

Extensions to e^3 value based on other business ontologies

Background

The e^3 value methodology is an approach for understanding networks of enterprises creating, distributing and consuming things of economic value. The methodology includes an ontology for representing e^3 value models, as well as software tool support for analyzing such models. For more information, see [1,2] and the master-level course e-Business Innovation.

Problem

Some other ontologies for business value modeling exist. The most important ontologies are the Business Modeling Ontology and the Resource Event Agent Ontology. The goal of this assignment is:

- 1) to compare the e^3 value ontology with other ontologies, and to articulate the differences and similar constructs adequately.
- 2) to extend the e^3 value ontology with constructs of other ontologies, while keeping the original goals of e^3 value in mind

Requirements

- good understanding of e^3 value, preferably you have at least followed the course e-Business Innovation;
- good conceptual modeling knowledge

Organization

This is a VU-internal assignment. Participation in the Greeting research meetings is compulsory.

References

- [1] J. Gordijn and J.M. Akkermans, "Value based requirements engineering: Exploring innovative e-commerce idea", Requirements Engineering Journal, Springer Verlag, Vol. 8, Nr. 2, pp 114-134, 2003
- [2] J. Gordijn and J.M. Akkermans, "e3-value: Design and Evaluation of e-Business Models", IEEE Intelligent Systems, special issue on e-business, Vol. 16, Nr. 4, pp 11-17, 2001.