Locating Companies

interlinking ProductDB with DBPedia based on product categories

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Contents

1 Application domain and goals **1**
1.1 Targeted Users 1
1.2 Problems Description 2
1.3 Demand Analysis 2

2 Datasets used **3**
2.1 Datasets description 3
2.2 Dataset Access Methods 3
2.3 Dataset Combination 3

3 Techniques Used **5**
3.1 Reasoning 5
3.2 Search 5
3.3 External Services 5

4 Example results **6**
4.1 Outcome 6
4.2 User Queries 6

5 known limitations **7**
5.1 limited domains 7
5.2 queries can't be answered 7
5.3 Reason 7
5.4 Possible Solutions 7

6 Lessons learned **8**
6.1 Challenges 8
6.2 Biggest Obstacles 8
6.3 More ideas 8

A Program Code / Resources **9**

B Further Experimental Results **10**

List of Algorithms

List of Figures

2.1 Angel 4

List of Tables

4.1 Good vs. Evil 6

Chapter 1

Application domain and goals

Most of the text in this example of a master thesis is quote from 'The Extremes of Good and Evil' (Cicero). Besides this text you find some usage examples in the following sections.

- A table can be found in Section **??**. This example (Table 4.1) is only a suggestion. You are allowed to format your tables in your preferred style.
- An example of an algorithm is depicted in Section **??**. Again, you are allowed to use a different style for algorithms, but the style we used to display Algorithm **??** looks quite nice.
- Chapter **??** demontrates how to refer to chapters and algorithms and other elements of your thesis.
- You should always place definitions, propositions, and whatever might be useful in an appropriate environment. Examples can be found in section **??**.

1.1 Targeted Users

it's a footnote and url [1]

Tutorials[2]. here is sth.wrong with url on my pc

[1]http://productDB.org/

[2]

urlhttp://latex.hpfsc.de/

1.2 Problems Description

1.3 Demand Analysis

Chapter 2

Datasets used

2.1 Datasets description

dicussion requires a precise definition.

Definition 1 *An entity is good if it is not an evil entity.*

In a similar way an evil entity can be defined in the following way.

2.2 Dataset Access Methods

2.3 Dataset Combination

Figure 2.1: Child Angel and a white dove.

Chapter 3

Techniques Used

3.1 Reasoning

3.2 Search

3.3 External Services

Remark: A more elaborated software could use e.g. OpenStreetMap to inquiry the exact address based on the DBPedia results.

Chapter 4

Example results

Example an inquery for soft-drinks will have a result set containing:

```
dbo:locationCity :
(dbr:Atlanta,
dbr:Georgia_(U.S._state),
dbr:Coca-Cola_headquarters)
```

4.1 Outcome

4.2 User Queries

	Baselines			Decision Tree			
Ontology	M(edian)	G(ood)	E(vil)	results	Δ-M	Δ-G	Δ-E
#301	0.825	0.877	0.877	0.855	+0.030	-0.022	-0.022
#302	0.709	0.753	0.753	0.753	+0.044	+0.000	+0.000
#303	0.804	0.860	0.891	0.816	+0.012	-0.044	-0.075
#304	0.940	0.961	0.961	0.967	+0.027	+0.006	+0.006
Average	**0.820**	**0.863**	**0.871**	**0.848**	**+0.028**	**-0.015**	**-0.023**

Table 4.1: Comparison between the Good and the Evil

Chapter 5

known limitations

5.1 limited domains

5.2 queries can't be answered

5.3 Reason

5.4 Possible Solutions

Chapter 6

Lessons learned

6.1 Challenges

6.2 Biggest Obstacles

6.3 More ideas

Appendix A

Program Code / Resources

The source code, a documentation, some usage examples, and additional test results are available at ...

They as well as a PDF version of this thesis is also contained on the CD-ROM attached to this thesis.

Appendix B

Further Experimental Results

In the following further experimental results are ...