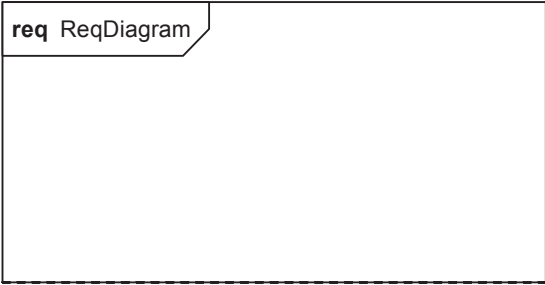


16.2.1 Requirement Diagram

Table 16.1 - Graphical nodes included in Requirement diagrams

Node Name	Concrete Syntax	Abstract Syntax Reference									
Requirement Diagram		SysML::Requirements::Requirement, SysML::ModelElements::Package									
Requirement	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">«requirement» Requirement Name</td> </tr> <tr> <td style="text-align: center;">derived «requirement» Derived Req Name</td> </tr> <tr> <td style="text-align: center;">derivedFrom «requirement» DerivedFrom Req Name</td> </tr> <tr> <td style="text-align: center;">master «requirement» Master Req Name</td> </tr> <tr> <td style="text-align: center;">refinedBy «namedElement» Element Name</td> </tr> <tr> <td style="text-align: center;">satisfiedBy «namedElement» Element Name</td> </tr> <tr> <td style="text-align: center;">tracedTo «namedElement» Element Name</td> </tr> <tr> <td style="text-align: center;">verifiedBy «namedElement» Element Name</td> </tr> <tr> <td style="text-align: center;">Id = "62j32" Text = "The system shall do..."</td> </tr> </table>	«requirement» Requirement Name	derived «requirement» Derived Req Name	derivedFrom «requirement» DerivedFrom Req Name	master «requirement» Master Req Name	refinedBy «namedElement» Element Name	satisfiedBy «namedElement» Element Name	tracedTo «namedElement» Element Name	verifiedBy «namedElement» Element Name	Id = "62j32" Text = "The system shall do..."	SysML::Requirements::Requirement
«requirement» Requirement Name											
derived «requirement» Derived Req Name											
derivedFrom «requirement» DerivedFrom Req Name											
master «requirement» Master Req Name											
refinedBy «namedElement» Element Name											
satisfiedBy «namedElement» Element Name											
tracedTo «namedElement» Element Name											
verifiedBy «namedElement» Element Name											
Id = "62j32" Text = "The system shall do..."											
NamedElement	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">«namedElement» Element Name</td> </tr> <tr> <td style="text-align: center;">refines «requirement» Requirement Name</td> </tr> <tr> <td style="text-align: center;">satisfies «requirement» Requirement Name</td> </tr> <tr> <td style="text-align: center;">tracedFrom «requirement» Requirement Name</td> </tr> <tr> <td style="text-align: center;">verifies «requirement» Requirement Name</td> </tr> </table>	«namedElement» Element Name	refines «requirement» Requirement Name	satisfies «requirement» Requirement Name	tracedFrom «requirement» Requirement Name	verifies «requirement» Requirement Name	UML4SysML::NamedElement				
«namedElement» Element Name											
refines «requirement» Requirement Name											
satisfies «requirement» Requirement Name											
tracedFrom «requirement» Requirement Name											
verifies «requirement» Requirement Name											