Ana M. Moreno, Reind P. van de Riet (eds.)

Applications of Natural Language to Information Systems

6th International Workshop NLDB’01
June 28-29, 2001, Madrid, Spain
Table of Contents

Linguistic Aspects of Modeling

An Approach to Building Domain Models Interactively  
Helmut Horacek  
Creating and Managing Domain Ontologies for Database Design  
Vijayan Sugumaran, Veda Storey  
Model-Driven Business Management - the Linguistic Perspective  
Jon Atle Gulla and Terje Brasethvik

Information Retrieval

Experiments with the Use of Syntactic Analysis in Information Retrieval  
Markus Mittendorfer, Werner Winiwarter  
An Interface Agent with Linguistic Skills  
Ana García-Serrano, Paloma Martínez  
WebPicker: Knowledge Extraction from Web Resources  
Óscar Corcho, Asunción Gómez-Pérez

Natural Language Text Understanding

Learning Grammatical and Taxonomic Knowledge in Tandem  
Udo Hahn, Kornél G. Markó  
Automating the Indexing and Retrieval of Reusable Software Components  
Hafedh Mili, Petko Valtchev, Anne-Marie Di-Sciullo, Philippe Gabrini  
The Role of Conceptual Relation in Word Sense Disambiguation  
David Fernández-Amorós, Julio Gonzalo, Felisa Verdejo

Lexical Knowledge Bases

Dictionaries and Lexical Graphs  
Gary Coen  
Lexical Enrichment of WordNet with Classification Systems Using Specification Marks Method  
Andrés Montoyo, Manuel Palomar, German Rigau  
Cross-Language Information Access through Phrase Browsing  
Anselmo Peñas, Julio Gonzalo, Felisa Verdejo
Recognition of Information in Natural Language Descriptions

Meaning as Use: Handling Requirements Conflicts and Inconsistencies
Andrés Silva  
On the Use of Ambiguity Measures in Requirements Analysis
Luisa Mich  
Learn - Filter - Apply - Forget. Mixed Approaches to Named Entity Recognition
Martin Volk, Simon Clematide

Natural Language Conversational Systems

“Where Are the Christmas Decorations?”:
A Memory Assistant for Storage Locations
Lewis Creary, Michael VanHilst  
A Conversational Natural Language Understanding Information System for Multiple Languages
Marion Mast, Thomas Ross, Henrik Schulz, Heli Harrikari, Vasiliki, Demesticha, Lazaros Polymenakos, Yannis Vamvakoulas, Jan Stadermann

Short Papers

A Text Summarizer for Newspaper Articles on Sassho-jiken
Teiji Furugori, Rihua Lin  
Semantic Indexing for Domain-Specific Search
Amalia Todira\c{s}cu, François de Beuvron, François Rousselot  
Classifying the Semantics of Relationships in Conceptual Modeling by Categorization of Roles
Maria Bergholtz, Paul Johannesson  
Generating DB Queries for Web NL Requests Using Schema Information and DB Content
Bernhard Thalheim, Thomas Kobienia  
The NIBA Approach to Quantity Settings and Conceptual Predesign
Günther Fliedl, Christian Kop, Willi Mayerthaler, Heinrich C. Mayr, Christian Winkler