# Test 1

**Shema file** => IFC2X3\_TC1.exp

**Coordination View**

**Wall** => No

**Opening** => No

**Window** => No

**HelloWall C++ output** => cpp test1.ifc

**HelloWall C# output** => cs test1.ifc

**Result** => equal number of rows

# Test 2

**Shema file** => IFC2X3\_TC1.exp

**Coordination View**

**Wall** => Yes

**Opening** => No

**Window** => No

**HelloWall C++ output** => cpp test2.ifc

**HelloWall C# output** => cs test2.ifc

**Result** => equal number of rows

# Test 3

**Shema file** => IFC2X3\_TC1.exp

**Coordination View**

**Wall** => Yes

**Opening** => Yes

**Window** => No

**HelloWall C++ output** => cpp test3.ifc

**HelloWall C# output** => cs test3.ifc

**Result** => equal number of rows

# Test 4

**Shema file** => IFC2X3\_TC1.exp

**Coordination View**

**Wall** => Yes

**Opening** => Yes

**Window** => Yes

**HelloWall C++ output** => cpp test4.ifc

**HelloWall C# out**put => cs test4.ifc

**Result** => equal number of rows

# Test 5

**Shema file** => IFC2X3\_TC1.exp

**Coordination View**

**Wall** => No

**Opening** => No

**Window** => Yes

**HelloWall C++ output** => cpp test5.ifc

**HelloWall C# output** => cs test5.ifc

**Result** => equal number of rows

# Test 6

**Shema file** => IFC2X3\_TC1.exp

**Presentation View**

**Wall** => Yes

**Opening** => Yes

**Window** => Yes

**HelloWall C++ output** => cpp test6.ifc

**HelloWall C# output** => cs test6.ifc

**Result** => equal number of rows

# Test 7

**Shema file** => IFC2X3\_TC1.exp

**Coordination View**

**Wall** => Yes

**Body representation** => Extruded Polygon

**Opening** => Yes

**Body representation** => Extruded Polygon

**Window** => No

**HelloWall C++ output** => cpp test7.ifc;

**HelloWall C# output** => cs test7.ifc

**Result** => equal number of rows

# Test 8

**Shema file** => IFC4.exp

**Coordination View**

**Wall** => Yes

**Body representation** => Extruded Polygon

**Opening** => Yes

**Body representation** => Extruded Polygon

**Window** => No

**HelloWall C++ output** => cpp test8.ifc;

**HelloWall C# output** => cpp test8.ifc

**Result** => equal number of rows

# Test 9

**Shema file** => IFC4.exp

**Coordination View**

**Wall** => No

**Opening** => No

**Window** => Yes

**Body representation** => Extruded Polygon

**HelloWall C++ output** => cpp test9.ifc;

**HelloWall C# output** => cpp test9.ifc

**Result** => equal number of rows