

## **Tutorial „Modeling in Business Information Systems”: Unit 7**

### ***Ontology Engineering***

1. Identify the most relevant classes (categories), individuals, and relationships for the following sentences.
  - a. Peter loves Frieda, a brown-eyed Spaniel.
  - b. Peter loves Frieda, his friend Paul's Spaniel.
  - c. Peter wrote down a poem by Shakespeare.
2. Build a small ontology for the domain of a university library.
3. In teams of 2-3, carry out a domain capture for the following domains. Define competency questions and identify the most important conceptual elements using the middle-out approach.
  - a. EM2008 Ontology
  - b. Recipe Ontology
  - c. Application Software Ontology
  - d. Computer Equipment Ontology
  - e. Alpine Leisure Activities Ontology
  - f. Documents and Media Ontology
4. Optional: Model your ontology in RDF-S using the Protégé tool.