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TÖRÄKANPOIETO KIILETTY  
TOBAKSÄUKINGE FORBÄDEN

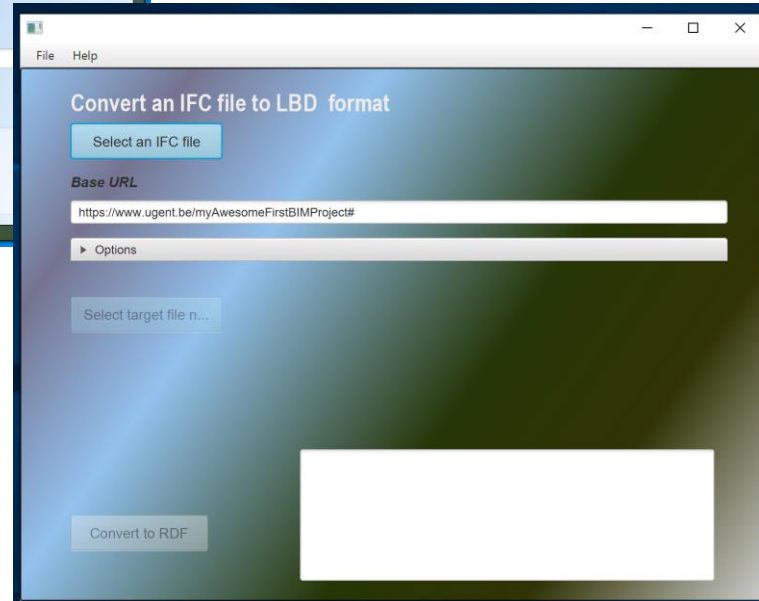
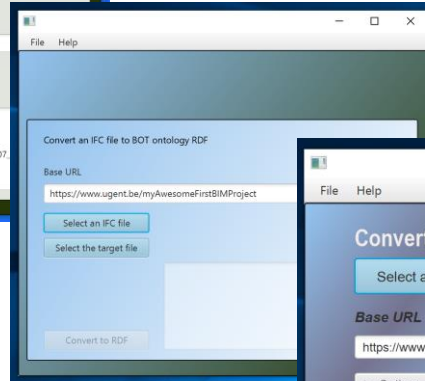
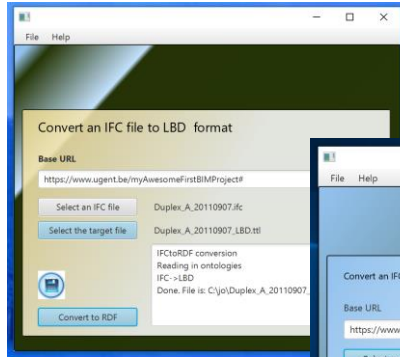
# The IFCtoLBD converter

*LDAC 2018, London*



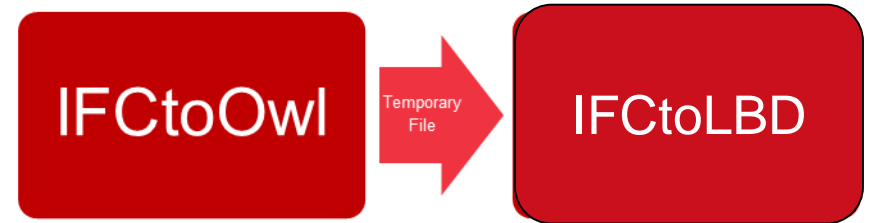
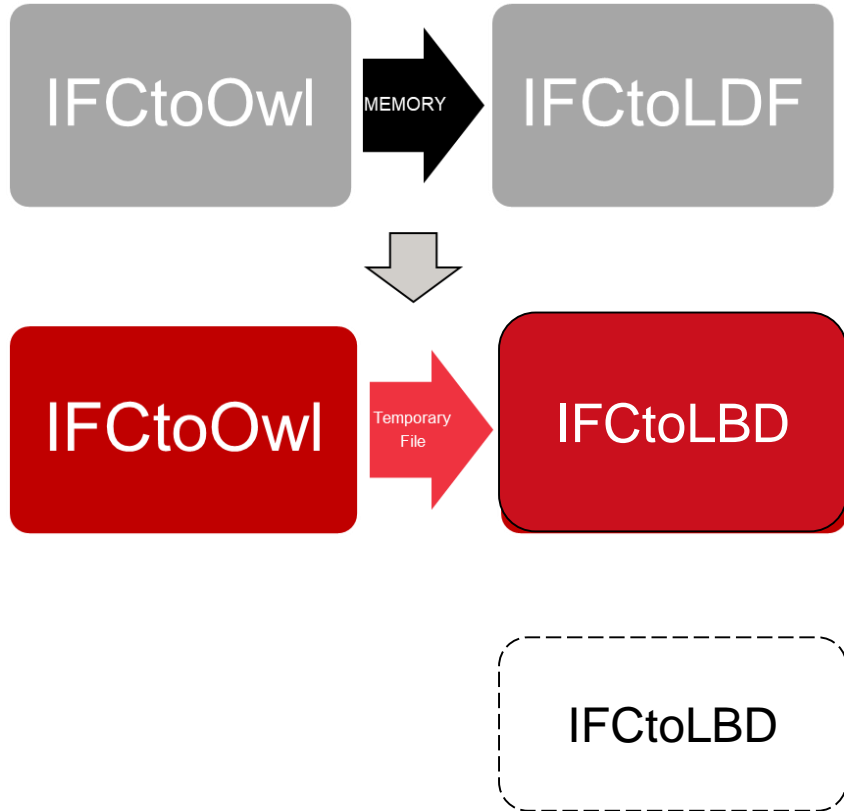


