

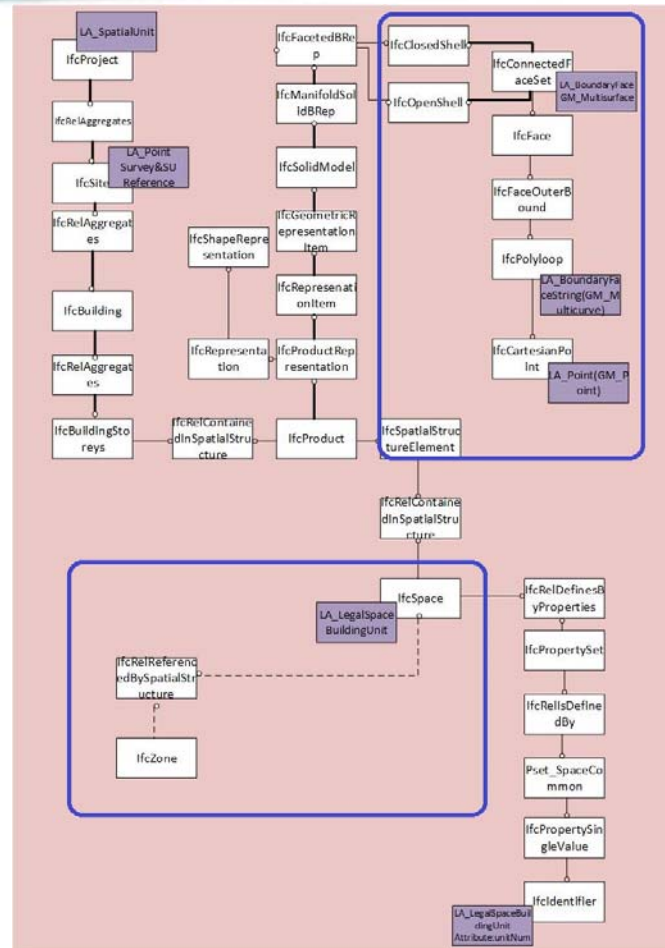
Using IFC Boundary Representation to Model LADM Legal Spaces

Jennifer Oldfield



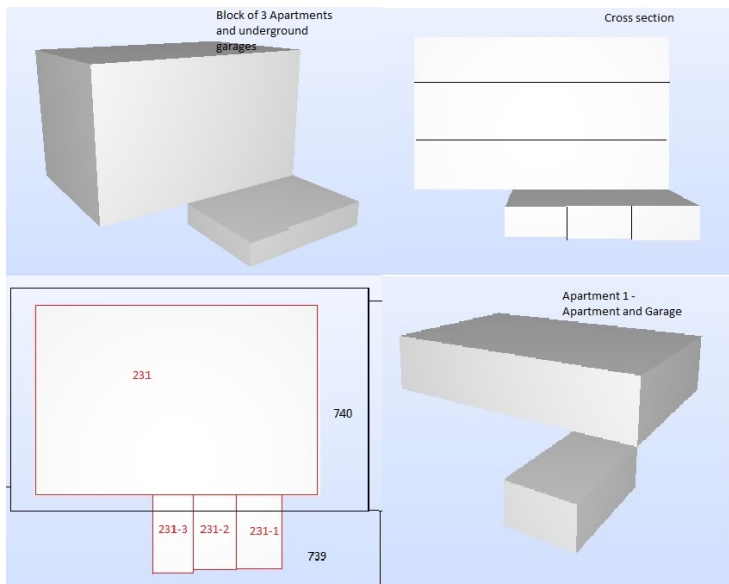
LADM mapped to IFC

- IfcProject
- IfcSpaces/Zones
- IfcConnected Face Set/Polyloop/Cartesian Points



IfC Topological Legal Space Objects

Ifc Land Registration



Geometry in IFC

```
#401=  
IFCPOLYLOOP((#382,#375,#373,#389));  
#403= IFCFACEOUTERBOUND(#401,.T.);  
#404= IFCFACE((#403));  
#406=  
IFCCLOSEDSHELL((#371,#380,#387,#394,#3  
99,#404));  
#408= IFCFACETEDBREP(#406);
```