Generating Acrostics via Paraphrasing and Heuristic Search − Final Presentation

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Organization

Goal of the Project

- Creation of acrostics from German texts.
- Use the A* algorithm to solve the search problem.
- Apply the heuristic with proper modifications for the German language.
- Find datasources in German (Thesaurus, hyphenation rules, etc.).
- Implement the operators described in the paper to achieve results in German texts.

Goal of the Project

- Set proper costs for each of the operators.
- Collect texts to use as examples.
- Solve the problems in a reasonable time.
- Evaluate the efficiency of our algorithm.
- Evaluate the usage rate of the operators.

Subtasks from the Original Goals

- Understand the paper and the method.
- Analyze the problem.
- Design an architecture for the application.
- Choose proper technological tools.

Subtasks from the Original Goals

- Choose the most promising operators.
- Implement the best first (A*) algorithm itself.
- Set up a test suite for evaluation of the application.
- Interpret the results from the tests.

References

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Questions?