Motivation

Information overload in eLearning:

- Huge amounts of learning material
  - in different formats
  - from different sources

Goals

Explore novel applications for resources such as Wikipedia
- Combination with other NLP resources

Discourse-based knowledge acquisition in eLearning
- Provide uniform access to different resources for eLearning
- Reduce the information overload by giving precise and short answers
- Enable human-like interactions

Methods

Integration of lexical-semantic knowledge into Question Answering systems
- Retrieval of information from Wikipedia
- Combination of Wiki-knowledge with linguistically motivated resources

Use of institutional and Web 2.0 eLearning material as information repositories
- Re-use previous question and answer pairs found in FAQs, forums, e-mails etc.

Architecture

Integration of lexical-semantic knowledge into Question Answering systems

Publications

