Why this survey?

This survey intends to reflect the usefulness of the web browser tool ABSTAT, which is used to inspect and provide summarization for Linked Datasets developed by University of Milan – Bicocca. The main question is: Does ABSTAT help users to design and answer queries in an easy way for unknown or unfamiliar datasets?

The results will contribute to the evaluation and further improvement of ABSTAT by reporting how easy it is to design queries while using ABSTAT.

You will be given a set of queries in natural language and asked to complete the SPARQL queries for the related question using ABSTAT framework and DBpedia SPARQL endpoint.

Who are we?

We are a research group at the Department of Informatics, Systems and Communications at the University of Milano - Bicocca working in the areas of Semantic Web, Linked Data and Semantic Technologies.

Why should I participate?

All data and the results of this survey will be made public. Your participation is a valuable contribution to users, developers and researchers in order to evaluate the usefulness of ABSTAT and further improvements for the future.

How to complete the survey?

This survey is designed in three parts. In the first part you are asked some background information in the form of choosing the best answer which describes you. In the second part you will be asked 5 queries in natural language. To answer those queries you can use three different web pages to search for a concept, a property or a relation. You can use http://abstat.disco.unimib.it/experiment/search as a full text search for a concept, a property or a relation, http://abstat.disco.unimib.it/experiment/browse to browse and visualize relations for a concept or property and you can use http://abstat.disco.unimib.it/experiment/query to execute SPARQL query to answer the questions in natural language. While in the third part, feedback questions will be asked for each query and general comments about the survey.

As we will be measuring the time needed to answer each query, it is very important NOT to get distracted until you submit the answer for each of them.

Before starting the survey we strongly recommend to the user to investigate ABSTAT and read the paper which describes its approach.

Acknowledgment

On behalf of all members of the group we would like to thank you for taking the time to complete this survey!

THANK YOU!

Your Name _____

Background questionnaire

1. Which role describes you best?

☐ Data broker / publisher
☐ Data consumer
☐ Researcher
☐ Software engineer / IT architect
☐ Project manager
☐ Phd student
☐ Master student
☐ Other _____

2. In which industry do you work? (skip if you are a PhD or master student)

☐ Professional, Scientific, and Technical Services
☐ Health Care and Social Assistance
☐ Educational Services
☐ Information and Communication
☐ Software
☐ Public Administrator
☐ Mining

3. How many years have you been involved with Linked Data?

☐ I haven't been involved yet
☐ Less than 1 year
☐ 1-3 years
☐ 3-5 year
☐ 5 years+

4. How do you consider your expertise in formulating query with SPARQL?

☐ No knowledge at all
(I am not able to write a SPARQL query, I don't even know the syntax).
☐ Basic
(I know the syntax and I know how to write very simple queries)
☐ Good Knowledge
(I know SPARQL syntax quite well, and I have difficulties writing complex queries)
☐ Very good knowledge
(I know SPARQL syntax very well, and I can write complex queries with some effort)
☐ Expert
(I perfectly know SPARQL syntax and I often write complex queries easily)

5. How do you consider your expertise about data modelling?

☐ No knowledge at all
(I do not know what data modelling is about).

☐ Basic
(I know what data modelling is but I never experienced it)

☐ Good Knowledge
(I know what data modelling is but I have difficulties understanding and modelling complex datasets)

☐ Very good knowledge
(I know data modelling very well, and I can understand and model complex datasets with some effort)

☐ Expert
(I perfectly know data modelling and I can easily understand and model dificult datasets)

6. How well do you know DBpedia dataset and ontology?

☐ No knowledge at all
(I do not know DBpedia dataset and ontology at all).

☐ Basic
(I know what DBpedia is but I never used it)

☐ Good Knowledge
(I know what DBpedia dataset and ontology is but I have difficulties in understand some parts of it)

☐ Very good knowledge
(I know DBpedia dataset and ontology very well, and I can understand some parts with some effort)

☐ Expert
(I perfectly know DBpedia dataset and ontology and I can easily understand and use it)