SysML 1.6 support

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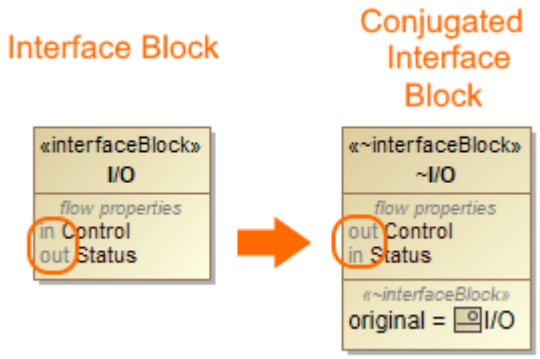
Our modeling tools always support the latest versions of standards. The SysML Plugin 2021x supports the SysML 1.6 specification.

Conjugated Interface Block

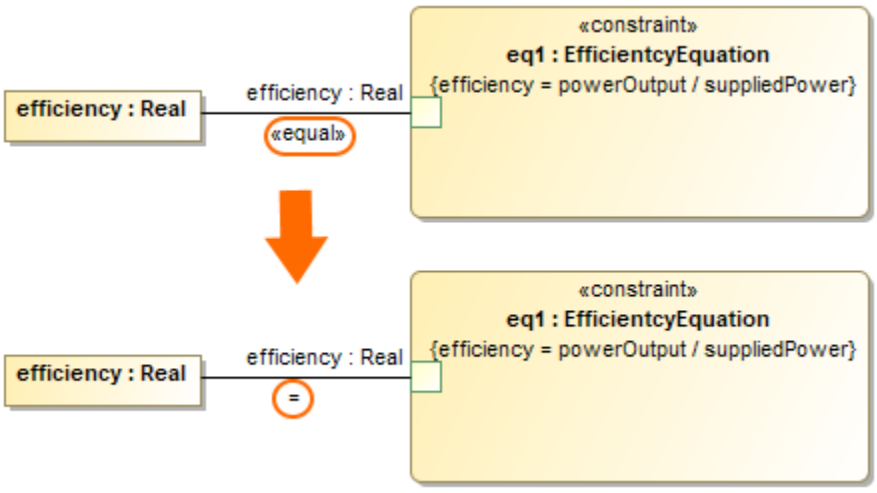
One more way to model conjugated ports is to create the Conjugated Interface Block which has the same features as its original Interface Block except that its Directed Features and Flow Properties are reversed (conjugated). Learn more about Conjugated Interface Block >>



Interface Block with reversed direction prefixes of Flow Properties.

Binding Connector notation

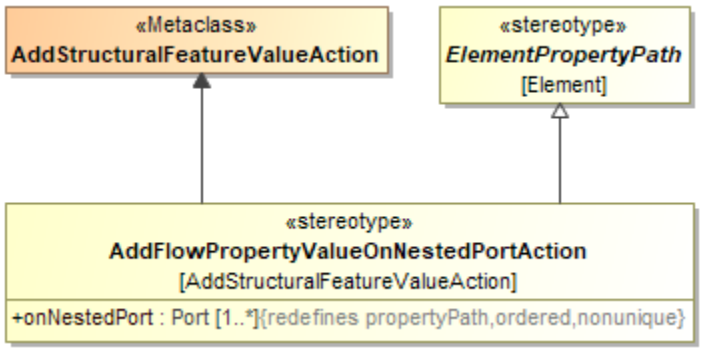
The ability to change the Binding Connector notation keyword from "equal" to sign "=". Learn how to create Binding Connector >>



The Binding Connector notation.

«AddFlowPropertyValueOnNestedPortAction» stereotype

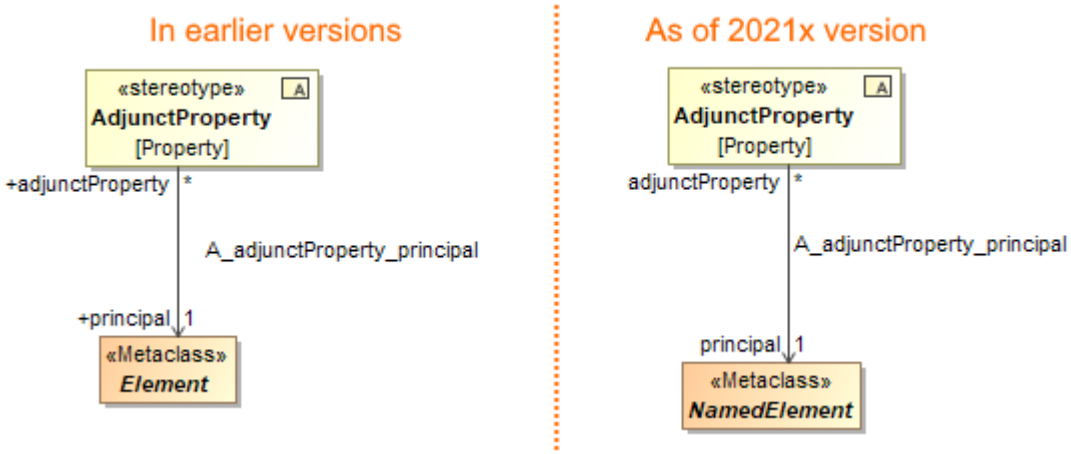
The new stereotype «AddFlowPropertyValueOnNestedPortAction» is created which enables values added to a flow property to propagate out through a specified behavioral port of an object executing the action, rather than all behavior ports exposing the flow property. It also enables values added to a flow property to propagate into objects.