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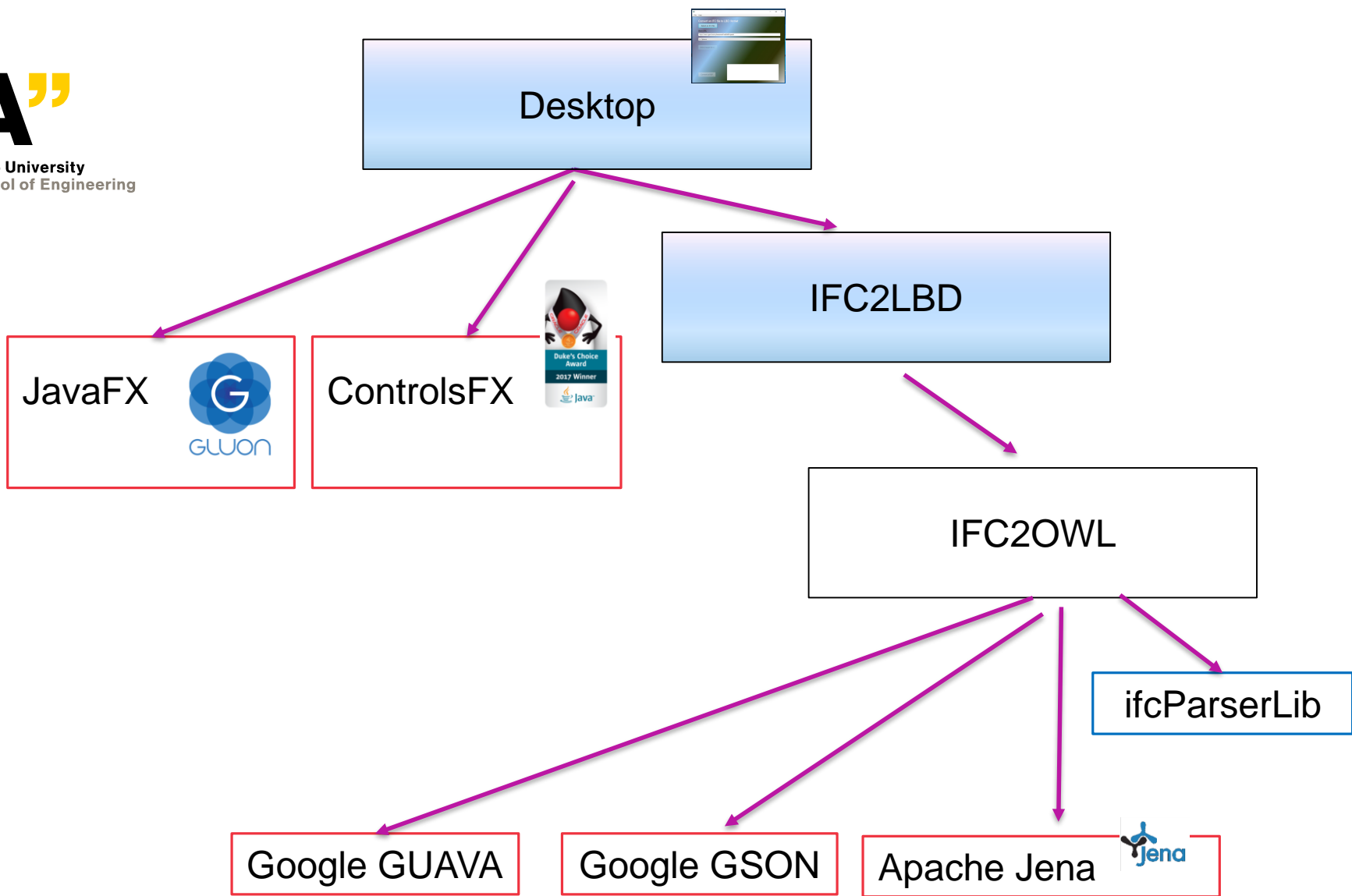


