TRINITY COLLEGE DUBLIN

INFORMATION SHEET FOR PROPESCITIVE PARTICIPANTS

You are invited to participant in an experiment related to improving the quality of RDF data being generated, which aims to conduct a usability test of a framework to test the navigation and usefulness of the content. The framework is named the Mapping Quality (MQ) Framework. The framework is designed to improve the quality of mappings which are used within the Semantic Web to create RDF data, while hiding the complexities of these processes.

The experiment is intended to contribute to the evaluation of the main research contribution of the lead researchers PhD (Alex Randles). The main contribution of the framework is to ensure that high quality and fresh RDF data is produced. The components within the framework will ensure these objectives are satisfied. It is hoped the framework will improve the overall quality of RDF data being produced.

We are seeking participants who are RDF data maintainers. These participants have access to data and mappings which have been used to create RDF data, which can be used to evaluate the functionality of the framework.

The experiment will be conducted online using a conference call. The call will consist of you completing a series of tasks using the framework. The audio or video of the conference call will not be recorded. You will connect to the data you maintain. Then, the framework will detect changes within the data and generate detection information. Finally, you will be asked to fill in a usability test survey.

We will record your usability answers. No audio or video recordings will be collected.

Your personal details will not be recorded. You will not be contacted after you've completed participating in the experiment.

The lead researcher (Alex Randles) and the supervisor (Prof. Declan O'Sullivan) will be the only people with access to the data until its publication in an open data repository. We will be storing and processing this data in order to conduct research (this is the legal basis).

The experiment is expected to take up to an hour for completing the tasks and then filling in the usability test survey. We do not anticipate any risks for you. While participation will not benefit you directly, the research will support the development of tools which can improve the quality of mappings, which will result in high-quality resulting dataset.

Your participation is entirely voluntary, and you can withdraw at any time up until when your data has been submitted. It will no longer be possible to withdraw once you have submitted the test survey as the data is untraceable to who submitted the response.

Each question is optional. Feel free to omit a response to any question; however, the researcher would be grateful if all questions are responded to. We will publish free-to-access copies of all publications on the project website emailing the final report to all participants.

The data will be analysed to assess the usability and understandability of the MQ framework. We will perform a quantitative & qualitative analysis of the usability test survey and the information ratings, which will be statistical summaries, reporting aggregated results.

We plan to publish the results of our research in academic journals and conference proceedings. We will do this in a way which does not identify you, or any other individual participant. The research results will be aimed to be published at Semantic Web conference and workshops, such as Extended Semantic Web Conference (ESWC) and International Semantic Wen Conference (ISWC); and relevant journals, as well as the PhD thesis of the lead researcher at Trinity College Dublin.

No audio or video recordings will be recorded during the conference call, nor will any such recordings be replayed in any public forum or presentation of the research.

While it is unlikely that illicit activities would be disclosed, if you do so, we would be obliged report them to the appropriate authorities.

Your answers in the open comments section of the usability test survey could be use as direct quotations, if you don't feel comfortable with this please let the lead researcher know during the experiment session.

Please be advised that this research is being conducted by a member of the ADAPT Research Centre who is also a PhD student in Trinity College Dublin. Alex Randles, the lead researcher, declares that there is no conflict of interest in this research since his status in this research – and in Trinity College – is deemed as a student. His supervisor will not take part in the experiment and potential participants of the experiment will not be provided with any prior information before the experiment. Individual results will be anonymized and published in open data repositories for reproducibility and research will be reported on the aggregate results.

If you have any queries, feel free to contact Alex Randles (alex.randles@adaptcentre.ie) and we will be happy to answer questions about the experiment.

Data Controllers: Trinity College Dublin

Data Protection Officer: Data Protection Officer, Secretary's Office, Trinity College Dublin, Dublin 2 - dataprotection@tcd.ie