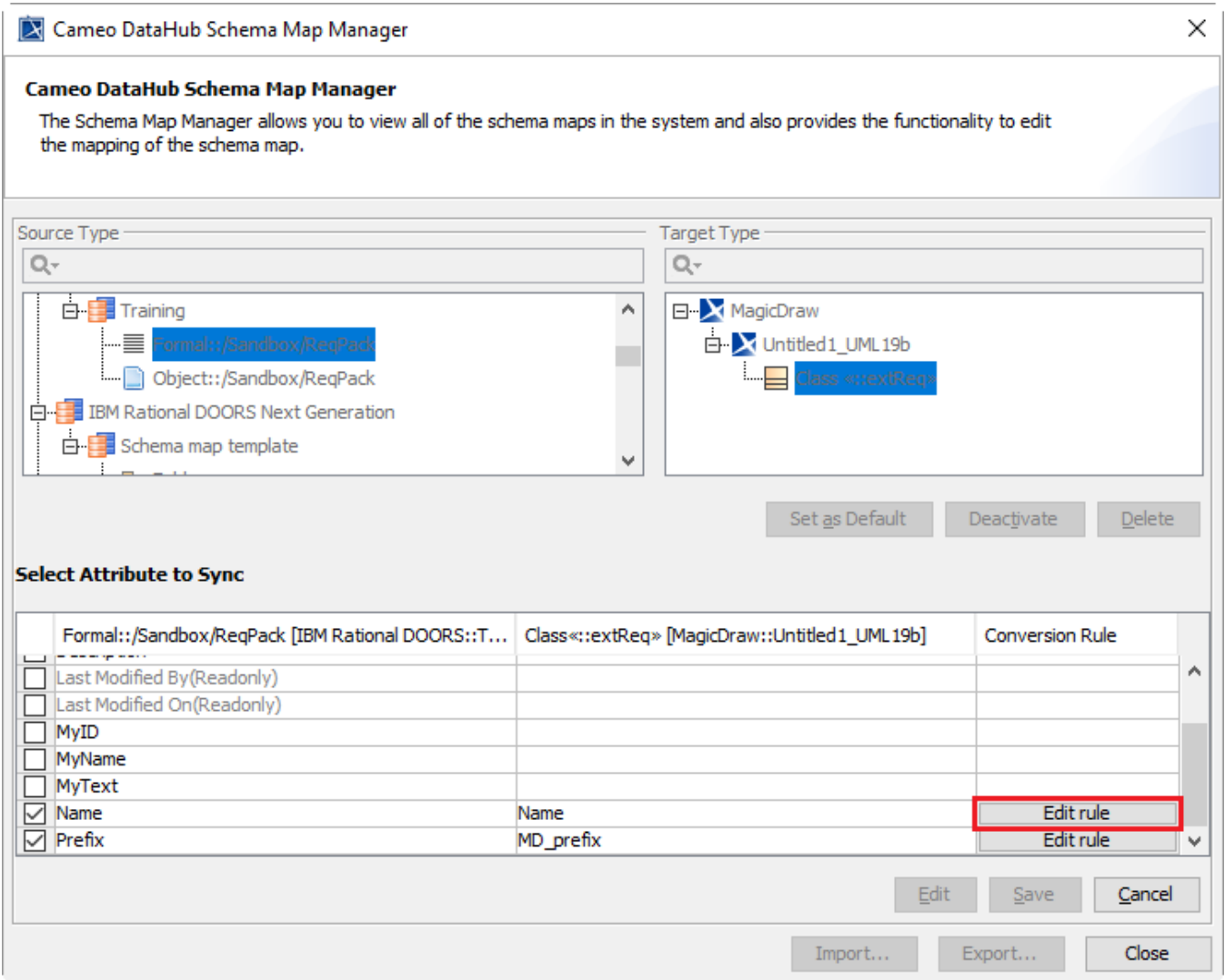


Property value conversion

On this page

- [Converting rules from an Enumeration to another Enumeration](#)
- [Converting rules between source attribute values and target values as String](#)

In addition to property-to-property mapping, you can apply a conversion rule to convert an original property value to another value when importing or synchronizing the data. You can set the conversion rule by clicking the **Edit rule** button at the end of each property mapping in the **Cameo DataHub Schema Map Manager** dialog or DataHub operation dialogs.



The Edit rule button in the Cameo DataHub Schema Map Manager dialog to set the conversion rules.

