

# Default data mapping

When [importing](#) data to a modeling tool, or [exporting](#) it to the Teamcenter repository, Teamcenter items are automatically converted to SysML elements or vice versa. Data is converted by using predefined mapping rules, described in the tables below. However, you can [customize element mapping rules](#) if needed.

Mapping direction: Teamcenter modeling tool	
Item in the Teamcenter repository	SysML element in a modeling tool
BOMView	Package
BOMView Revision	
Folder	
Analysis Request Revision	
Item	Block
Item Revision	
Part Revision	
System Block Revision	
Requirement Revision	Requirement
Requirement Specification Revision	
Interfaces	Port
Network Port	
Logical Port	Flow Port
Logical Connection Revision	Connector
PSCONNECTIONRevision	
Function (inherited from BOMLine)	Call Behavior Action
Function Revision	Activity
BOMLine	Part Property
BlockRequirementTraceLink	Satisfy
FunctionRequirementTraceLink	Refine
FunctionBlockTraceLink	Allocate
RequirementTraceLink	DeriveReq
TraceLink	Trace
ValueProperty	Value Property
Connection_Terminal	Parameter
Mapping direction: modeling tool Teamcenter	
SysML element in a modeling tool	Item in the Teamcenter repository
Package	Folder
Block	System Block Revision
Requirement	Requirement Revision
Port	Network Port
Proxy Port	Logical Port
Flow Port	

Connector	Logical Connection Revision
Call Behavior Action	Function (inherited from BOMLine)
Activity	Function Revision
Part Property	BOMLine
Satisfy	Trace (BlockRequirementTraceLink)
Refine	Trace (FunctionRequirementTraceLink)
Allocate	Trace (FunctionBlockTraceLink)
DeriveReq	Trace (RequirementTraceLink)
Trace	Trace (TraceLink)
Value Property	Value Property

#### Related pages

- [Importing data](#)
- [Exporting data](#)
- [Customizing or creating data mapping rules](#)
- [Mapping element properties](#)