IFC Release Specific Concept Description (IFC2x3)

Structural Analysis Model Building Assignment

Reference	VBE2-079	**Version**	1.0	**Status**	Draft
Relationships	Extends concept number: VBE2-077 (Building Service Assignment)				
History	Created 23.10.2006				
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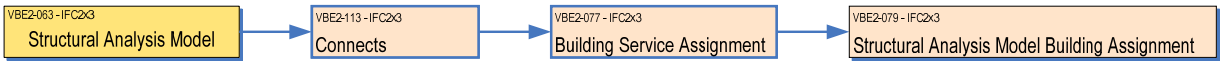
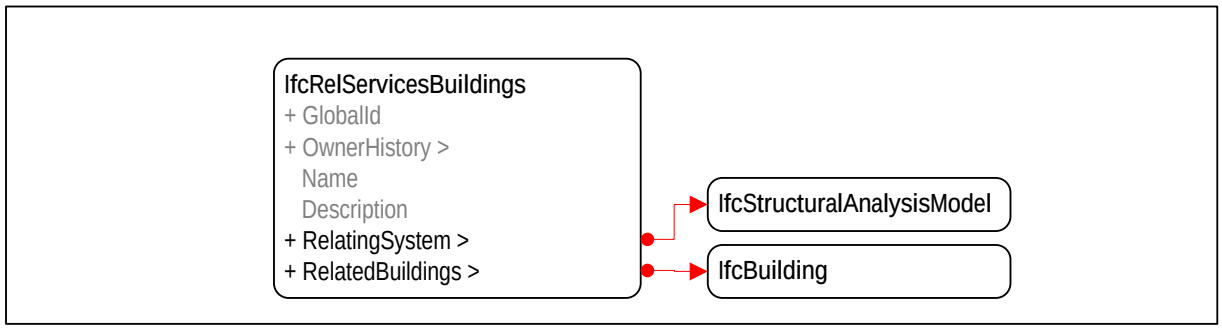
Document Owner	Tampere University of Technology				

Usage in view definition diagram



Instantiation diagram



Implementation agreements

- *GlobalID.* Providing a GUID is mandatory, but the GUID is allowed to change.
- *OwnerHistory.* Providing an OwnerHistory is mandatory, but it is allowed to use dummy data in the owner history.
- *Name.* Not used
- *Description.* Not used
- *RelatingSystem.* Shall be an instance of IfcStructuralAnalysisModel.
- *RelatedBuilding.* Shall be an instance of IfcBuilding.

Each IfcBuilding may be associated to several IfcStructuralAnalysisModel.

Additional information

P21 example

```
#38=IFCPROJECT('0HJL2L0NbCPrr2gE4njs9n',#2,'RBHD project',$,$,$,$,(#39),#40);
#267=IFCRELAGGREGATES('0Y3UvSfAjAL6hPc1c$pgr7',#2,$,$,#38,(#62));
#62=IFCSITE('2mhas2GcnF$bHcQty2b2an',#2,$,$,$,#46,$,$,.ELEMENT.,$,$,$,$,$);
#61=IFCRELAGGREGATES('39hz_mbNb0DKUUu7$UMJ81',#2,$,$,#62,(#37));
#37=IFCBUILDING('12pC6BnFT8NMzS3OTlpjLZ',#2,'Example Bulding',$,#45,$,$,.ELEMENT.,$,$,$);
#57=IFCRELAGGREGATES('3WNGnCoS19ybIe2kjE1e83',#2,$,$,#37,(#58,#59,#60));
#58=IFCBUILDINGSTOREY('0DSrD5EFn4PMnWzC2fybjC',#2,'Floor.1',$,$,#1495,$,$,.ELEMENT.,$);

#36=IFCRELSERVICESBUILDINGS('2HuYl8I_D3s7PGGIqk6Wxx',#2,$,$,#28,(#37));

#28=IFCSTRUCTURALANALYSISMODEL('2uRpA0c3HFLcW0f7ywxmPv',#2,'Example model',$,$,.LOADING_3D.,$,(#8,#16,#33),$);
```

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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.