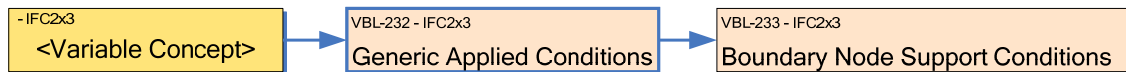


IFC Release Specific Concept Description (IFC2x3)

Boundary Point Support Conditions

Reference	VBL-233	Version	2	Status	Proposal
Relationships	Implements general concept 'Structural Point Support Conditions'.				
History	Created 23.10.2006, improved 28.9.2007				
Authors	Sakari Lehtinen				
Document Owner	Virtual Building Laboratory @ TUT (sakari.lehtinen@tut.fi)				

Usage in view definition diagram



Instantiation diagram

Generic Applied Conditions

IfcStructuralPointConnection
 + GlobalId
 + OwnerHistory >
 Name
 Description
 ObjectType
 ObjectPlacement >
 Representation >
 AppliedCondition >

IfcBoundaryNodeCondition
 Name
 LinearStiffnessX
 LinearStiffnessY
 LinearStiffnessZ
 RotationalStiffnessX
 RotationalStiffnessY
 RotationalStiffnessZ

Boundary Node Support Conditions

Implementation agreements

IfcStructuralPointConnection

Attribute	Implementation agreements
GlobalId	N/A
OwnerHistory	N/A
Name	N/A
Description	N/A
ObjectType	N/A
ObjectPlacement	N/A
Representation	N/A
AppliedCondition	Must be IfcBoundaryNodeCondition. Used for defining the conditions of node supports. The connection conditions are defined in relation entities of the connections.

This document uses the official IFC Model View Definition Format version 1.1.0. of the IAI (www.iai-international.org)
 The content of this document has to be certified by the IAI before becoming part of an official IFC Model View Definition.