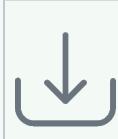


# Guarded Statements

If assignment- or append-statements must be executed conditionally, the following syntax can be used:

<b>Syntax</b>	set object = expression if booleanGuardExpression; append object to arrayExpression if booleanGuardExpression;	
<b>Semantics</b>	The set and append statements are applied only if the boolean guard expression evaluates to true.	
<b>Substitutables</b>	object	Any object name.
	expression	A valid expression.
	arrayExpression	An expression evaluating to an array.
	booleanGuardExpression	Any expression evaluating to a boolean.
<b>Examples</b>	set x = "abc" if y > 10;	

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



<your example path>\E2E Action Language\BaseTypes\uml\boolean.xml