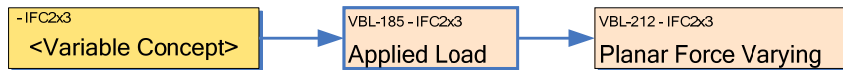


IFC Release Specific Concept Description (IFC2x3)

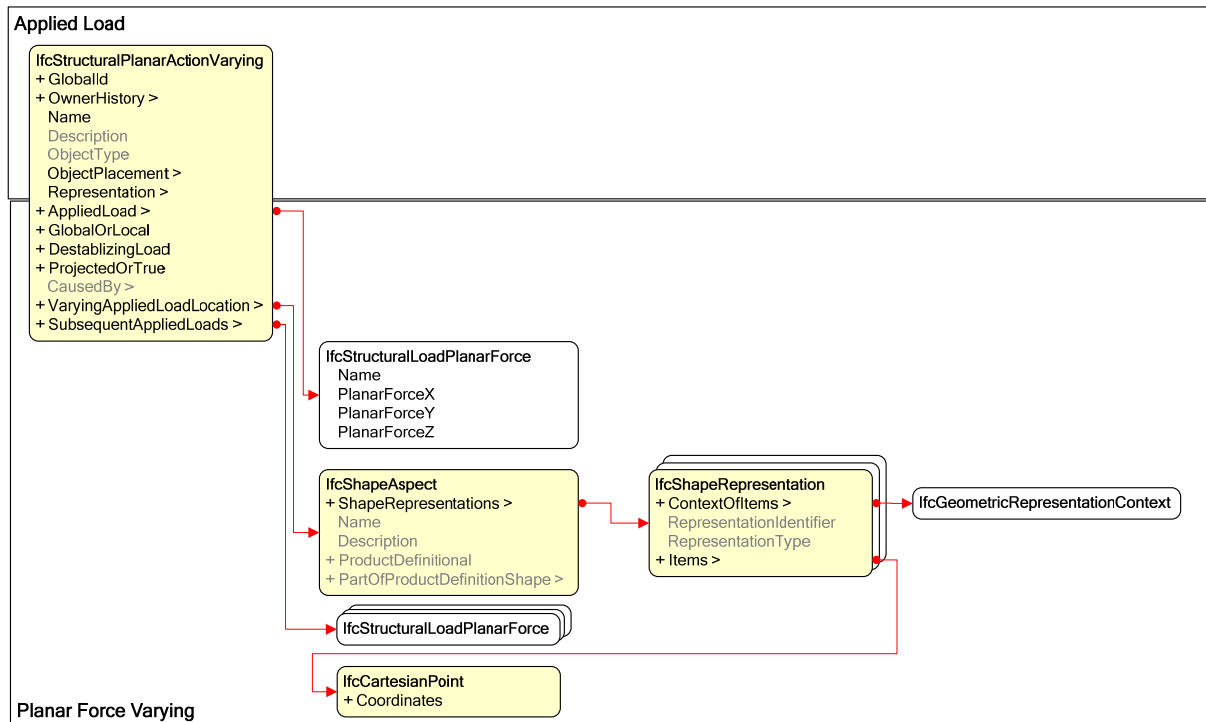
Planar Force Varying

Reference	VBL-212	Version	2	Status	Proposal
Relationships	Implements general concept 'Planar Force Varying'.				
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



Implementation agreements

IfcStructuralPlanarActionVarying

Attribute	Implementation agreements
GlobalId	N/A
OwnerHistory	N/A
Name	N/A
Description	N/A
ObjectType	N/A
ObjectPlacement	N/A
Representation	N/A
AppliedLoad	Must be IfcStructuralLoadPlanarForce.
GlobalOrLocal	N/A
DestabilizingLoad	N/A
CausedBy	N/A
ProjectedOrTrue	N/A
VaryingAppliedLoadLocation	N/A
SubsequentAppliedLoads	Must be IfcStructuralLoadPlanarForce.

VaryingAppliedLoads N/A

IfcShapeAspect

Attribute	Implementation agreements
ShapeRepresentations	Must be IfcShapeRepresentation
Name	Not used.
Description	Not used.
ProductDefinitional	Not used.
PartOfProductDefinitionShape	Not used.

IfcShapeRepresentation

Attribute	Implementation agreements
ContextOfItems	N/A
RepresentationIdentifier	Not used.
RepresentationType	Not used.
Items	Must be one IfcCartesianPoint

IfcCartesianPoint

Attribute	Implementation agreements
Coordinates	Must have three dimensions.
Dim	N/A

Additional information

P21 example

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.