



## **D-E-D2 Co-operation with Knowledge Web/EASE on graduate education**

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**Abstract.**

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This deliverable contains a letter of intent in which the Networks of Excellence REWERSE and KnowledgeWeb agree to run a common repository for learning units about Semantic Web topics and topics about reasoning in the Semantic Web, to share and exchange the learning units mutually, and to support the European Association for Semantic Web Education (EASE) in managing and running the repository.

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## Knowledge Web Consortium

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The following partners have taken an active part in the work leading to the elaboration of this document, even if they might not have directly contributed writing parts of this document:

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Open University

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## Changes

<b>Version</b>	<b>Date</b>	<b>Author</b>	<b>Changes</b>
1.0	15-03-2005	Jörg Diederich	Final Version (as negotiated with REVERSE)
1.01	15-07-2005	Jörg Diederich	QAC feedback: Reformatting of the template + changes VISWE → EASE

## **Executive Summary**

This deliverable contains a letter of intent in which the Networks of Excellence REWERSE and KnowledgeWeb agree to run a common repository for learning units about Semantic Web topics and topics about reasoning in the Semantic Web, to share and exchange the learning units mutually, and to support the European Association for Semantic Web Education (EASE) in managing and running the repository. The original letter of intent (REWERSE deliverable T-D2) contained the old name 'Virtual Institute for Semantic Web Education (VISWE)', which had to be changed for legal reasons as reflected in this updated version.

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## 1 Introduction.

Both Networks of Excellence, REWERSE and KnowledgeWeb, require common activities in the educational area in order to spread knowledge about

- Semantic Web topics (KnowledgeWeb)
- Topics around reasoning languages in the Semantic Web (REWERSE)

to interested people, e.g. from academia (MSc students, PhD students, researchers) but also from industry. This knowledge will be contained in so-called learning units as, for example, derived from the existing university courses on the Semantic Web, which have been collected in the deliverable E-D1. With regards to the content of these learning units, both networks deal with aspects around the Semantic Web: KnowledgeWeb covers all Semantic Web related topics while REWERSE is focused on reasoning in the Semantic Web. Therefore, a close cooperation between both networks is reasonable, in order to achieve synergy effects and to avoid the duplication of repositories and redundant collection/markup efforts.

A necessary component for spreading knowledge on the Internet is to provide the appropriate infrastructure where the learning units are stored. In the context of KnowledgeWeb, a learning unit repository has already been set up successfully and the first learning units are available, which deal with basics on the Semantic Web (RDF, Ontologies, OWL), advanced topics such as human language technology or tools and applications to be used in the Semantic Web. This learning unit repository is available at

<http://ubp.l3s.uni-hannover.de/ubp>

The intention of this deliverable is to *agree on a cooperation* between the Networks of Excellence REWERSE and KnowledgeWeb in three areas:

1. Using a common learning unit repository to avoid having a duplicate infrastructure
2. Sharing the collected learning units between both Networks of Excellence
3. Supporting the European Association for Semantic Web Education (EASE) in managing and running the repository.

A single infrastructure to store the learning units creates a higher potential for attracting interested people to book and use the learning units. It also decreases the necessary efforts to set up and run the repository.

Sharing the collected units in both Networks of Excellence allows for the creation of higher quality curricula as there is a broader foundation of units available to create, for example, an MSc curriculum in the area of the Semantic Web.

Supporting EASE in managing and running the repository ensures that the efforts from the educational area of both Networks of Excellence will endure even beyond the end of both projects.

Therefore, a close cooperation of the education areas of both Networks of Excellence enables significant synergies and a durable impact on spreading knowledge on the Semantic Web. An example for an already successfully established cooperation involving members of both Networks of Excellence is the new distributed European Master of Computational Logics, which is supported by Erasmus Mundus (cf. <http://www.cl.inf.tu-dresden.de/compulog/prospective/EurMaster.html>). Cooperation between EASE and this MSc will further empower the two NoEs, by providing an additional audience with the necessary background for the educational material. Moreover, the MSc students are likely potential human resources for project development by the industrial partners.



## 2 Letter of intent

Between the  
Network of Excellence  
**REWERSE (Reasoning on the Web with Rules and Semantics)**

Represented by the network co-ordinator  
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and the  
Network of Excellence  
**KnowledgeWeb: Realizing the Semantic Web**

Represented by the scientific director  
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The signing parties intend to jointly support spreading educational knowledge about the Semantic Web and its related topics.

Specifically, they agree to

1. Mutually share all learning units collected in both Networks of Excellence
2. Store the learning units in a single common learning unit repository
3. Support the European Association for Semantic Web Education (EASE) in managing and running this repository.

For the REWERSE Network of Excellence:

München,

Linköping,

Prof. François Bry

Prof. Jan Maluszyński

For the KnowledgeWeb Network of Excellence:

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