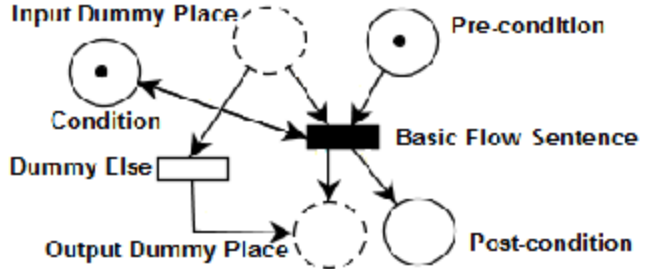
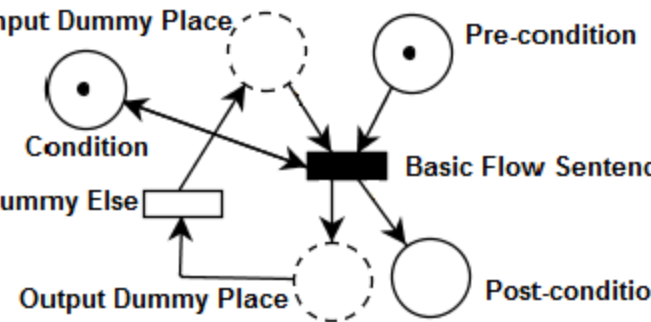
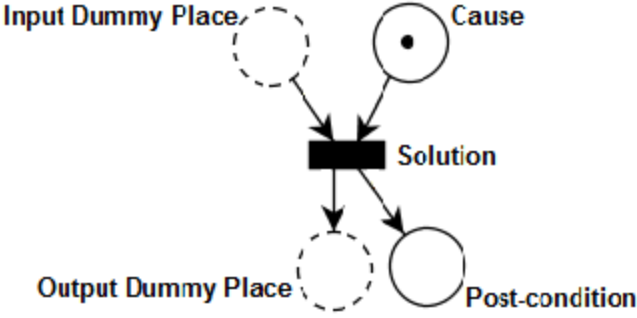
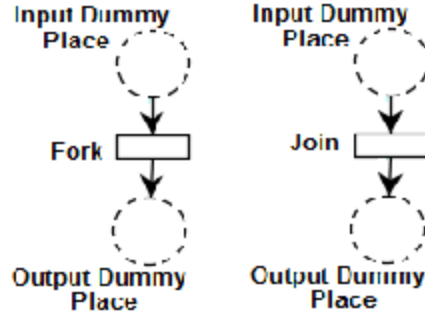


RUCM Element	Petri-Net Element
<b>Initial state</b> Title, Resource, Initial Context: -{Pre-condition}	
<b>Simple Basic Flow</b> <Id><Basic Flow Sentence> -{Pre-condition} -{Post-condition}	

RUCM Element	Petri-Net Element
<p><b>Conditional Basic Flow</b>  &lt;Id&gt; IF  {&lt;Condition&gt;}  <b>THEN</b>  &lt;Basic Flow Sentence&gt;  -{Pre-condition}  -{Post-condition}</p>	 <p>The diagram illustrates the Petri-Net structure for a Conditional Basic Flow. It features a central black rectangle labeled 'Basic Flow Sentence'. To its top-left is a solid circle with a dot labeled 'Condition'. To its top-right is a solid circle with a dot labeled 'Pre-condition'. To its bottom-left is a solid circle with a dot labeled 'Post-condition'. Above the 'Condition' place is a dashed circle labeled 'Input Dummy Place'. Below the 'Condition' place is a solid rectangle labeled 'Dummy Else'. Below the 'Basic Flow Sentence' is a dashed circle labeled 'Output Dummy Place'. Arrows show the following flow: from 'Pre-condition' to 'Basic Flow Sentence'; from 'Basic Flow Sentence' to 'Condition'; from 'Condition' to 'Post-condition'; from 'Basic Flow Sentence' to 'Output Dummy Place'; from 'Output Dummy Place' to 'Dummy Else'; and from 'Dummy Else' back to 'Condition'. There is also a direct arrow from 'Input Dummy Place' to 'Basic Flow Sentence'.</p>
<p><b>Loop Basic Flow</b>  &lt;Id&gt; DO  {&lt;Condition&gt;}  <b>WHILE</b>  &lt;Basic Flow Sentence&gt;  -{Pre-condition}  -{Post-condition}</p>	 <p>The diagram illustrates the Petri-Net structure for a Loop Basic Flow. It features a central black rectangle labeled 'Basic Flow Sentence'. To its top-left is a solid circle with a dot labeled 'Condition'. To its top-right is a solid circle with a dot labeled 'Pre-condition'. To its bottom-left is a solid circle with a dot labeled 'Post-condition'. Above the 'Condition' place is a dashed circle labeled 'Input Dummy Place'. Below the 'Condition' place is a solid rectangle labeled 'Dummy Else'. Below the 'Basic Flow Sentence' is a dashed circle labeled 'Output Dummy Place'. Arrows show the following flow: from 'Pre-condition' to 'Basic Flow Sentence'; from 'Basic Flow Sentence' to 'Condition'; from 'Condition' to 'Post-condition'; from 'Basic Flow Sentence' to 'Output Dummy Place'; from 'Output Dummy Place' to 'Dummy Else'; and from 'Dummy Else' back to 'Condition'. There is also a direct arrow from 'Input Dummy Place' to 'Basic Flow Sentence'.</p>

RUCM Element	Petri-Net Element
<p><b>Specific Alternative Flow</b>  &lt;Id&gt;IF  {&lt;Cause&gt;  <b>THEN</b>  &lt;Solution&gt;  -{Post-condition}</p>	
<p><b>Concurrency Construct</b>  #{Basic Flow Series}#</p>	
<p><b>Final State</b>  Context:  -{Post-condition}</p>	