

Nov. 14, 2014

Call for Bachelor/Master thesis „Automatic Determination of the Quality of Text“

What's it all about?

In many applications which process or store text it is very helpful to assess the quality of text automatically. In this way, it can be detected whether feedback of customers are suitable for evaluation or processing purposes. Also end users could check if their written text matches the level of the readers. Last but not least, documents could be ranked in a personal fashion.

In the thesis different dimensions of text quality are to be worked out from the literature and own ideas. The different criteria and their potential computation methods are to be classified and assessed. Possible dimensions of text quality are the syntactic correctness, the semantic validity and the complexity of sentences. For the different dimensions several approaches (primarily heuristic) are to be implemented and evaluated. At the end the hypothesis can be checked whether a deeper understanding of text gained by semantic approaches lead to a better automatic estimation of the text quality.

What should you bring along?

- Interest in Natural Language Processing.
- Good programming skills (primarily in Java).
- Interest in the implementation of new algorithms.

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