The talk will address several issues in the application and development of ontologies:

- the selection of appropriate ontologies for a task
- the population of a selected ontology through information extraction from text
- the semi-automatic development or extension of an ontology
- the lexicalisation of ontologies for the purpose of ontology-based information extraction from text

Each of these issues will be addressed through a particular application:

- the OntoSelect ontology library and search engine

  http://olp.dfki.de/ontoselect/

- the OntoLT Protege PlugIn for ontology learning from text

  http://olp.dfki.de/OntoLT/OntoLT.htm

- the SOBA system for ontology-based information extraction from text

- the LingInfo lexicon model for the integration of lexical/linguistic information in ontologies

  http://olp.dfki.de/LingInfo/