

Protégé OWL Plugin Demo

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We will demonstrate the OWL Plugin [1,2,3], a Semantic Web extension of the Protégé ontology development platform. The OWL Plugin can be used to edit ontologies in the Web Ontology Language (OWL), to access description logic reasoners, and to acquire instances for semantic markup. In many of these features, the OWL Plugin has created and facilitated new practices for building Semantic Web contents, often driven by the needs of and feedback from our users. Furthermore, Protégé's flexible open-source platform means that it is easy to integrate custom-tailored components to build real-world applications. The OWL Plugin is now one of the world's most widely used OWL editors with a community of several thousand users.

A technical overview of the tool and its architecture will be presented in the research track of ISWC [1]. Further information about the tool and screenshots are available from

<http://protege.stanford.edu/plugins/owl/>

In this demo, we will walk through selected features of the tool and provide an opportunity to discuss design decisions with the developers.

References

- [1] Holger Knublauch, Ray W. Fergerson, Natalya F. Noy, and Mark A. Musen. The Protégé OWL Plugin: An Open Development Environment for Semantic Web applications. Third International Semantic Web Conference, Hiroshima, Japan (2004)
- [2] Holger Knublauch, Mark A. Musen and Alan L. Rector. Editing Description Logic Ontologies with the Protégé OWL Plugin International Workshop on Description Logics, Whistler, BC, Canada (2004)
- [3] Holger Knublauch, Olivier Dameron and Mark A. Musen. Weaving the Biomedical Semantic Web with the Protégé OWL Plugin First International Workshop on Formal Biomedical Knowledge Representation, Whistler, BC, Canada (2004)