Test for NanoLabBuilding/Test.5.ifcxml

Test Id	Input	Expected Result	Actual Result
1 – Metadata edits			
1.a Wall	Added name "Brick wall" to Wall with globalId "3mOwBroRn0qx2ivkTdrieB"	IfcWall with globalId "3mOwBroRn0qx2ivkTdrieB" should have name "Brick wall"	As expected.
1.b Opening	Added description "" to Opening with globalId "3lpoJTrGr66vc_Fmj63DDC"	IfcOpening with globalId "3lpoJTrGr66vc_Fmj63DDC" should have description "Opening for a pipe"	As expected.
1.c Pipe	Added name "Water pipe" to Pipe with globalId "3mOwBroRn0qx2ivkTdrifg"	IfcFlowSegment with globalId "3mOwBroRn0qx2ivkTdrifg" should have name ""Water pipe	As expected.
2 – Placement edits			
2.a Wall	Changed placement of Wall with globalId "3mOwBroRn0qx2ivkTdrieB"	IfcWall with globalId "3mOwBroRn0qx2ivkTdrieB" should have a new IfcLocalPlacement	As expected.
2.b Opening	Changed placement of Opening with globalId "3lpoJTrGr66vc_Fmj63DDC"	IfcOpeningElement with globalId "3lpoJTrGr66vc_Fmj63DDC" should have a new IfcLocalPlacement	As expected.
2.c Pipe	Changed placement of Pipe with globalId "3mOwBroRn0qx2ivkTdrifg"	IfcFlowSegment with globalId "3mOwBroRn0qx2ivkTdrifg" should now have a new IfcLocalPlacement	As expected.
3 – Give Openings more Walls			
3.a	Added Wall with globalId "3mOwBroRn0qx2ivkTdrieB" to Opening "3lpoJTrGr66vc_Fmj63DDC"	An IfcRelVoidsElement relating to the IfcWall and IfcOpening is created	As expected.
4. Delete Pipe			
4.a	Deleted Pipe with globalId "3mOwBroRn0qx2ivkTdrifg"	IfcFlowSegment with globalId "3mOwBroRn0qx2ivkTdrifg" should no longer be in the model.	As expected.
5. Add Opening			
5.a	Created a new Opening.	A new IfcOpeningElement with a new unique globalId should now be in the model.	As expected.
6. Add, Delete and Edit			
6.a	Added an Opening, deleted a Pipe with globalId "3mOwBroRn0qx2ivkTdrifg" and changed name a Wall with globalId "3mOwBroRn0qx2ivkTdrieB" to "Office Wall".	A new IfcOpeningElement should be in the model, IfcFlowSegment with globalId "3mOwBroRn0qx2ivkTdrifg" should no longer be in the model and IfcWall with globalId "3mOwBroRn0qx2ivkTdrieB" should be named "Office Wall"	As expected.