Rules of association or attribute creation on reverse

Association or Attribute creation on the reverse is the ability to enter rules to help decide if an association or attribute must be created on reverse.

To create association or attribute creation rules on reverse

- 1. In the Model Browser, select the code engineering set for reverse.
- 2. Right-click the set and choose the **Reverse** command. The **Reverse Options** dialog opens.
- 3. In the Create class fields as area, select According to rules and click the use button. The Class Field Creation Rules dialog opens.

xpression	Create	Add
[DataType Type]	Attribute	Edit
		Remove
		Up
		Down
If rule do not match, create da	ss field as:	
○ Attribute		
Association		

4. Click Add to add a rule.

Managing association or attribute creation on reverse rules

The **Class Field Creation Rules** dialog box lists the described rules. If a type qualified name matches any rule, a specified type is created. Rules described in this dialog are executed in order from top to bottom. If one rule matches, no others are executed. The dialog allows you to add a new rule, edit or remove an old one, and reorder rules.

- If no rules are matched, an attribute or association is created according the radio button choice at the bottom of the dialog.
- Click Add to add an expression.
- Click Edit to edit a selected rule.

To define rules

You can define rules in the Rules dialog. Click the Add or Edit button in the Class Field Creation dialog to open this dialog.

🔀 Rule	×
Create: Attribute If property type matches both: Qualified Name: * Element Type: Qr <unspecified></unspecified>	•
OK Cancel Help)

The Rules dialog box description:

- In the Create drop-down list, choose Attribute or Association on reverse if a property matches a defined criterion.
- The Qualified Name text box supports simple search patterns, as well as '*' and '?' symbols. The Qualified Name pattern can contain a qualified name of the target element including a separator of a UML separator style (::). The qualified • name is counted to the first package with the «ModelLibrary» stereotype.
- The Element Type drop-down list contains a subset of UML Type names: Any, Class, Interface, DataType, Primitive, Enumeration, Stereotype values are displayed.
- If the **<UNSPECIFIED>** value is selected in the **Element Type** drop-down list, the element type is matched by the qualified name expression.

Sample of the association creation on reverse (java) samples the samples show how to create associations among reversed classes, while avoiding creating associations to the used libraries (java).

If you place your classes inside the package "com::myProduct", you must follow these Creation rules: Related Pages:

- Rutheate Association in the before a value of a second and the s
- Collabergles do not enatch, create class fields as attributes.
- Generating Code
- Reverse Options
 If you place your classes inside two packages "myClient" and "myServer", the Creation rules should be:
 Code Engineering
 - Files of Properties
 - Jachenel 5.555/2007/1,9f the type name "match" path "myClient::*" with an <UNDEFINED> meta type.
 C++ Code Engineering
 - COreate Association, Tothemupe name "match" path "myServer:: " with an <UNDEFINED> meta type.
 - · If the rules do not match, create class fields as attributes.