The «AddFlowPropertyValueOnNestedPortAction» stereotype in profile.

AdjunctProperty principal type

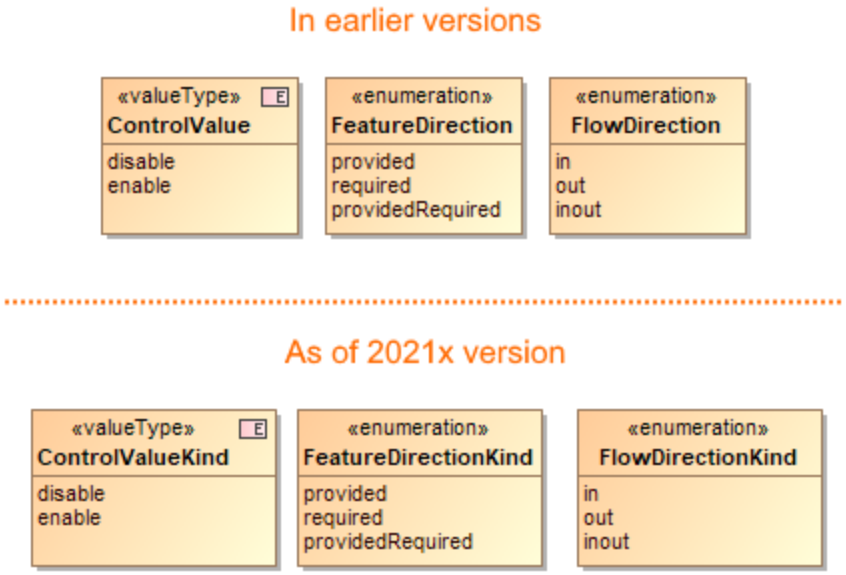
The AdjunctProperty principal type is changed from Element to NamedElement.



The comparison of principal type changes in 2021x version and earlier versions.

FlowDirection, FeatureDirection and ControlValue enumerations

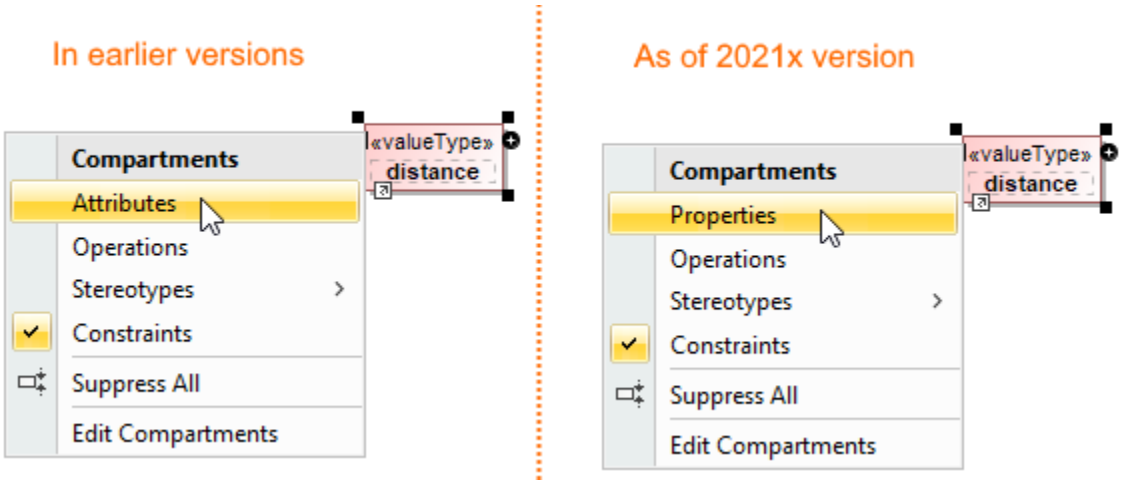
The *FlowDirection, FeatureDirection and ControlValue* enumerations are renamed to *FlowDirectionKind*, *FeatureDirectionKind* and *ControlValueKind* respectively.



The comparison of enumeration in 2021x version and earlier versions.

The Value Type compartment

The Value Type compartment *attributes* is renamed to *properties*.



The comparison of Value Type compartments in 2021x version and earlier versions.

Other

- The «PropertySpecificType» stereotype is renamed to «pst».
- The *initialValue* compartment is renamed to *initial values*.
- The s *ignal receptions* compartment is renamed to *receptions*.