Grammar-based suggestion engine with keyword search

Martin Agfjord, Krasimir Angelov, Per Fredelius, Svetoslav Marinov

University of Gothenburg, Findwise AB Gothenburg

martin.agfjord@gmail.com, krasimir@chalmers.se

Abstract

An article may include an abstract of 100 to 150 words. If you use an abstract, its heading should be centered using font Times, 10 bold. If not, remove the abstract section.

- 1. Introduction
- 2. Defining the grammar in Grammatical Framework
- 3. Generation of sentences
- 4. Apache Solr as storage and suggestion engine
- 5. Conclusions

References

- R. Foo and M. Poesio. 2008. Inter-coder agreement for computational linguistics. *Computational Linguistics*, 34(4):555–596.
- B. Megyesi, B. Dahlqvist, E. Pettersson, S. Gustafson-Capková, and J. Nivre. 2008. Supporting research environment for less explored languages: A case study of Swedish and Turkish. In J. Nivre, M. Dahllöf, and B. Megyesi, editors, *Resourceful Language Technology: Festschrift in Honor of Anna Sågvall Hein*, Studia Linguistica Upsaliensia 7, pages 96–110. Acta Universitatis Upsaliensis.
- S. Stymne. 2008. German compounds in factored statistical machine translation. In A. Ranta and B. Nordström, editors, *Proceedings of GoTAL*, the 6th International Conference on Natural Language Processing, pages 464–475, Gothenburg, Sweden. Springer.
- A. Wierzbicka. 1987. English Speech Act Verbs: A semantic dictionary. Academic Press, Sidney.