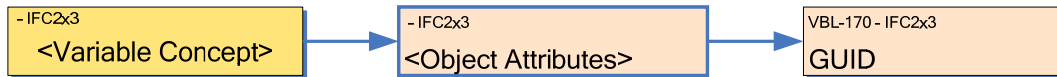


IFC Release Specific Concept Description (IFC2x3)

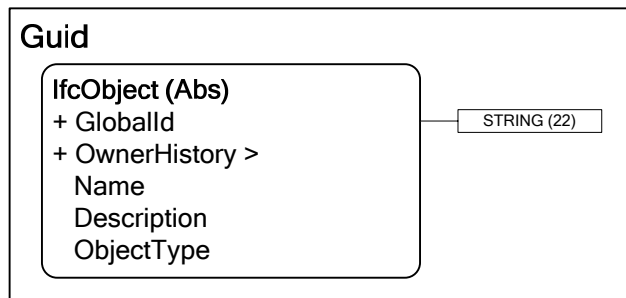
GUID

Reference	VBL-170	Version	1	Status	Proposal
Relationships	Implements general concept VBL-024 'Software Internal ID'.				
History	Created 23.10.2006				
Authors	Sakari Lehtinen				
Document Owner	Virtual Building Laboratory @ TUT (sakari.lehtinen@tut.fi)				

Usage in view definition diagram



Instantiation diagram



Implementation agreements

Definition from IAI: Holds an identifier that is unique throughout the software world. This is also known as a Globally Unique Identifier (GUID) or Universal Unique Identifier (UUID) by the Open Group. The identifier is generated using an algorithm published by the Object Management Group. The algorithm is explained at the open group [website](http://www.opengroup.org/tech/uuid/). The Microsoft Foundation Class (MFC) function "CoCreateGuid", which is an implementation of the above algorithm, has been used by many IFC implementers to create an identifier.

An identifier is a unique 128-bit number. Using 64 characters for the base the resulting compressed string needs 22 characters. For more information see the IFC's online documentation.

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.