

IFC Release Specific Concept Description (IFC2x3)

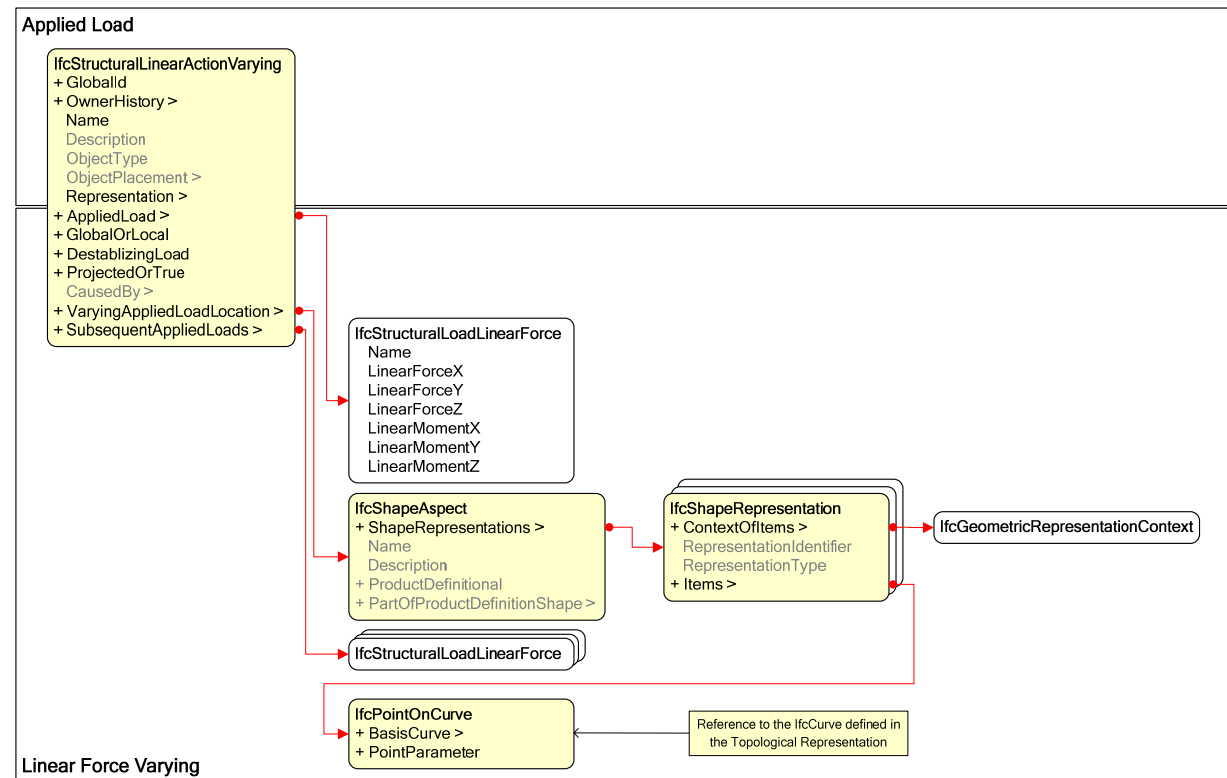
Linear Force Varying

Reference	VBL-340	Version	2	Status	Proposal
Relationships	Implements general concept 'Linear Force Varying'.				
History	Created 23.10.2006, improved 28.9.2007				
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Usage in view definition diagram



Instantiation diagram



Implementation agreements

IfcStructuralLinearActionVarying

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 IfcStructuralLoadLinearForce.
GlobalOrLocal	N/A
DestabilizingLoad	N/A
CausedBy	N/A
ProjectedOrTrue	N/A

VaryingAppliedLoadLocation	N/A
SubsequentAppliedLoads	Must be IfcStructuralLoadLinearForce.
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 IfcPointOnCurve.
IfcPointOnCurve	
Attribute	Implementation agreements
BasisCurve	Reference to the IfcCurve defined in the topological representation of the action.
PointParameter	N/A
Dim	N/A

Additional information

P21 example

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The content of this document has to be certified by the IAI before becoming part of an official IFC Model View Definition.