Copy Data with Sync

Copy Data with Sync

Select all unmapped target types from the list and resolve them by defining the schema map. DataHub will create the DHLinks to maintain the nodes in the scope hierarchy.

Sync Direction: ☒ Two-way Sync ☐ One-way Sync from Cameo Systems Modeler ☐ One-way Sync to Cameo Systems Modeler

Mapping Mode: Group Type Mapping

IBM Rational DOORS Side

- Formal::/Custom Attr/Object Type
- Object::/Custom Attr/Object Type

☐ Exclude all non-mapped nodes from DHLinks.

☐ Define Target Type from Attribute Value

Attribute: Object Identifier

Default	Priority	Value	Target

Cameo Systems Modeler Side

Type Filter Text

- Report Template
- Requirement (Instance Specification)
- Requirement
- Requirement «My Profile::Object Type Stereotype»
- SharedProperty
- Smart Package
- Smart Package
- Stakeholder

☒ Set as default target type

Select Attribute to Sync

Object::/Custom Attr/Objec...	Requirement [Cameo Syste...	Conversion Rule
<input type="checkbox"/> Absolute Number(Readonly)		
<input type="checkbox"/> Created By(Readonly)		
<input type="checkbox"/> Created On(Readonly)		
<input type="checkbox"/> Created Thru(Readonly)		
<input type="checkbox"/> Last Modified By(Readonly)		
<input type="checkbox"/> Last Modified On(Readonly)		
<input checked="" type="checkbox"/> Object Heading	Name	Edit rule
<input checked="" type="checkbox"/> Object Identifier(Readonly)	Id	Edit rule
<input type="checkbox"/> Object Number(Readonly)		
<input type="checkbox"/> Object Short Text		
<input checked="" type="checkbox"/> Object Text	Text	Edit rule
<input checked="" type="checkbox"/> Object Type	Documentation	Edit rule

Edit

OK Cancel

The Edit rule button in the Copy Data with Sync dialog to set the conversion rules.

Converting Rule Editor has two converting rule schemes as follows

- Converting rules from an Enumeration to another Enumeration.
- Converting rules between source attribute values and target values as String.

Converting rules from an Enumeration to another Enumeration

The **Converting Rule Editor** dialog converts all the mapped Enumeration values on the left table and converts the Enumeration values from the left table back to the right table vice versa. In the first table, the first column will list the Enumeration values of source property, and the second column automatically shows the values that match the values of the Elements to synchronize. In the right table, the Enumeration values will be in relation to the selected mapping values in the left table.

Converting Rule Editor

Converting Rule Editor

Define the conversion of mapped enumeration values between <Artifact_Type> and <Element_Type>. Convert all of the mapped enumeration values selected in the left table and automatically convert the values back in the right table vice versa. If there is no matching value, you must manually correct all the mapping attribute values

Direction: Enum <Artifact_Type> ---> Enum <Element_Type>

Enum <Artifact_Type>	Enum <Element_Type>
req	R
test	T
usecase	U
	R
	U
	T

Direction: Enum <Element_Type> ---> Enum <Artifact_Type>

Enum <Element_Type>	Enum <Artifact_Type>
R	req
U	usecase
T	test

OK

Cancel

Selecting Enumeration values for conversion in the Converting Rule Editor dialog.



Important

There is no matching value, you must manually correct all the mapping attribute values shown in red.

Converting rules between source attribute values and target values as String

In the **Converting Rule Editor** dialog, the left table allows specifying the values of source attributes in String to be converted to target values according to the selected conversion rules. The table on the right allows the user to select the rules to convert the values of target attributes to source values.

Converting Rule Editor

Converting Rule Editor

Convert values of source attributes to target values according to the conversion rules. You can rearrange the order of the conversion rules by clicking the arrow buttons. The last order of the conversion rule has the <DEFAULT> option and cannot be reordered. In case of conversion conflicts, you need to manually correct all the mapping attribute values shown in red.

Direction: <Prefix> ---> <MD_prefix>

Order	From	Conversion Rule	To
1	req	<CONVERT TO>	R
2	usecase	<CONVERT TO>	U
3	test	<CONVERT TO>	T
4	x	<IGNORED>	
5	<ANY VALUE>	<DEFAULT>	

Direction: <MD_prefix> ---> <Prefix>

Order	From	Conversion Rule	To
1	R	<CONVERT TO>	req
2	U	<CONVERT TO>	usecase
3	T	<CONVERT TO>	test
4	<ANY VALUE>	<DEFAULT>	

OK

Cancel

Selecting the rules to convert the values of source attributes to target values in the Converting Rule Editor dialog.



