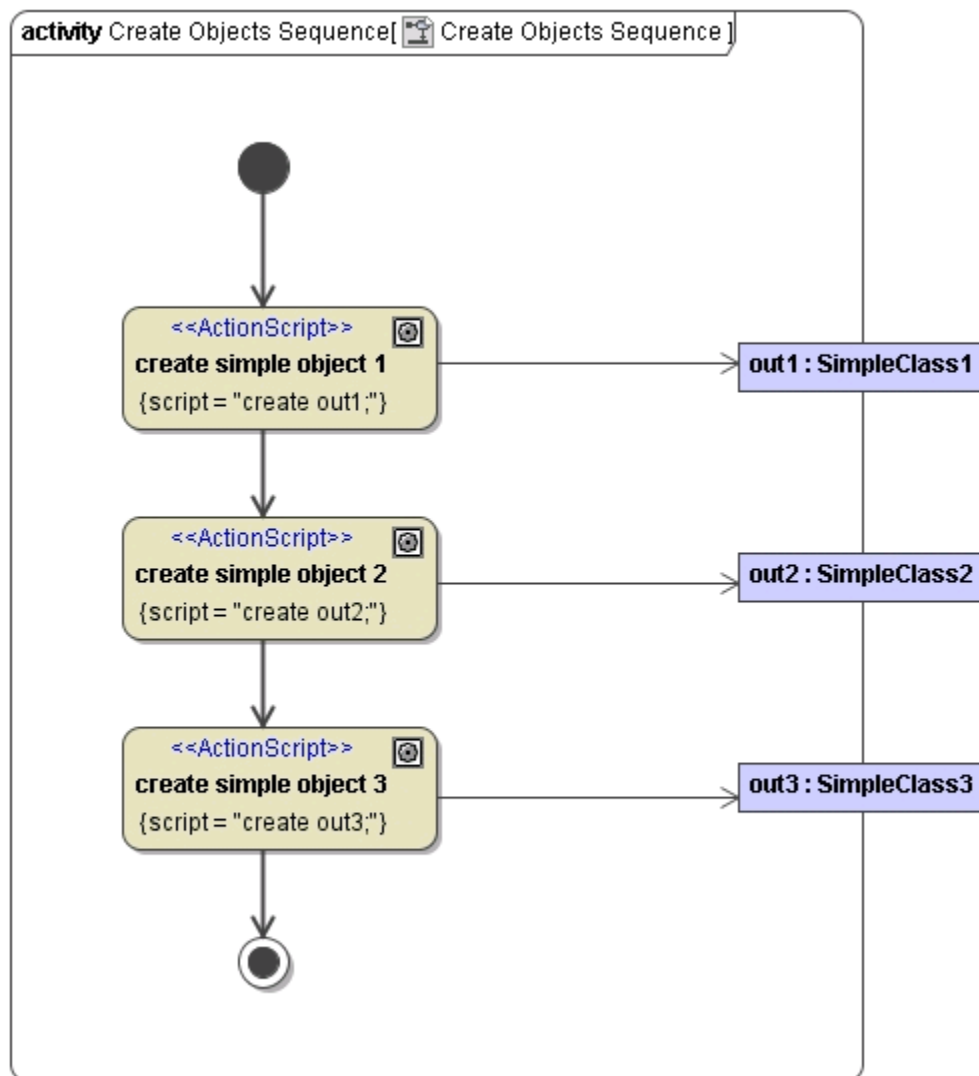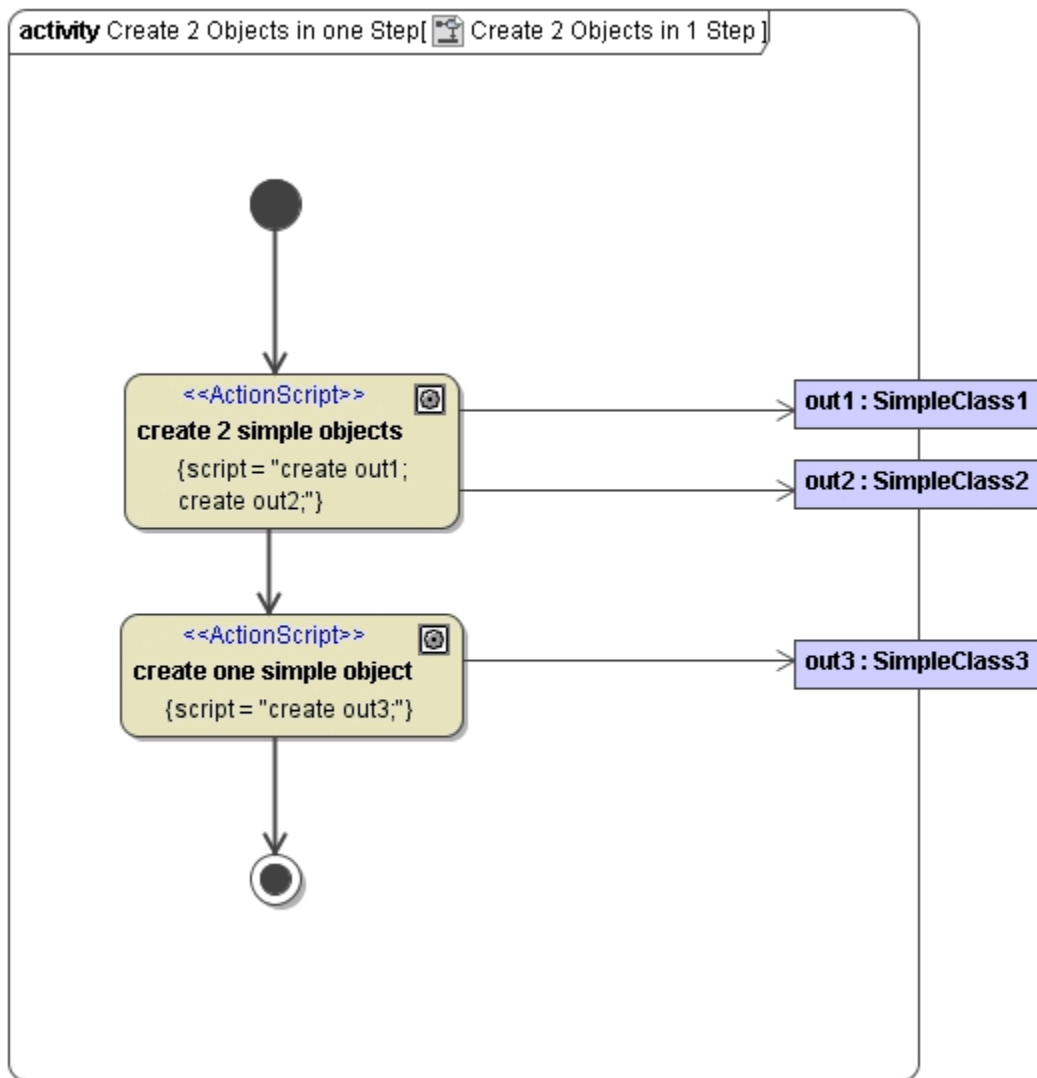# Input and Output of Activity Diagrams

The sequence of activities in the following activity diagram will return three values to the caller (in this case the client): **out1**, **out2**, and **out3**. Note, that these values are temporarily written to an output buffer. Only at the end of the sequence, the contents of this buffer are serialized and returned to the client.

Figure: Sequence with Three Output Objects

An action can have more than one output object. The figure below shows how to create two objects in one action.

Figure: Action State Generating Two Output Objects

The result of both of the above implementations (SOAP output XML structure) would look like follows:

```
...
 <out1 xmlns:ns1="urn:Services.CreateExampleService.Classes" xsi:type="ns1:SimpleClass">
   <simpleAttribute xsi:type="xsd:string">first value</simpleAttribute>
 </out1>

 <out2 xmlns:ns2="urn:Services.CreateExampleService.Classes" xsi:type="ns2:SimpleClass">
   <simpleAttribute xsi:type="xsd:string">second value </simpleAttribute>
 </out2>

 <out3 xmlns:ns3="urn:Services.CreateExampleService.Classes" xsi:type="ns3:SimpleClass">
   <simpleAttribute xsi:type="xsd:string">third value</simpleAttribute>
 </out3>
 ...
```

Actually, the most performing policy would be to draw an action that creates and returns all three objects, as it would result in only one function call of the E2E Runtime.