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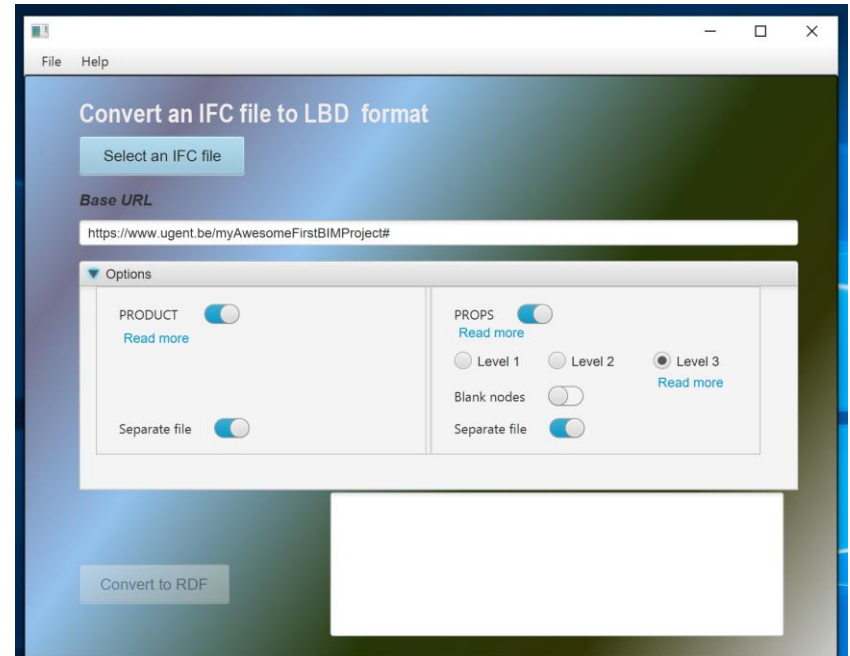
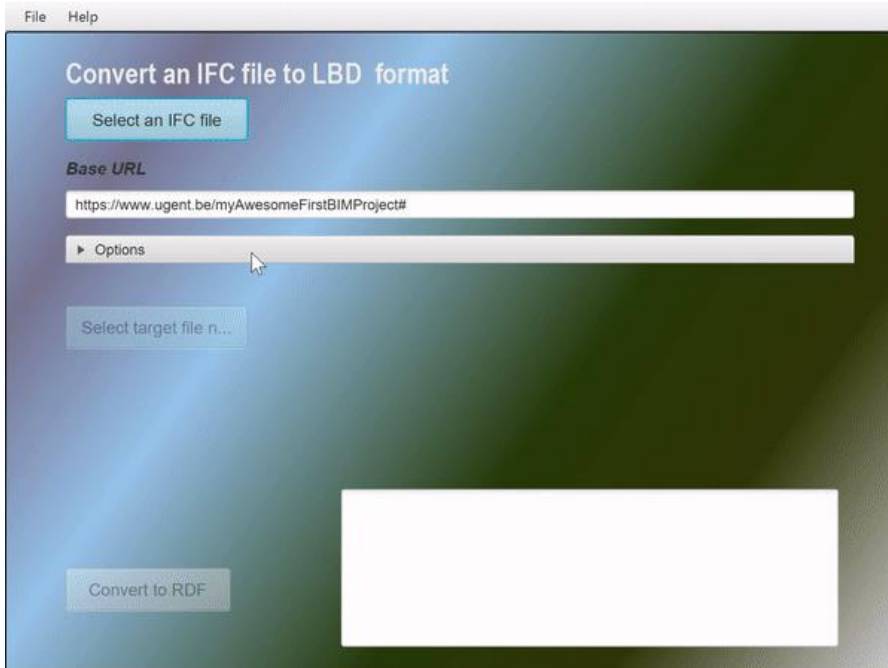
Maven / Eclipse

Java 1.8





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<https://github.com/jyrkioraskari/IFCtoLBD>

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Latest commit #86efd5 6 days ago

21 days ago

6 days ago

```
cd ifc2rdf_library
mvn clean
mvn install
cd ..
cd converter
mvn clean
mvn install
```

Precompiled binaries are available for:

