


# count

Syntax	<pre>anArray.count()</pre>	
Semantics	Counts the number of elements in <code>anArray</code> . The count operation returns an Integer value. The count of an empty array is zero.	
Substitutables	<code>anArray</code>	Can be any variable or object attribute having the type <b>Array</b> .
Examples	<pre>set size = anArray.count();</pre>	

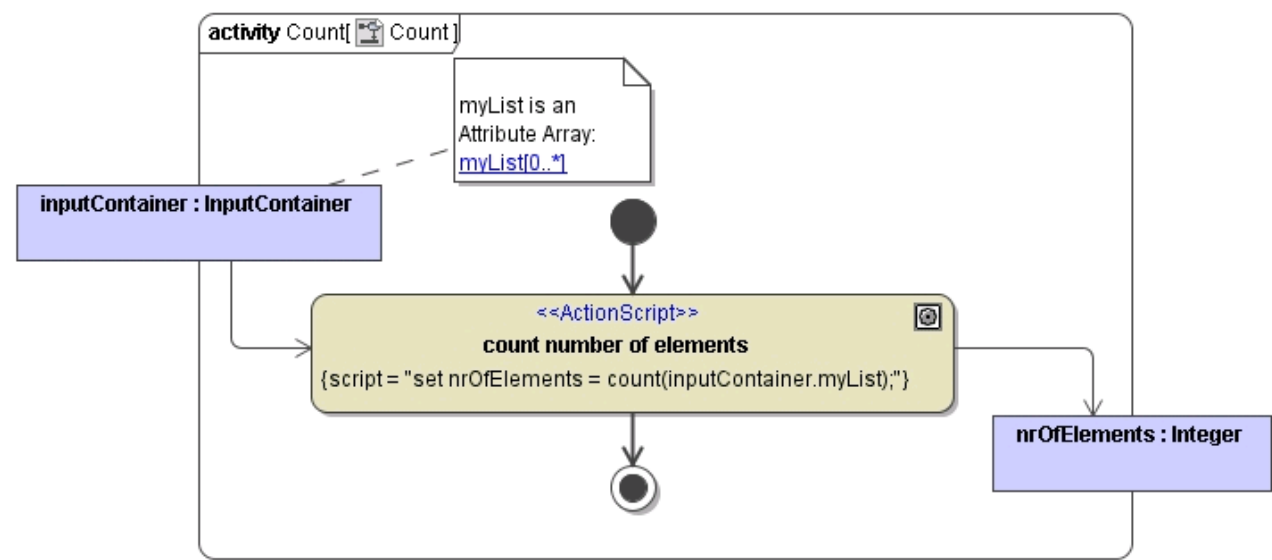
Example File (Builder project E2E Action Language/Array):



<your example path>\E2E Action Language\Array\uml\arrayCount.xml

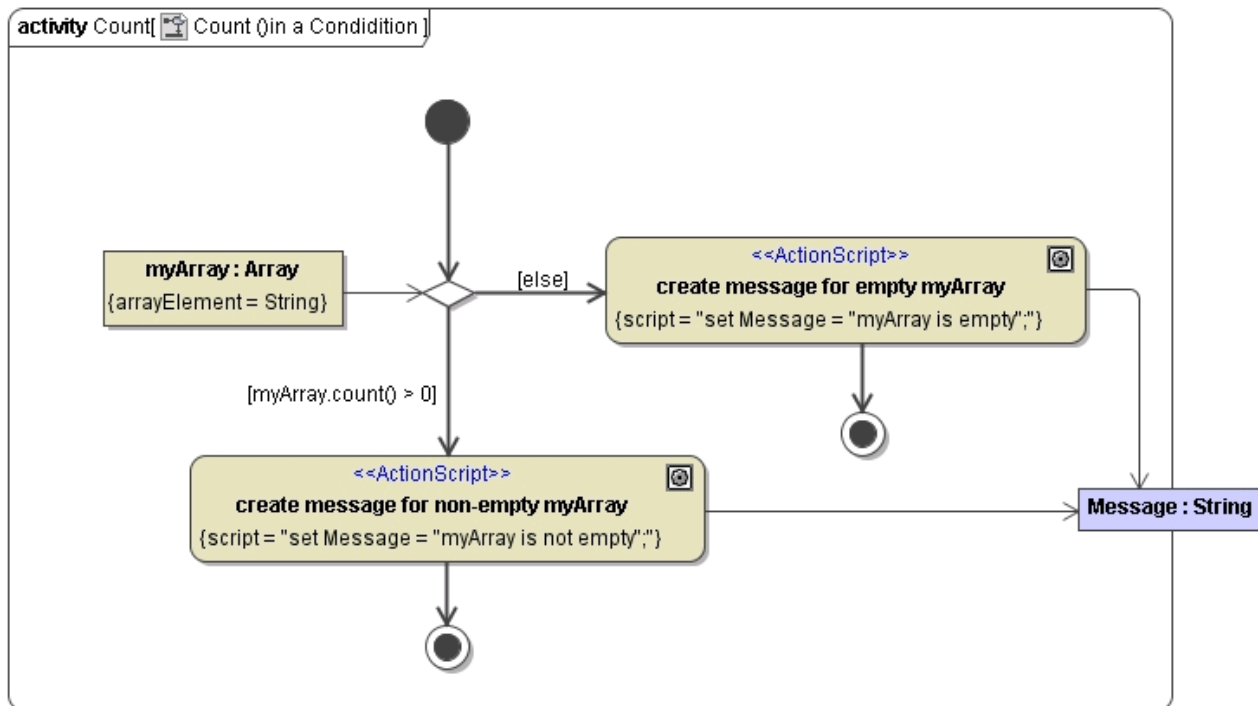
Figure below shows an example of counting the elements of the array `myList` that is an attribute of class `InputContainer`. The array elements are of type `String`. The output is of base type `Integer` named `nrOfElements`.

Figure: count() Example



The `count()` operation can also be used in conditions of decision points:

Figure: Example of Operation count() in a Condition



In the figure above, the flow branches depending on the number of array elements in array **myArray**. If the array contains at least one element, the flow branches to the action node create message for non-empty **myArray**.