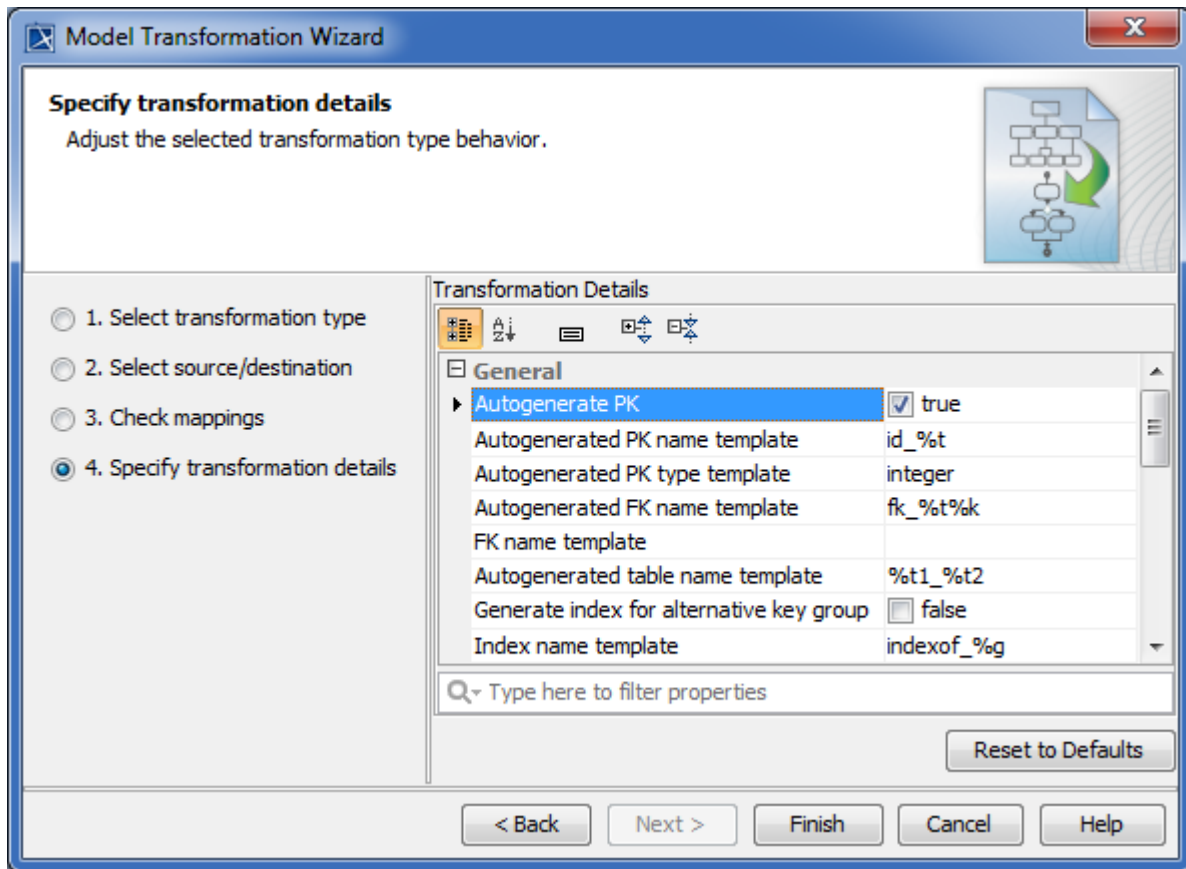


Transformation properties

This is the complete list of properties available in UML to SQL(Generic / Oracle) transformation in the **Model Transformation Wizard** (For more information about this wizard, see [Model Transformation Wizard](#) in MagicDraw User Guide).



Model transformation wizard for UML to SQL (Generic/Oracle) transformation with Specify transformation details wizard step.

Property name	Description
Autogenerated PK name template	If the class has no PK column in the ER model, this transformation parameter for the autogenerated column name will generate the PK. You may specify the pattern for the PK name. Default "id_%t", where %t is replaced by the name of the table.
Autogenerated PK type template	Specifies the type of the autogenerated PKs. Default: integer.
Autogenerated FK name template	The foreign keys are automatically generated to implement the relationships between classes. This transformation parameter autogenerates a FK name. You may specify the pattern for the name. Default: "fk_%t%k%", where %t is replaced by the name of the table, the foreign key is pointing. The %k is replaced by the key name, to which this foreign key points. The %r is replaced by the name of the relationship, which is realized with this foreign key.
Autogenerated table name template	This transformation parameter autogenerates table name. You may specify the pattern for the name. Default "%t1_%t2", where %t1 is replaced by the name of the first table, %t2 - second table. The %r pattern (name of relationship) is also supported.
Generated index for alternative keys	If <i>true</i> , generates index for «AK». Default: false
Index name template	If the above option is set to <i>true</i> , you may choose the template for the index name. Template may contain %g pattern, which will be replaced with AK group name. Default: indexof_%g

Change package hierarchy	Choose option for packages from transformation source: to strip all the package hierarchy, or flatten the package hierarchy down to the first level where each package is transformed into the schema. Default: Flatten packages
Treat composition relationship as identifying	If this option is set to <i>true</i> , the composition associations are treated as if the «identifying» stereotype were applied to them. Default: true
Default association end multiplicity	If multiplicity was not specified in model, defined multiplicity will be set after transformation. Default: 1
Generalization Tree transformation strategy	Selects the strategy to be used for converting generalization trees. Default: Multiple Values, Decomposed Object
Selector Column Name	Name of selector column for the merged table strategy of generalization conversion Default: typeSelector Note: together with selector type and type modifier this gives typeSelector:char(255) column.
Selector Column Type	Type of the selector column for the merged table strategy of generalization conversion. Default: char
Selector Column Type Modifier	Type modifier of the selector column for the merged table strategy of generalization conversion Default: 255
Max Duplicated Columns	Threshold for multivalue property conversion strategies - maximum number of columns for which the column duplication strategy is used. If exceeded, auxiliary value table is used. Default:3
Value Table Name	Name of the value table (to be generated when converting multivalue properties). %t pattern is expanded to table name, %r - name of the original property. Default: %t_%r_VALUES (e.g Person_phone_VALUES table will be generated for Person::phone[0..5] property in the source)
Autogenerate Sequences*	Selects wherever and when sequences are generated for PKs Default: Generate sequences for all single-column PKs
Autogenerated Sequence Name*	Name of the generated sequences. %t pattern is expanded to table name. Default: %t_SEQ
Autogenerate PK	If <i>true</i> , primary keys are generated automatically. For more information, see Primary keys autogeneration .
Enumeration transformation strategy	For more information, see Conversion of enumerations .
Expand datatypes	For more information, see Conversion of DataTypes .
Expanded datatype column name template	For more information, see Conversion of DataTypes .
Name conversion rules	One or more rules for element name conversion. For more information, see Naming of transformed elements .
FK name template	An FK name template definition. You can use specific names and patterns, such as %t (a table name) or %r (a relationship role). For more information, see Conversion of associations .
Elements exclusion rules	One or more rules for elements' exclusion from the transformation. For more information, see Excluding elements from transformation .

Allow HTML in comments	If <i>true</i> , SQL comments in DDL script retain HTML formatting information. For more information, see Transforming documentation .
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* - These properties are available only for UML to SQL (Oracle) transformation.

Related page

- [Model Transformation Wizard](#)