Text Mining Techniques for Knowledge Extraction from Technical Documents

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Chapter 1

Introduction

1.1 Goal

1.2 Problem Solutions

1.3 Solutions

1.4 Challenges: Understanding and programming

1.4.1 Understand

1.4.2 Program

1.5 Research Questions

Chapter 2

State of the Art

Here is a review of existing methods.

2.1 Tools

2.1.1 Program

2.1.2 Understand

2.1.3 Import

2.1.3.1 Retrieval

2.1.4 Tidy

2.1.5 Transform

2.1.5.1 Preprocessing

2.1.6 Model

2.1.6.1 Pattern Analysis

2.1.6.2 Sentiment Analysis

2.1.6.3 Named Entity Recognition

2.1.6.4 Network Analysis

2.1.6.5 Topic Modelling

2.1.7 Visualize

2.1.8 Comunicate

2.2 Documents

2.2.1 Patents

2.2.2 Papers

2.2.3 Projects

2.2.4 Wikipedia

2.2.5 Twitter

2.2.6 Job Profiles

Chapter 3

Methods

We describe our methods in this chapter.

3.1 Patents

3.2 Papers

3.3 Projects

3.4 Wikipedia

3.5 Twitter

3.6 Job Profiles

Chapter 4

Applications and Results

Some *significant* applications are demonstrated in this chapter.

4.1 Patents

4.2 Papers

4.3 Projects

4.4 Wikipedia

4.5 Twitter

4.6 Job Profiles

Chapter 5

Future Developments

Decide the way in wich devide the chapter. Tools or functions?

5.1 Research and Development

5.2 Marketing

5.3 Human Resources

Chapter 6

Final Words

We have finished a nice book.