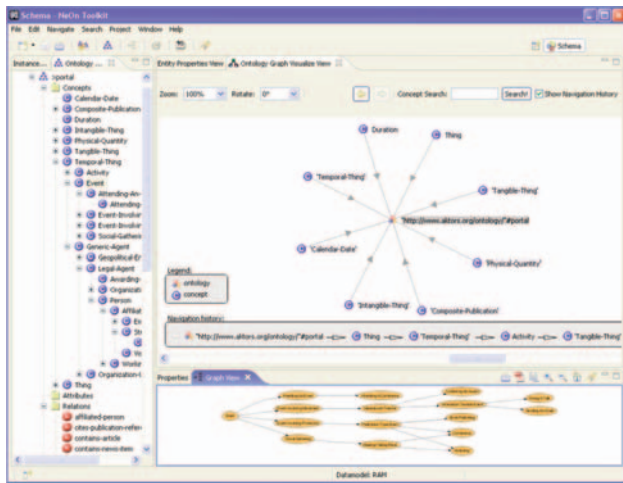


## NeOn Toolkit

The NeOn Toolkit is a novel ontology engineering environment for semantic applications. It is part of the reference implementation of the NeOn infrastructure. It includes infrastructure services such as registry and repository, and supports distributed components for ontology management, reasoning and collaboration in networked ontologies.



## Core Features

The core features of the NeOn Toolkit include:

- Ontology editing, editing schema, instances
- Ontology visualisation and browsing
- Native support for OWL and F-LOGIC
- Import/Export in other formats, such as RDFS

## Plugins

Built on the Eclipse platform, the NeOn Toolkit provides an open and modular framework for developers to extend the features of the tool, in the form of plugins. A number of plugins have already been released by partners of the NeOn project, including:

- Support for editing and debugging of rules
- Support for editing, computing and managing alignments (mappings) between ontologies
- Support for database integration, import of database schemas, and XML mapping
- Support for query editing and persistent queries
- Support for knowledge reuse from external ontologies using an ontology search engine
- Support for localisation of ontologies, e.g., translation
- Support for ontology and ontology network debugging, and inconsistency checking

## Availability

The NeOn Toolkit is available both as binary distributions for major platforms (Windows, Linux and Mac OS X), and as an open source version for plugin developers. Both versions can be downloaded from the [neon-toolkit.org](http://neon-toolkit.org) portal.

**DOWNLOAD TOOLKIT**

[www.neon-toolkit.org](http://www.neon-toolkit.org)

## Join The NeOn Community

A major ambition of the NeOn Project is to create an active forum for developers and users of semantic applications and ontologies. Members of the community, users, technology designers and application developers are invited to contribute to the portal at [neon-toolkit.org](http://neon-toolkit.org) by providing feedback, participating in discussions with NeOn developers, expressing requirements or even designing new extensions to existing NeOn technologies.



Besides the online documentation, mailing lists, forums, plugin wiki and bug tracking system, the NeOn Toolkit and its applications are showcased regularly at a variety of events, including presentations and tutorials at major Semantic Web conferences and at the dedicated NeOn Glowfest event series. These provide many opportunities to get involved in the NeOn community and to contribute to the development of a new generation of semantic applications and technologies.

## Plugin Developers' Contest

The NeOn Project is looking for talented developers to create plugins for the NeOn Toolkit. We are organising a plugin developers' contest to stimulate the creation of a wider developers' community around the NeOn Toolkit. The most original and innovative plugins will be awarded attractive prizes. Entries must be received by the end of October 31st, 2008. Results of the contest will be announced during the NeOn Glowfest at ASWC 2008.

(see [www.neon-toolkit.org/content/view/42](http://www.neon-toolkit.org/content/view/42))

## NeOn Glowfest

This is a series of events, unique to the NeOn Project, which bring together developers and users who wish to discover the latest NeOn technologies and have an opportunity to interact with the members of the NeOn project.



## PARTNERS



The Open University



Software AG



Intelligent Software Components S.A.



Institut National de Recherche en Informatique et en Automatique



Universität Koblenz-Landau



know how to use Know-how  
Ontoprise



Food and Agriculture Organization of the United Nations



AIFB - Universität Karlsruhe



Laboratorios Kin S.A.



Universidad Politécnica de Madrid



Institut Jožef Stefan



University of Sheffield



Consiglio Nazionale delle Ricerche



Atos Origin

## FOR MORE INFORMATION

Email Jane Whild, Project Administrator:  
[contact@neon-project.org](mailto:contact@neon-project.org)

## Lifecycle Support for Networked Ontologies



[www.neon-project.org](http://www.neon-project.org)

## The NeOn Toolkit

[www.neon-toolkit.org](http://www.neon-toolkit.org)

Funded by European Commission  
6th Framework (IST)  
EU-IST-2005-027595



Information Society  
and Media