Java 8

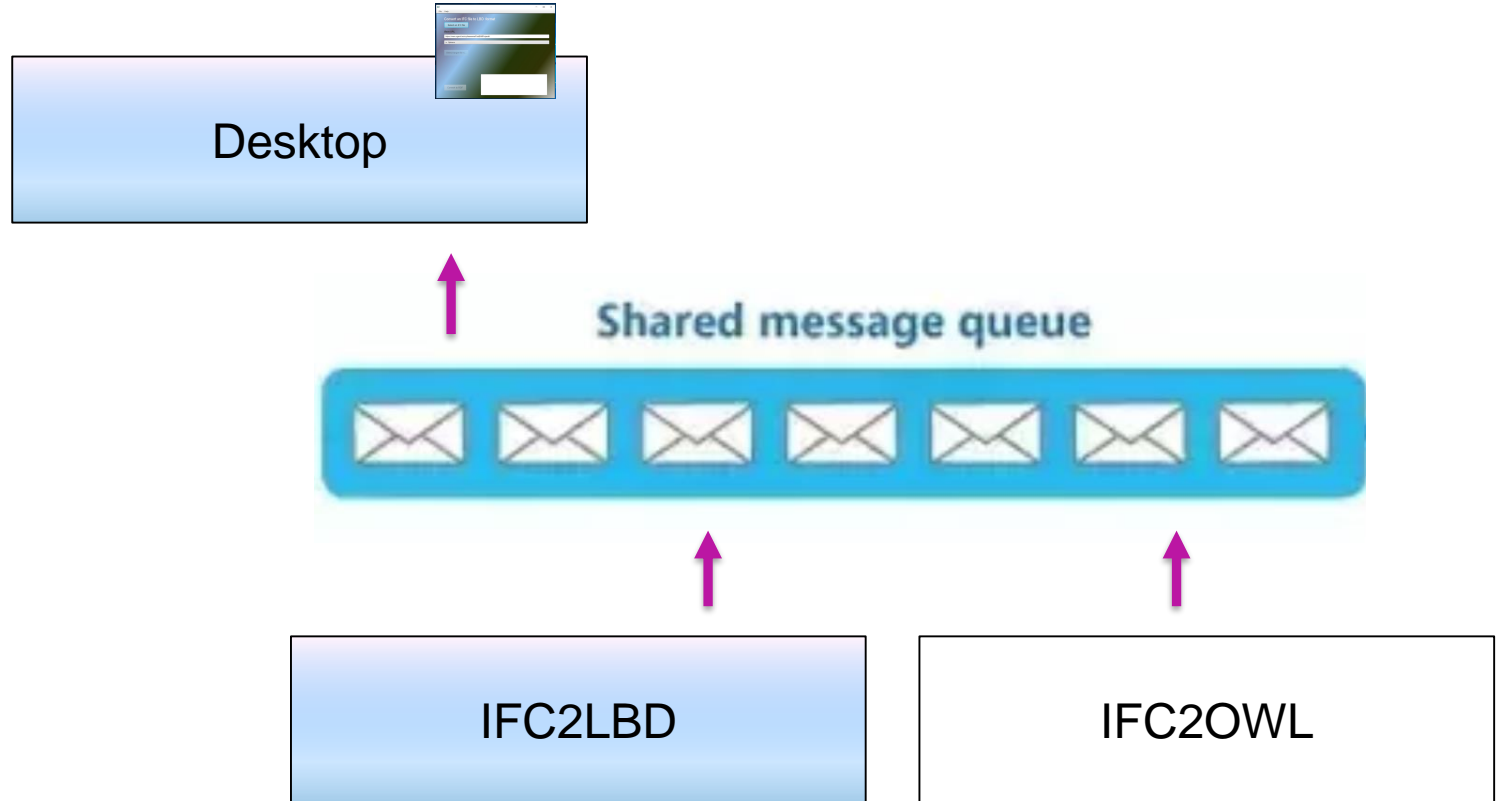
Java 10

The screenshot shows the GitHub repository page for 'jyrkioraskari/IFCtoLBD'. It includes the repository name, navigation tabs (Code, Issues, Pull requests, Projects, Insights), and a list of files. The 'README.md' file is selected, showing its content. The README includes the following information:

- IFCtoLBD**
- Version 1.71
- Contributors: Jyrki Oraskari and Mathias Bondue
- A description of the repository's purpose: converting IFC STEP formatted files into Resource Description Framework (RDF) triples.
- Information about precompiled desktop applications: 'IFCtoLBD-Desktop.jar' and 'IFCtoLBD-Desktop Java 10'.
- Instructions on how to run the JAR file using Java JDK version 8.
- A note that the file can be run by clicking it, with 'run.bat' being faster for large files.
- A troubleshooting tip: 'If the program does not start, try the following command at the command line: "java -jar IFCtoLBD-Desktop.jar".'
- A section titled 'Compiling the code' with instructions on how to compile using Maven and Java JDK, and a list of environment variables to set.

