VRIJE UNIVERSITEIT
FACULTY OF SCIENCES

Amsterdam Vibe

Intelligent Web Applications course final project

Project report

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1. Introduction

This is comprehensive report of Intelligent Web Applications course final group project.

1.1. Requirements

There was the following requirements for the project:

- Use an RDF store.
- Use semantic Web reasoning in your RDF store to generate new information.
- Integrate at least three data sources.
- Present the integrated information in cool, interesting and innovative ways.
- Interact with at least one remote SPARQL endpoint (In addition to your local RDF store).
- Interact with at least one non RDF Web service.
- Write a report about it.

1.2. Code

All code can be found in the following public Github repository:

- https://github.com/TooHighToPlay/AmsterdamVibe
- or www.amsterdamvibe.nl

1.3. Link to working application

Working example of the application can be found on the following link:

- amsterdamvibe.herokuapp.com

2. Report

2.1. Questions to cover

- the goal of the application (what does it aim to do, and why is this useful?).
- the datasets and services used by the application
- the functionality of the application (what things does the application do, what is a typical workflow)
- the inferencing used by the application (it helps if you give a concrete example).
- any other considerations you had during the design and implementation (what worked, what didn't work, what motivated your decision to go for a particular solution)
- any future plans you may have (what would you like to add if you had the time?)

2.2. Idea

2.3. Goal

2.4. Functionality

2.5. Datasets and services

2.6. Inferencing

2.7. Challenges

2.8. Future work