NL search for semantic web

Lukas Kleine Büning
Pichaya Kanjanapisith
Yuchun Chen
Venkat

Project

- **Problem:**
  - Searching in semantic sources requires special knowledge (SPARQL, …)
  - General users cannot gain any benefit from such data sources

- **Solution**:
  - Creation of an interface which translates natural language searches into semantic web queries to run against data pools like dbpedia.org

Components

Internal:

- Web interface for user input
- Backend for natural language translation to semantic web queries

External:

- NL Framework
- Semantic data source

Milestones

- Identifies parts of speech in the given input.
- Converts given query into semantic web searchable queries.
- Gets information from semantic data sources.
- Converts the information from machine readable to human readable form.