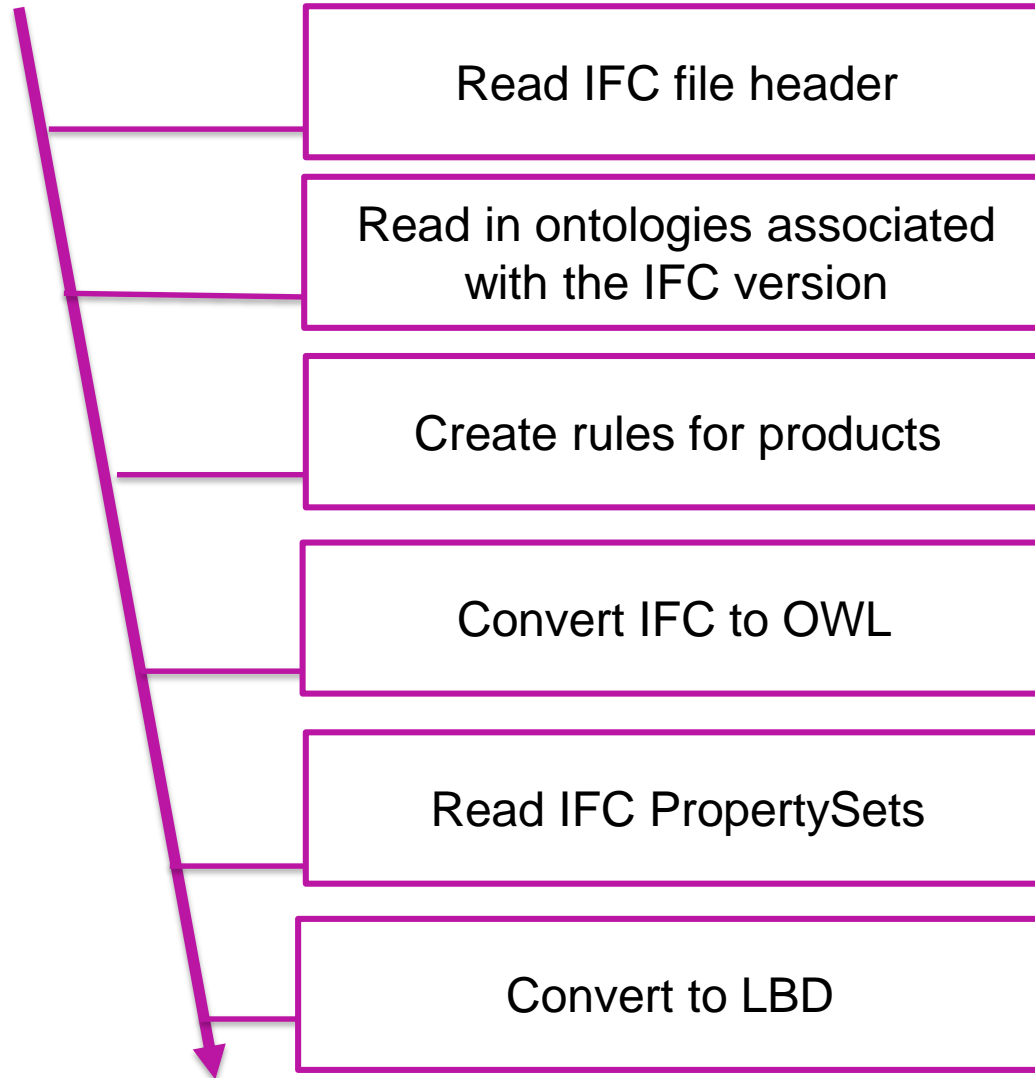


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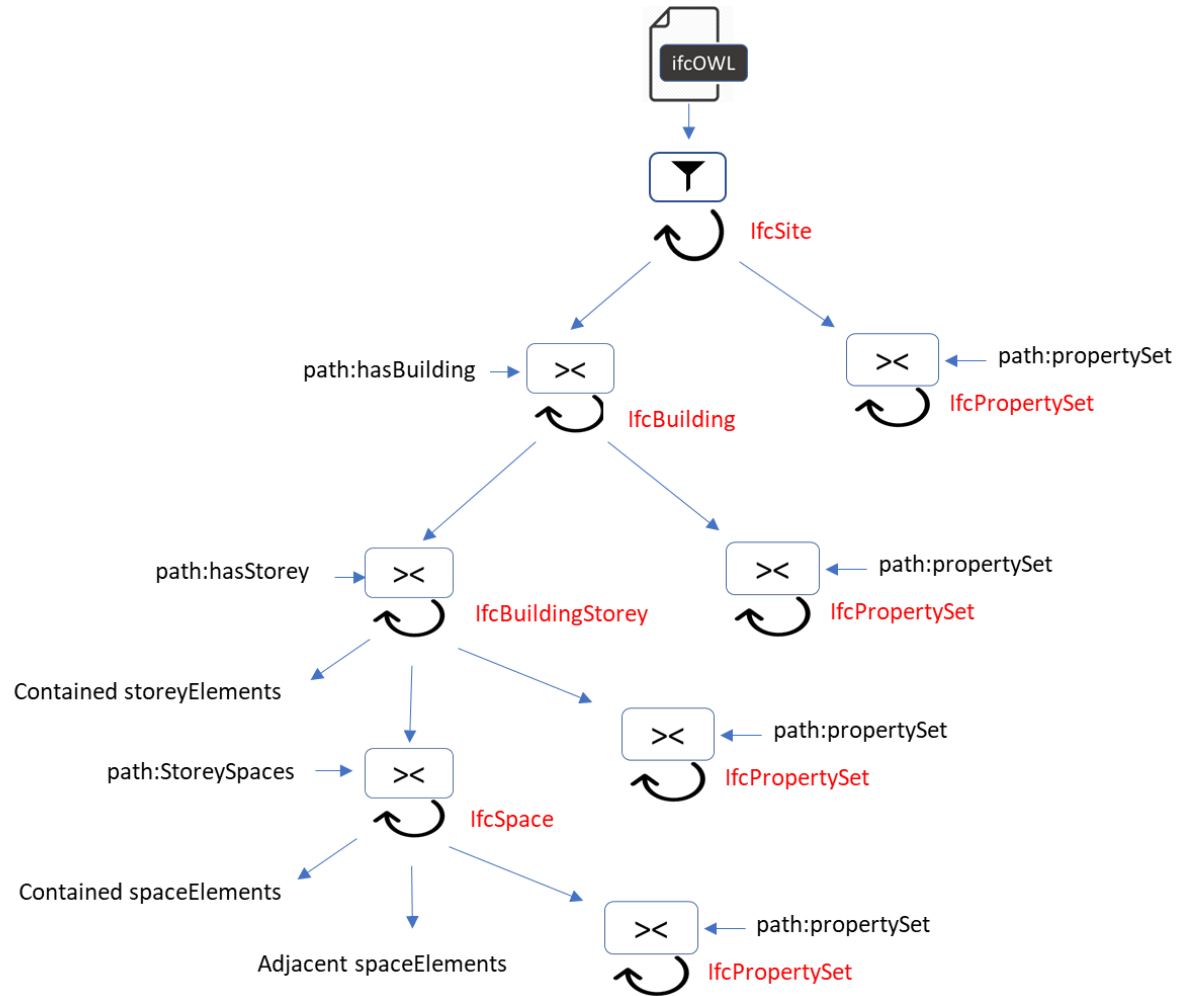


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Use RDF-path to project an IFC node to nodes

