The Next-Generation Protégé-OWL Editor and the OWL Toolkit

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This talk will present the initial 4.0 version of the Protégé-OWL editor for editing OWL ontologies. The 4.0 version of the Protégé-OWL editor has been written from the ground up by the CO-ODE project team at The University of Manchester as part of the development of OWL 1.1 tools, and will be distributed as part of Protégé 4.0. It is built on top of the OWL API and has efficient "native" support for manipulating, reasoning with, and debugging OWL 1.1 ontologies. The main features of the editor will be discussed along with a high level overview of the architecture and the underlying OWL Tool Kit.