

Project Report

Student Project Semantic Web Technologies HWS18

Presented by

Nele Ecker
Alex Lütke
Marvin Messenzehl

Submitted to the
Data and Web Science Group
Prof. Dr. Heiko Paulheim & Sven Hertling
University of Mannheim

October - December 2018

Contents

1	Application Domain and Goals	1
2	Datasets	1
3	Techniques	1
4	Results	1
5	Known Limitations	1
6	Lessons Learned	1

1 Application Domain and Goals

Which users are targeted?

Which user problems are solved?

Which user information needs are addressed?

2 Datasets

Which datasets does the application use?

How are they accessed (SPARQL, local)?

How do you combine information from different datasets?

3 Techniques

Which techniques did we use? Reasoning, search, external services ...

4 Results

What outcomes does the application provide?

How are some user queries answered?

5 Known Limitations

In which domains does the application not work?

Are there queries which cannot be answered?

Why?

How could you overcome those limitations, given more time?

6 Lessons Learned

Which challenges did you face?

What were the biggest obstacles?

What would you do different the next time?