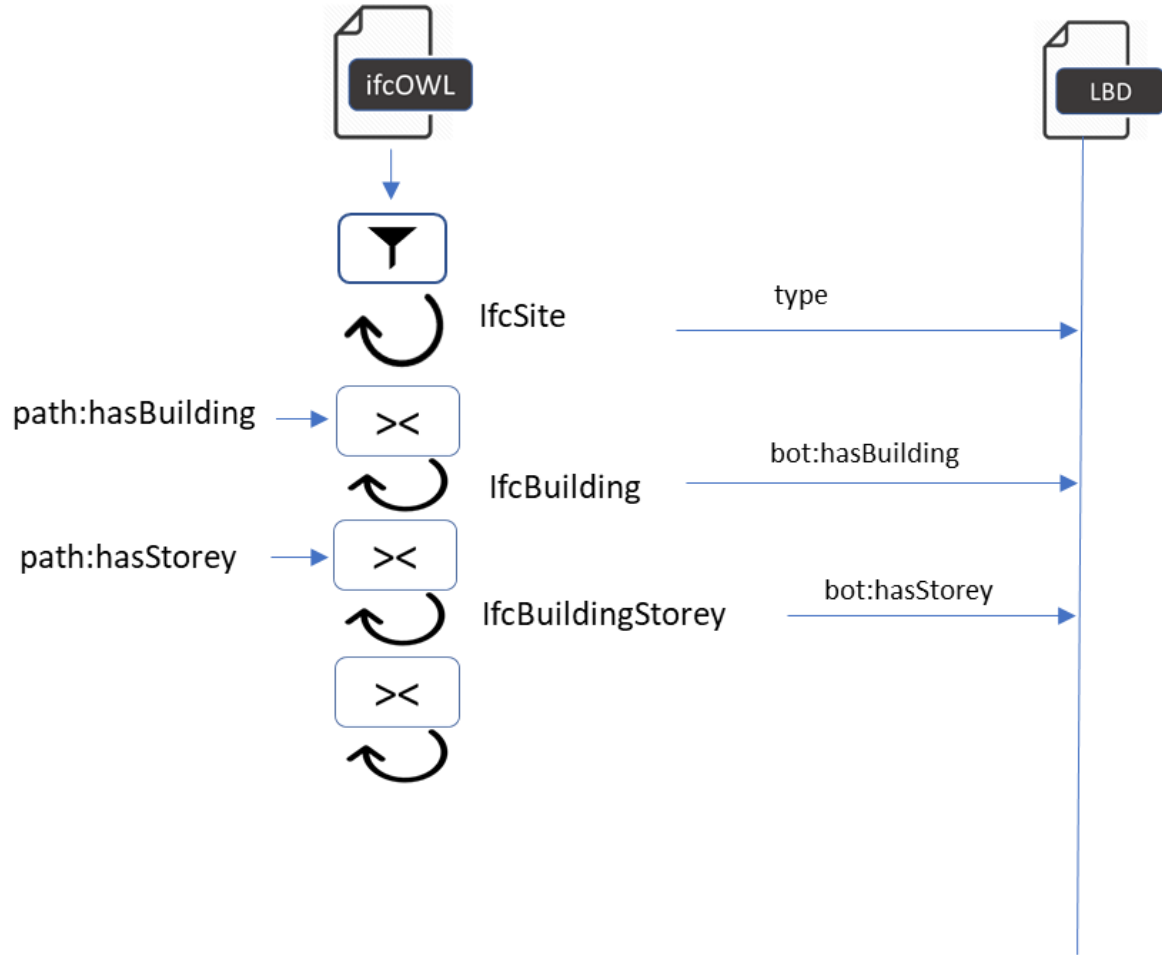


Process nodes



```

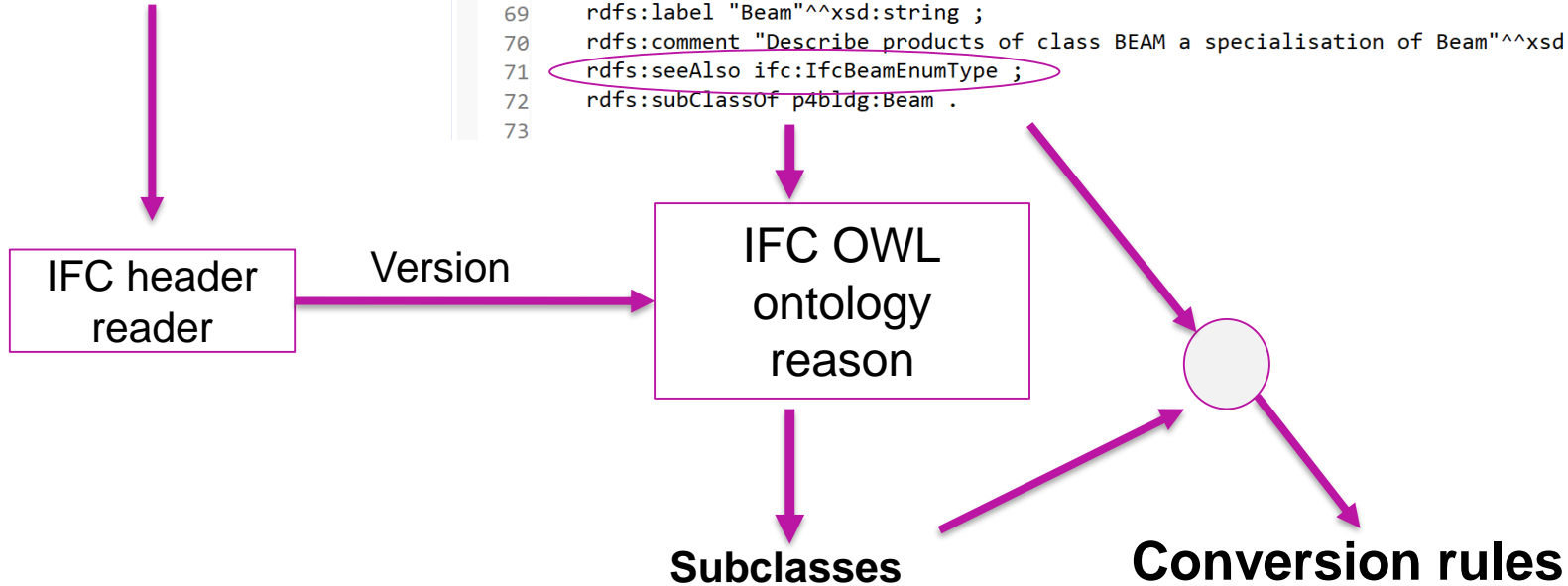
RDFStep[] path1 = { new InvRDFStep(ifcOWL.getProperty("relatingObject_IfcRelDecomposes")),
                    new RDFStep(ifcOWL.getProperty("relatedObjects_IfcRelDecomposes")) };
  
