Title: Knowledge Graph Extraction from Project Documentation

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Abstract: With the new research progress in the natural language processing and information extraction from text, new possibility of automatic knowledge acquisition and its grouping into Knowledge graphs, that are catching the semantic relations between these entities is emerging. For these Knowledge graphs, data storages and also query languages already exists, which allow more precise and relevant search possibilities compare with current full text search engines. The goal of this thesis is to explore the opportunity of automatic extraction of information from project documentation with the use of linguistic text processing, design a proper data storage and build a search engine over it.

Keywords: Knowledge graphs, Information extraction, Natural language processing, Resource Description Framework