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Human-Computer Interaction in Estonian: Collection and Analysis of Simulated Dialogues
A Framework for Asynchronous Dialogue Systems; Machine Translation; SMT of Latvian, Lithuanian and Estonian Languages: A Comparative Study; Improving SMT for Baltic Languages with Factored Models; LetsMT! - Online Platform for Sharing Training Data and Building User Tailored Machine Translation; Written Corpora and Linguistic Resources; The Estonian Reference Corpus: Its Composition and Morphology-Aware User Interface; Adaptive Automatic Mark-Up Tool for Legacy Dictionaries
Corpus of Contemporary Lithuanian Language - The Standardised Way
A Collection of Comparable Corpora for Under-Resourced Languages; The Database of Estonian Word Families: A Language Technology Resource; Digitization of Historical Texts at the National Library of Latvia; Semantics; Verbalizing Ontologies in Controlled Baltic Languages; Enriching Estonian WordNet with Derivations and Semantic Relations; Main Trends in Semantic-Research of Estonian Language Technology; Semantic Analysis of Sentences: The Estonian Experience; Methods and Tools for Language Processing
An Ensemble of Classifiers Methodology for Stemming in Inflectional Languages: Using the Example of Latvian
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Sommario/riassunto

This book contains papers from the Fourth International Conference on Human Language Technologies - the Baltic Perspective (Baltic HLT 2010), held in Riga in October 2010. This conference is the latest in a series which provides a forum for sharing recent advances in human language processing, and promotes cooperation between the computer science and linguistics communities of the Baltic countries and the rest of the world. Bringing together scientists, developers, providers and users, the conference is an opportunity to exchange information, discuss problems, find new synergies, and promote i
