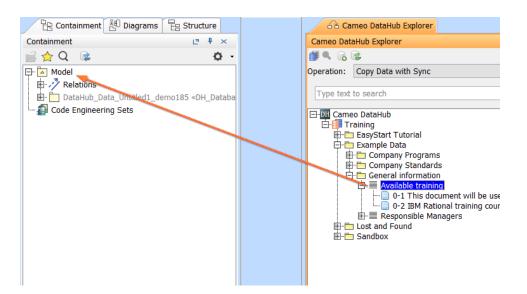
## Mapping source and target types to copy data to and from a modelling tool

Data can be copied into the MagicDraw<sup>®</sup> Containment area from other Data Sources. Data can also be moved from MagicDraw<sup>®</sup> into other Data Sources like DOORS and CSV repositories. You can use the Copy Data, Copy Data with Sync, and Copy Data with DHTrace operations to copy data. While moving the data, the **Copy Data** dialog or **Copy Data** with **Sync** dialog prompts you to map the source and target types as well as their attribute types. After you map the source and target types, you can copy the data.

To copy data into MagicDraw® or to copy data to other Data Sources

1. Drag the data node to another Data Source, e.g., DOORS.



The export dialog, e.g., **Copy Data with Sync** (depending on the operation you have selected from the DataHub **Operation** drop-down list), opens to allow you to map the source and target attribute.

这 Copy Data with Syr	nc				×
Copy Data with Sync Select all unmapped tar the nodes in the scope		olve ti	hem by defining the schema map. Data	Hub will create the DHLinks to m	aintain
Sync Direction:	Two-way Sync		One-way Sync from MagicDraw	One-way Sync to M	lagicDraw
Mapping Mode: Group	Type Mapping $\sim$				
IBM Rational DOORS Side	2		MagicDraw Side		
Copiect::/Example	e Data/General information/Ava Data/General information/Ava	ilable	Q- Type Filter Text   Parameter   ParameterSet   ParameterSet   ParameterSet   PrintitiveType   PrintitiveType   Select Attribute to Sync		<b>^</b>
			Formal::/Example Data/Gen	Package [MagicDraw::Untitl	Transformation
Define Target Type from Attribute Value		Created By(Readonly)			
Attribute: Created On	$\sim$		Created On(Readonly)		
Default Priority Value	Target		Last Modified By(Readonly)		
berdale money value	rurget	$\nabla$	Last Modified On(Readonly)		
			Name	Name	
			Prefix	prefix	
	6 0				<u>E</u> dit
					OK Cancel

The detail of each option in the export dialog is explained in the table below.

Option	Function			
Mapping mode	type mapping allow	dividual Type mapping or Group Type mapping. Individual s you to map the individual nodes themselves, and Group Type to map the node type as whole.		
	Mapping Mode:	Group Type Mapping 🗸 🗸		
		Group Type Mapping		
	CSV Side	Individual Type Mapping		
Set as default target type	The source nodes are mapped to the selected stereotype element type as default. The export dialog will not open when you copy the same type of data next time. This mapping option is only available for group type mapping mode. In this mapping			
Define Target Type from Attribute Value	mode, you can specify node values and their target types.			
Exclude all non-mapped nodes from DHLinks.	Unmapped nodes will not be copied, and the source nodes will be marked as excluded with an 'X' symbol. Unmapped nodes are marked with red circles beside them and the mapped ones have green circles.			
Sync Direction	Two-way sync, One-way Sync from MagicDraw and One-way Sync to MagicDraw Two-way sync changes the nodes on both ends, while one-way sync only synchronizes changes from the source node to the target node.			

- 2. Choose a mapping type, either individual or group. Map the source types to target types and map source attributes to target attributes. When the nodes have all been mapped, the red circles beside them change to green. You can select the Exclude all non-mapped nodes from DHLinks, check box to exclude nodes which have not been mapped from being copied.
- 3. Click **OK**. The nodes are copied to the MagicDraw<sup>®</sup> Containment area.

## Related page

• DataHub Operation drop-down list