Test for NanoLabBuilding/Mathias_test_0.ifcxml

Test Id	Input	Expected Result	Actual Result
1 – Metadata edits			
1.a Wall	Added name "Blue wall" to Wall with globalId "2MFXaS0_1CExpPIggqpYzu"	IfcWall with globalId "2MFXaS0_1CExpPIggqpYzu" should have name "Blue wall"	As expected.
1.b Opening	No Openings in test file.		
1.c Pipe	Added name "Water pipe" to Pipe with globalId "2MFXaS0_1CExpPIggqpYxC"	IfcFlowSegment with globalId "2MFXaS0_1CExpPIggqpYxC" should have name ""Water pipe	As expected.
2 – Placement edits			
2.a Wall	Changed placement of Wall with globalId "2MFXaS0_1CExpPIggqpYzu"	IfcWall with globalId "2MFXaS0_1CExpPIggqpYzu" should have a new IfcLocalPlacement	As expected.
2.b Opening	No Openings in test file.		
2.c Pipe	Changed placement of Pipe with globalId "2MFXaS0_1CExpPIggqpYxC"	IfcFlowSegment with globalId "2MFXaS0_1CExpPIggqpYxC" should now have a new IfcLocalPlacement	As expected.
3 – Give Openings more Walls			
3.a	No Openings in test file.		
4. Delete Pipe			
4.a	Deleted Pipe with globalId "2MFXaS0_1CExpPIggqpYxC"	IfcFlowSegment with globalId "2MFXaS0_1CExpPIggqpYxC" 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 "2MFXaS0_1CExpPIggqpYxC" and changed name a Wall with globalId "2MFXaS0_1CExpPIggqpYzu " to "Office Wall".	A new IfcOpeningElement should be in the model, IfcFlowSegment with globalId "2MFXaS0_1CExpPIggqpYxC" should no longer be in the model and IfcWall with globalId "2MFXaS0_1CExpPIggqpYzu " should be named "Office Wall"	As expected.