NeOn: Lifecycle Support for Networked Ontologies

Integrated Project (IST-2005-027595)

Priority: IST-2004-2.4.7 – "Semantic-based knowledge and content systems"

D6.6.3 NeOn Toolkit Documentation

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Document Identifier:	NEON/2010/D6.6.3/v1.0	Date due:	October 31st, 2009
Class Deliverable:	NEON EU-IST-2005-027595	Submission date:	January 31st, 2010
Project start date:	March 1, 2006	Version:	v1.0
Project duration:	4 years	State:	Final
		Distribution:	Public

NeOn Consortium

This document is a part of the NeOn research project funded by the IST Programme of the Commission of the European Communities by the grant number IST-2005-027595. The following partners are involved in the project:

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Change Log

Version	Date	Amended by	Changes
1	2009-01-10	Michael Erdmann	Finalization of review ready document
2	2009-01-18	Michael Erdmann	Amendments after review

Executive Summary

This document accompanies the third version of the online documentation for the NeOn Toolkit. The actual deliverable consists of a set of HTML pages which are integrated into the toolkit as an Eclipse Help-plug-in.

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1. Introduction

This document presents the third, updated version of the online documentation of the NeOn Toolkit. It replaces Deliverable D6.6.2 "NeOn Toolkit Documentation". The current documentation applies to the NeOn Toolkit version 2.3.0 (as released in January 2010), cf. Deliverable D6.7.3 "Update and next release of the core NeOn Toolkit with new OWL API realisation".

This documentation is available via a number of distribution channels, the main one being the bundling with the toolkit. Additionally it is available at the NeOn Toolkit Website www.neon-toolkit.org for online browsing. The built-in Eclipse mechanism of updating features will also be utilized to publish the documentation via the software update site. This enables already installed copies of the NeOn Toolkit to access the documentation and to install it as a new "software component" (feature) into the toolkit itself.

2. NeOn Toolkit Online Documentation

Since the online documentation actually consists of a set of HTML pages that are available from within the toolkit and can be accessed interactively, we do not reproduce the content in paper form here. The number of pages and the amount of effort that would be needed to achieve a convenient layout for a paper-based document justify the decision to publish an electronic version of the documentation only. Nevertheless, we do provide a more *linear* form of the whole documentation as a single PDF file. Please refer to

http://neon-toolkit.org/wiki/Getting_Started/

Please note that the layout of the pages in the PDF document does not conform to the NeOn deliverable guidelines.

3. Extensibility

The documentation for the core functionalities is structured in such a way that other plug-ins can easily hook up into the tree structure of this manual. A couple of so-called *anchors* are provided to represent good locations for the other plug-ins to provide their information.

- **Perspectives:** If a plug-in introduces a new perspective the plug-in can describe its purpose, its contents and how to use it under this section.

- **Imports:** Plug-ins providing import-interfaces to load ontologies in various formats, or to load other data into the toolkit, can provide their documentation by referring to the "imports" anchor.

- **Exports:** Similarly, plug-ins exporting data from the NeOn Toolkit can hook up under the "exports" anchor.

- **Other :** If a plug-in developer wants to include the documentation under the heading of the NeOn Toolkit it can use the "more" anchor which will insert plug-in contributions at the end of the NeOn Toolkit online manual, just before the example usages and the glossary.

- **Sample:** Exemplary walkthroughs of the plug-ins' functionalities can be documented under the sample-anchor. In this way, more usage-oriented documentation in a tutorial-like style can be formulated and provided to the users.

This mechanism will be used by the plug-ins that were developed by NeOn partners and will be summarized and published in forthcoming Deliverable D6.10.3 "Updated NeOn Toolkit plugins".

4. References

NeOn D6.6.2   M. Erdmann, M. Becker, W. Hihn, R. Wroblenski: Deliverable
                   D6.6.2 NeOn Toolkit Documentation. NeOn Project Deliverable,
                   2008.

NeOn D6.7.3   M. Erdmann: D6.7.3 Update and next release of the core NeOn
                   Toolkit with new OWL API realisation. NeOn Project Deliverable
                   2009.

NeOn D6.10.3   A. Harth et al. NeOn Deliverable D6.10.3 Updated NeOn Toolkit
                   plugins. Forthcoming.