

“Web-based visualization and corpus management for language modeling”

Weekly Progress Report 4

Customer

Prof. Dr. Dietrich Klakow

Developer

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Project Description

Task is to develop an on-line system for visualizing how the current words influence the future words of a text. Many different language model implementations exist (including one designed for this task) for integration into our visualization system. These language models has to be connected with the right visualizations.

Progress

This week was the first week of the second iteration. We were to make a use-case document and make a prototype of one of the must-have features of our requirement specifications. We followed the exact format as specified in the lecture slides while preparing the use-case document. On 1st December we had a team meeting on use-case document and on 4th we had a meeting with the tutor and the customer. We demonstrated the the customer one of the must-have features, in our case it's surprisal graph of the output provided by the language model. The client gave us positive feedback and suggested to include some may-have important features. Also in addition, installation and setup of GIT accounts were done.

what has been done

- Use-case Document

- First Prototype presentation: Generating graphs with respect to an input text and a language model.

ongoing work

- Implementing must have features:
- Reviewing some may have features

plans for the next week

- Plan and execute the development of must have features

Problems

None for now