```

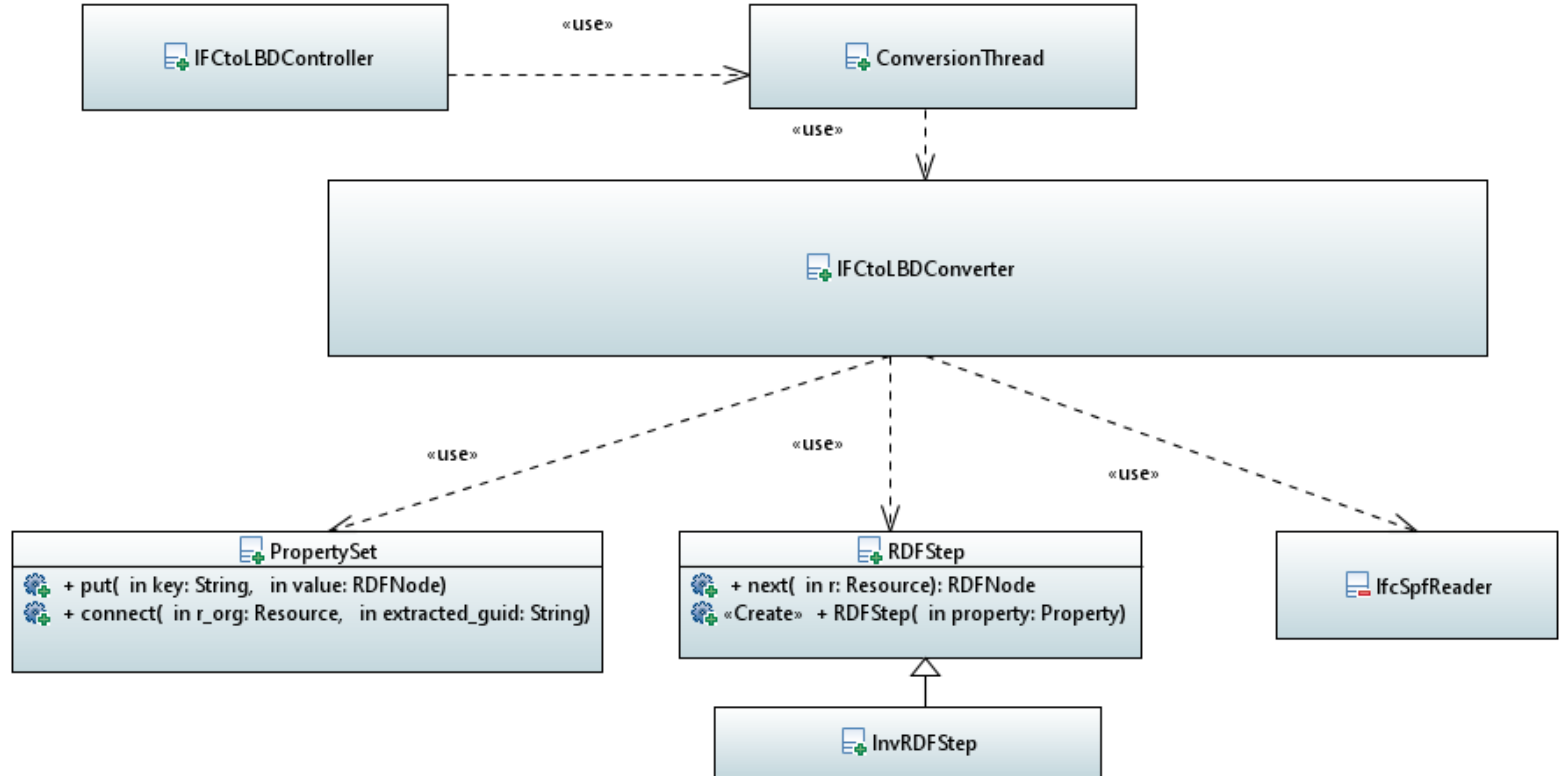




## IFC file

```
62 #####  
63 # CLASSES  
64 #####  
65  
66  
67  
68 p4bldg:Beam-BEAM a owl:Class ;  
69   rdfs:label "Beam"^^xsd:string ;  
70   rdfs:comment "Describe products of class BEAM a specialisation of Beam"^^xsd:string ;  
71   rdfs:seeAlso ifc:IfcBeamEnumType ;  
72   rdfs:subClassOf p4bldg:Beam .  
73
```





A person wearing a white lab coat with a yellow rope strap is looking at a miniature model of a house on a table. The model is made of light-colored wood and is set on a patch of moss. The background is a bright, out-of-focus window. The text "Thank you" is overlaid in the center.

Thank you



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