Semantic Framework

Because the Semantic Web uses its technologies for presenting data/metadata on the web and common systems are based on object-oriented languages a need for suitable mapping is emerging. This software solves the difficulties during transformation of data layer represented by object-oriented code into the semantic web structures (OWL, RDF). Since there is difference between semantic expressivity of these data representations it is necessary to fill this semantic gap. The software solves these differences in semantics and provide a possibility to add missing semantics into the Java code using Java annotations. These annotations are consequently processed by the proposed framework.