Tip



Important

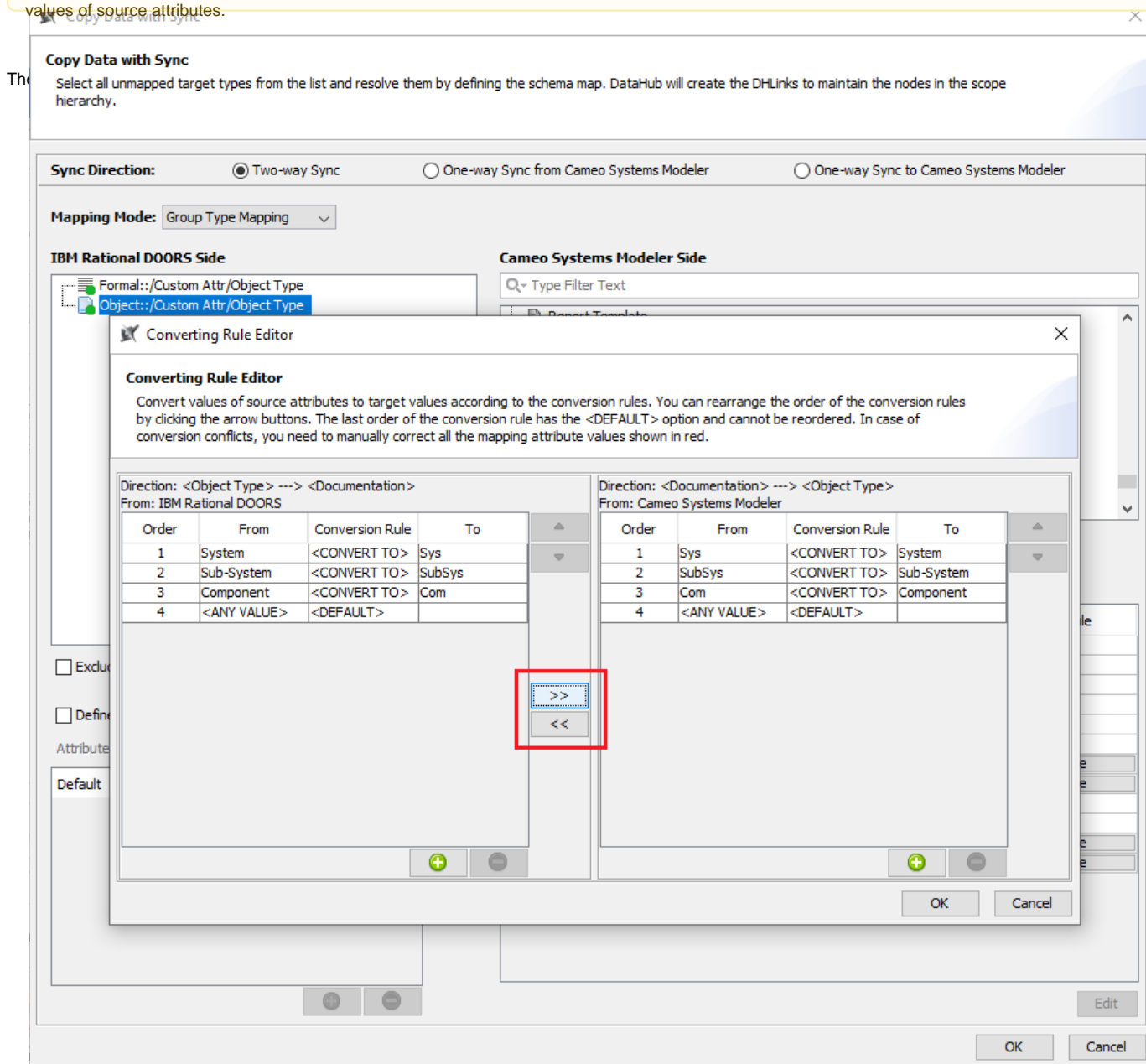
In case of conversion conflicts, you need to manually correct all the mapping attribute values shown in red.

- When setting all the conversion rules, you can use ☐ for left-to-right reflection or ☐ for right-to-left reflection of the conversion



Note

You must specify a conversion rule for the **<ANY VALUE>** source attribute to ensure that the selected conversion rule applies to other unspecified values of source attributes.



Using the >> button for left-to-right reflection of the conversion rules for round-trip synchronization.