SemanticWorks – Semantic Web Tool

Altova® SemanticWorks® 2010 is a ground-breaking graphical RDF/OWL editor for building Semantic Web applications. Its intuitive graphical design interface allows you to create RDF instance documents, RDFS vocabularies, and OWL ontologies in a visual manner, much like sketching relationships on a white board. SemanticWorks makes the job easy with tabs for instances, properties, classes, etc.; context-sensitive entry helpers; automatic format checking; and more. Then, it generates the RDF/XML or N-Triples code that corresponds to your design.

- Graphical RDF & RDFS editor
- Graphical OWL editor
- Support for OWL Lite, Full, & DL dialects
- Syntax & formatting checking
- Semantics checking for ontologies
- RDF/XML & N-Triples code generation

- Converting between RDF/XML & N-Triples
- Details window & entry helpers
- Printing RDF & OWL diagrams
- Tabs to organize instances, properties, classes, etc.
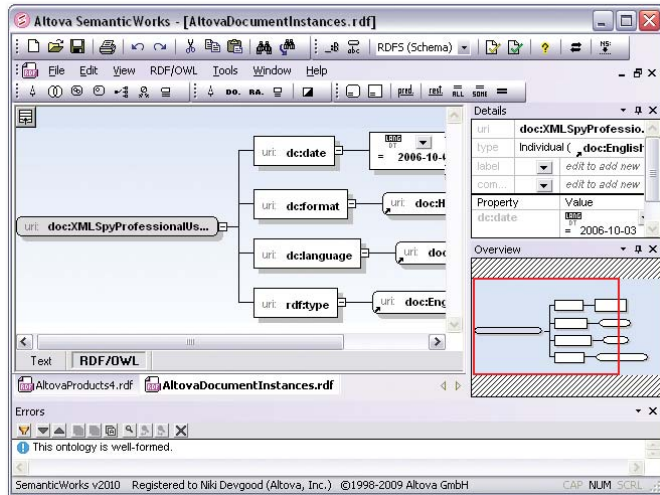- And much more

Following in its tradition of supplying developers with easy-to-use, visual development tools, Altova created SemanticWorks to help users learn and work with the new Semantic Web technologies in an intuitive way. As you are working, you can switch from the graphical design view to the text view to see the corresponding, autogenerated RDF / XML or N-Triples code, and you can export your file from RDF / XML to N-Triples or vice versa at any time. And, because the code is auto-generated based on your design, you can focus on the logic and semantics of your design instead of getting mired in writing complex code.

Start working with the Semantic Web today – Download a free, 30-day trial of SemanticWorks at www.altova.com

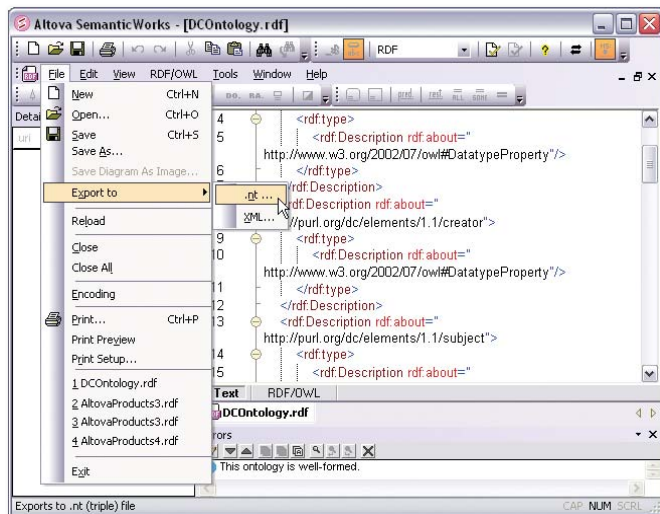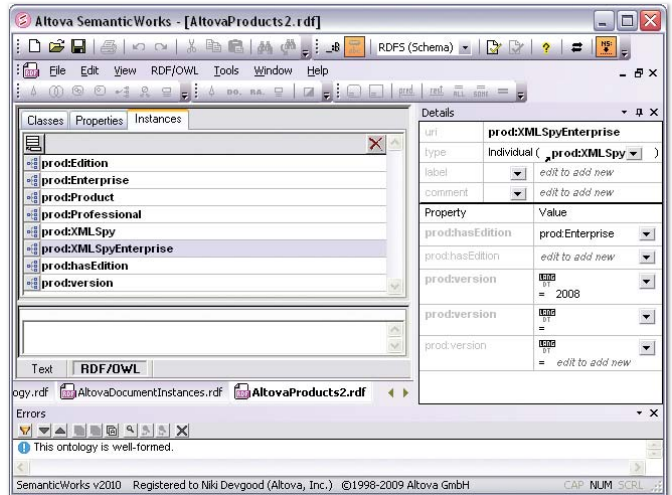# SemanticWorks RDF and OWL Development Tools

RDF Editing Tools

- Support for RDF and RDF Schema (RDFS)
- Visual RDF design with informative icons
- Full syntax checking with links to errors
- Tabs for organizing and defining instances, properties, & classes
- Details entry helper window
- Context-sensitive entry helper menus & toolbars

OWL Editing Tools

- Support for OWL Lite, DL, & Full
- Visual OWL design with informative icons
- Full syntax checking & semantics checking with links to errors
- Tabs for organizing and defining instances, properties, classes, mutual exclusivity, & ontologies
- Details entry helper window
- Context-sensitive entry helper menus & toolbars
- Intelligent shortcuts for defining new instances of a class

Code Generation

- Code gen based on visual design in:
  - RDF/XML
  - N-Triples
- Conversion between RDF/XML & N-Triples
- Generation of visual design based on existing RDF/XML or N-Triples code

SemanticWorks includes all the functionality listed above and much more. Visit www.altova.com for more information.

Download a free trial now at www.altova.com

SemanticWorks is available separately or as part of the Altova MissionKit, the integrated suite of XML, database, and UML tools that delivers up to eight products for less than the price of two.*