

# Group 26: SPARQL and RDF Mining

26/01/2017 **Anirudh Pillai**, Aksel Cakmak and Xiaofeng Fu

## Overview

We started developing the GUI. The application environment has been set up and the tools integrated.

## Meetings Summary

Meeting 28 **Team** Meeting (16/01/2017)

We planned out what to focus on for the elevator pitch. We allocated tasks to complete the pitch before Friday. We also decided to set up the build process for the repository.

- Decided what the focus of the pitch was (All members)
- Decided on the responsibilities for the pitch (All members)
- Set up build process (Anirudh)

Meeting 29 **Client** Meeting (19/01/2017)

We received feedback for the video, and changed it accordingly. We informed the clients of our schedule and what we were going to do in the short term (the elevator pitch). We agreed on starting the actual programming the week of the meeting.

Meeting 30 **Team** Meeting (20/01/2017)

We checked our slides and scripts for the elevator pitch and practiced for it.

- Slides for the pitch (All members)
- Scripts for the pitch (Aksel, Anirudh)

Meeting 31 **Team** Meeting (25/01/2017)

We planned out the coding and what everyone should do in order to have a working project as soon as possible. We decided how to structure our repository and how to go about structuring the application.

- Try replicating Stardog (Anirudh)

Meeting 32 **Client** Meeting (26/01/2017)

We informed the client that we had started developing the GUI. We informed them about how far we had got with replicating Stardog and that we will be trying some data visualisations next. They gave us useful reminder that we may have to use pagination in our GUI to account for a lot of different instances within a class.

Meeting 33 **Team** Meeting (26/01/2017)

We met to decide how to go about improving the GUI. We decided to learn some visualisation tools like D3.js and try to figure out a way to implement them in the instance view.

## Tasks Completed

We have set up our repository and have completed the build process. We have also set up Webpack dev server which considerably improved our productivity while developing. We have started creating a GUI with all the features of Stardog. We have completed the views for all the RDF classes and instances.

## Plan for next two weeks

What we plan in a high-level is basically to first have a Stardog like interface ready. That's basically our first milestone. We then hope to iterate on it by getting feedback from the client. We will then add the new features to it (the one's we came up with last term). We will be working on a way to visualise things in the view for an RDF Instance.

## Individual Sections

Anirudh Pillai

I set up the build process for the repository and also started developing the GUI in React. I completed the first version of our GUI by replicating the basic features of Stardog. Now we can build on that by adding new features and styling it. I also prepared my slides for the pitch and spoke about them.

Aksel Cakmak

Prepared a part of the elevator pitch slides and a part of the script. Also presented. Tested the project on my machine to ensure it works the intended way.

Xiaofeng Fu

In this week, we have started to implement the RDF explorer and we had a meeting with our client. And then I focus on familiar with React and Redux in this week. I will try to code something in the weekend and in the next week.