

D-12 Evaluation report of the ontology advisory-board

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ru | STEVIN

Project: STE05039

<http://www.let.vu.nl/onderzoek/projectsites/cornetto/start.htm>

Funded by the Stevin framework (www.taalunieversum.org/stevin)

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We organized a workshop at the VU on June 7th 2007 for evaluating the design of the database and the ontology framework. The workshop included presentations and demonstration of the project and an invited speaker Adam Pease who gave a presentation on SUMO.

We invited people from the Stevin board, the end-user group and the ontology group. In total 30 people attended the workshop (including PhD students) and we had some good discussions. The design and the ontological mappings in the Cornetto system were received very well.

On June 8th, we had a separate meeting with Adam Pease and the Cornetto group to discuss further implementation of the mapping to the ontology.

The workshop details and the list of invited people are listed below.

Cornetto Workshop

Date: June 7th, 2007

Location: Free University, room D146 (building Medische Wetenschappen, Van der Boechorststraat 7 – 9). You can find a map on:

http://www.vu.nl/Organisatie/index.cfm/home_subsection.cfm/subsectionid/282B592C-2E44-406D-9B27D93F8218650B).

Program:

- 09:00-09:15 - Coffee and welcome
- 09:15-10:30 - Project overview (Piek Vossen)
- 10:30-10:45 - Alignment of resources (Piek Vossen)
- 10:45-11:15 - Database design (Katja Hofmann)
- 11:15-11:30 - Coffee break
- 11:30-12:30 - Strategies of work and progress (Hennie van der Vliet Isa Maks, Roxane Segers)
- 12:30-13:00 - User-scenario's (Erik Tjong Kim Sang)
- 13:00-14:30 - Lunch
- 14:30–16:00 - Presentation by Adam Pease on SUMO, entitled: “Formal Ontology”
- 16:00 - Drinks

More information on the Cornetto project can be found on:

<http://www.let.vu.nl/onderzoek/projectsites/cornetto/start.htm>

Presentation by Adam Pease

Title: Formal Ontology

This talk presents an overview of ontology, including how formal ontology compares to less formal approaches and how the Suggested Upper Merged Ontology (SUMO) (www.ontologyportal.org) compares to other formal ontologies. Classes of ontology-based applications are introduced. A detailed description of first order logic is provided. Issues of the capabilities and tradeoffs in first order logic inference are explored. Several exercises are included in the tutorial in order to maximize audience understanding of the concepts and provide the basics needed for ontology creation. The SUMO is also described in detail, along with its mappings to the WordNet lexicon.

Adam Pease has led research in ontology, linguistics, and formal inference, including development of the Suggested Upper Merged Ontology (SUMO), the Controlled English to Logic Translation (CELT) system, the Core Plan Representation (CPR), and the Sigma knowledge engineering environment. Sharing research under open licenses, in order to achieve the widest possible dissemination and technology transfer, has been a core element of his research program and his products have been downloaded by thousands of people around the world.

Invitees

Stevin board

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