>

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

<inputs>

<input type="text" name="Queue Name" narrative="The name of the queue to add items to" expr="[Queue

<input type="text" name="Key Filter" narrative="Optionally, a key value to filter by. Only items with this key

<input type="text" name="Tag Filter" narrative="Optionally, a tag mask to filter by. The tag should be in the

</inputs>

<outputs>

<output type="text" name="Item ID" narrative="The ID of the item retrieved - empty if there are none availa

<output type="collection" name="Data" narrative="The data associated with the item - a single collection ro

<output type="text" name="Status" narrative="The status of the item." stage=""/>

<output type="number" name="Attempts" narrative="The number of attempts already made to work this ite

</outputs>

<onsuccess>d24e1ba5-c329-40bd-9fd1-4c247f5ef0a6</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Get Next Item"/>

</stage>

<stage stageid="d24e1ba5-c329-40bd-9fd1-4c247f5ef0a6" name="Any Left?" type="Decision">

<narrative>

```
</narrative>

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<displayy>405</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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

<decision expression="[Item ID] &lt;&gt; &quot;&quot;"/>

<ontrue>7c9f9733-0a43-4911-90b9-00083916c8e0</ontrue>

<onfalse>9adc14ac-5df9-428c-ae95-f8d06c7cf6bd</onfalse>

</stage>

<stage stageid="cbb88951-689d-4b52-af8f-97a8aecf8a50" name="Item ID" type="Data">

<narrative>

</narrative>

<displayx>-195</displayx>

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<datatype>text</datatype>

<initialvalue/>

<private/>

<alwaysinit/>

</stage>

<stage stageid="36ff2a2a-e23b-4729-bbd8-194dd82c04e0" name="Last Priority" type="Data">

<narrative>

</narrative>

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

<displayy>330</displayy>

<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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

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<initialvalue>-9999</initialvalue>

<alwaysinit/>

</stage>

<stage stageid="7c9f9733-0a43-4911-90b9-00083916c8e0" name="Lower Priority Than Last Priority?" type="Decision">

<narrative>Of course, a lower priority means a higher number, just to be a bit more confusing...</narrative>

<displayx>15</displayx>

<displayy>450</displayy>

<displaywidth>90</displaywidth>

<displayheight>30</displayheight>

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<decision expression="[Priority] &gt;= [Last Priority]"/>

<ontrue>eb5ffd3a-9190-4633-8622-71e4f81e4157</ontrue>

<onfalse>9808a436-c9fd-4301-92a6-ae1de03cc9a</onfalse>

</stage>

<stage stageid="9808a436-c9fd-4301-92a6-ae1de03cc9a" name="FAIL" type="Exception">

<narrative>

</narrative>

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<displayy>450</displayy>

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<displayheight>30</displayheight>

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<exception type="TestFailedException" detail="&quot;Get Next returned incorrect order - last priority:
</stage>

<stage stageid="eb5ffd3a-9190-4633-8622-71e4f81e4157" name="Mark Complete" type="Action">

<narrative>

</narrative>

<displayx>15</displayx>

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<inputs>

<input type="text" name="Item ID" narrative="The ID of the item to mark" expr="[Item ID]"/>

</inputs>

<onsuccess>addefc6b-da13-429f-aaa8-c51429935916</onsuccess>

<resource object="Blueprism.Automate.clsWorkQueuesActions" action="Mark Completed"/>

</stage>

<stage stageid="addefc6b-da13-429f-aaa8-c51429935916" name="Set Last Priority" type="Calculation">

<narrative>

</narrative>

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<displaywidth>60</displaywidth>

<displayheight>30</displayheight>

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<onsuccess>a7aa517a-872c-454c-b5d4-6f3858a24f15</onsuccess>

<calculation expression="[Item Data.Expected Priority]" stage="Last Priority"/>

</stage>
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<stage stageid="a7aa517a-872c-454c-b5d4-6f3858a24f15" name="anchor1" type="Anchor">

<narrative>

</narrative>

<displayx>-60</displayx>

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<displayheight>10</displayheight>

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<onsuccess>86419a59-b4c1-4464-83a4-331b8ea76f6e</onsuccess>

</stage>

<stage stageid="86419a59-b4c1-4464-83a4-331b8ea76f6e" name="anchor2" type="Anchor">

<narrative>

</narrative>

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<onsuccess>13da19e1-aa63-4da5-b2d5-9d1e880d2cd2</onsuccess>

</stage>

<stage stageid="9adc14ac-5df9-428c-ae95-f8d06c7cf6bd" name="anchor2" type="Anchor">

<narrative>

</narrative>

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</stage>

<stage stageid="789fa3bd-0512-4e4c-a7fb-f60d1377a374" name="anchor2" type="Anchor">

<narrative>

</narrative>

<displayx>165</displayx>

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<onsuccess>3fbd56dd-56d3-40a7-be64-5597c7f7f7b4</onsuccess>

</stage>

</process>

</Root>
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