# **AddSyntheses Block**

## Summary

This block is used to add syntheses to a target. The target must be a Device. One synthesis will be created for each node combination in the targeted point's assignments.

A Node will be taken into account only if the "IncludeInSyntheses" slot is set to true in its parent Aspect

### Implementation

- Drag and drop the block from the palette
- Link the "execute" action from the "executed" topic of the previous block

### Example

## This block adds adds one or more smartstatus to the targets in origin. It will target points located in the points folder of the device.

	Add Syntheses Block	
AddCurthereaDlead	(Add Syntheses Block)	
Target		()
	{origin}	
📄 Scope	slot:points	i - 🕨
Predicate	n:point	
🗎 Smart Operator	Extract value from: Ord Target	
	station: slot:/Drivers/SmartStatus	i - )-

#### Properties

- Target: SFormat which to define the target (ord, queries, artifacts etc.).
- Scope: The relative slotPath (from the device) where the ControlPoints will be targeted.
- Predicate: An additional filter on the ControlPoints.
- SmartOperator: The model used to create the synthesis.

### Behavior: DO & UNDO

An artifact will be created.