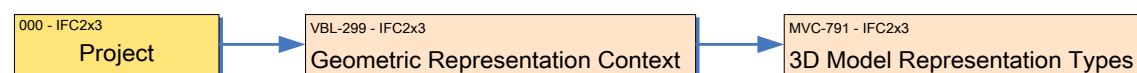


IFC Release Specific Concept Description (IFC2x3)

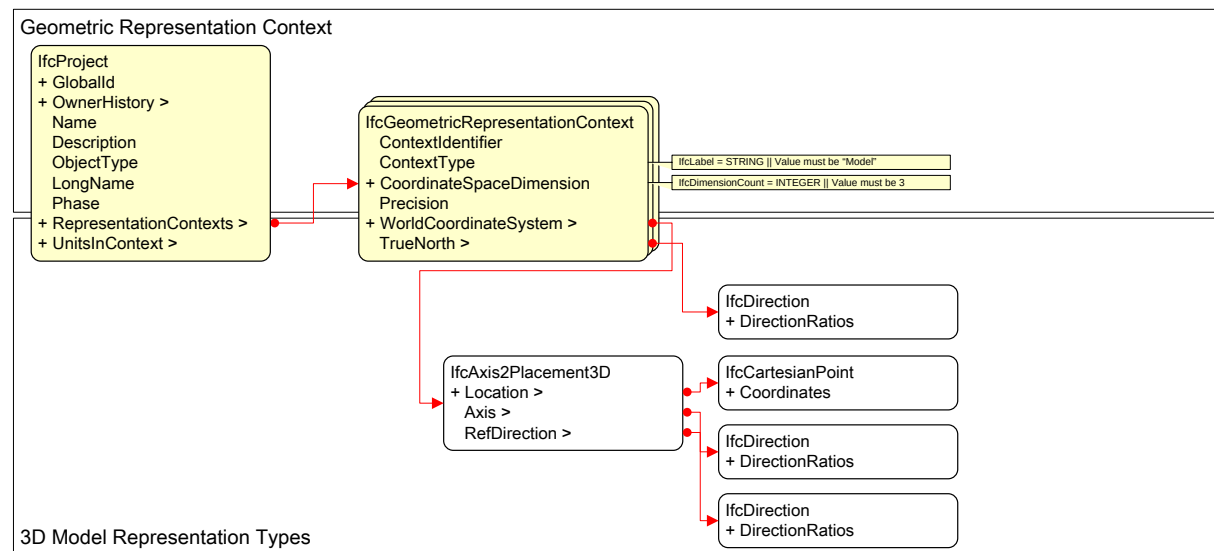
3D Model Representation Types

Reference	MVC-791	Version	3	Status	Candidate
Relationships					
History	Document created 22-Feb-09; updated 10-Jun-10; Promoted to Shared Concept on 11-May-11				
Authors	Sakari Lehtinen, Richard See				
Document Owner	BLIS Consortium (www.blis-project.org)				

Usage in view definition diagram



Instantiation diagram



Implementation agreements

IfcProject

Attribute	Implementation agreements
GlobalId	Required. See Concept VBL-170
OwnerHistory	Required. See Concept VBL-156
Name	Optional. IfcIdentifier = STRING
Description	Optional. IfcText = STRING
ObjectType	Optional. IfcLabel = STRING
LongName	Optional. IfcLabel = STRING
Phase	Optional. IfcLabel = STRING
RepresentationContexts	Must be one IfcGeometricRepresentationContext
UnitsInContext	Required. See Concept VBL-359

IfcGeometricRepresentationContext

Attribute	Implementation agreements
ContextIdentifier	Optional. IfcLabel = STRING
ContextType	Required. IfcLabel = STRING. Value must be 'Model'.
CoordinateSpaceDimension	Required. IfcDimensionCount = INTEGER. Value must be 3.
Precision	Optional. IfcReal = REAL
WorldCoordinateSystem	Required. IfcAxis2Placement. Must be IfcAxis2Placement3D
TrueNorth	Required. IfcDirection. This establishes the rotational offset for the coordinate system -- relative to True North.

