ODP Design Preferences Survey

Thank you very much for considering to take part in this survey, which will provide data complementing earlier data gathering in key ways, for my forthcoming PhD dissertation!

Answering the survey is entirely voluntary. However, as answering it may take 15 minutes of your time, I will distribute Amazon gift cards worth 50 USD among the participants. The gift cards will be distributed by way of a sweepstakes/lottery. One such 50 USD gift card will be awarded for every 10 participants in the survey.

The responses to this survey will be analysed collectively. Individual responses will be archived in accordance with Swedish legislation on research data, but individual responses will not be published or referenced in any publications.

At the end of the survey you are asked to leave your email address. Doing so is entirely voluntary, but it is a prerequisite to take part in the sweepstakes for the aforementioned gift cards (otherwise I have no way of contacting the winners).

Thanks again for taking part. If you have any questions, please do not hesitate to contact me.

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*Obligatorisk

Background

In this section, we ask for some personal details about your background, to characterize your answers in relation to those answers of other people with similar or different profiles.

1. **What is your highest completed academic degree?** *
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   - ◯ High school
   - ◯ Bachelor
   - ◯ Master
   - ◯ PhD
   - ◯ Övrigt: .....

2. **What is your current profession?** *

   .....

3. **Do you work in?** *
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   - Academia
   - Research Institute
   - Industry
   - Övrigt: .....

4. **What is your degree of knowledge and confidence regarding Ontology Engineering with Semantic Web ontologies (e.g., using RDF/RDFS/OWL)?** *
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   - None
   - Novice
   - Some experience
   - Confident
   - Expert

5. **What is your degree of knowledge and confidence regarding other types of conceptual or data modeling (e.g. using UML, ER-diagrams, EMF, etc.)?** *
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   - None
   - Novice
   - Some experience
   - Confident
   - Expert

6. **How many years have you worked with Semantic Web ontologies (e.g., using RDF/RDFS/OWL)?** *

   .....

7. **How many Ontology Engineering projects (e.g., projects where ontologies were developed, not just used) involving two or more people have you participated in?** *

   .....

8. **How many projects involving non-academic participants (e.g., practitioners) performing Ontology Engineering-related tasks have you participated in?** *

   .....

Finding CODPs

This section asks you some questions regarding how you prefer to work with finding CODPs for reuse, through searching and/or browsing of CODP repositories.

9. **What type of categorization/tagging/folder structure do you think would best allow developers/users to find task-appropriate CODPs when browsing a CODP repository by hand? Rank the five options in the order that you prefer, from the most suitable structure (5) to least suitable one (1).** *

   Note that in order for your responses to be compliant with and comparable to previous studies in which ranking mechanisms were employed, this question also requires a strict ranking of responses, i.e., two alternatives cannot be given the same importance score. If you are having trouble deciding the rank of two alternatives, consider if you had to build a CODP portal and for technical reasons only got to choose one of the two options.

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	1 (Least suitable)	2	3	4	5 (Most suitable)
Based on real world domain (banking, agriculture, business organization..)	◯	◯	◯	◯	◯
Based on compatibility/alignment with existing ontologies (DOLCE/DUL, schema.org, DBPedia ontology, etc)	◯	◯	◯	◯	◯
Based on type of intended task (event modeling, workflow modeling, document metadata/annotations, etc)	◯	◯	◯	◯	◯
Based on ODP level of abstraction (generic or concrete)	◯	◯	◯	◯	◯
Based on simplicity/complexity (flat schema-like vocabularies or complex reasoning-heavy ontologies)	◯	◯	◯	◯	◯

10. **What are the most important characteristics of an Content Ontology Design Pattern search engine?** *

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	Not important	Somewhat important	Rather important	Very important	Critically important
Recall (i.e., that all suitable ODPs are returned for a given query)	◯	◯	◯	◯	◯
Precision (i.e., that no unsuitable ODPs are returned for a given query)	◯	◯	◯	◯	◯
Ability to filter results based on attributes/characteristics (e.g. size, OWL 2 profile adherence, etc)	◯	◯	◯	◯	◯

CODP Metadata Description

The following section contains questions on how you prefer the CODP documentation/metadata be

organized for optimal usability/learnability.

11. **Each link contains a picture contrasting two ways of displaying CODP documentation/metadata. One (denoted A in the picture) is representative of a well-known online repository (ontologydesignpatterns.org) whereas the other (B) is a simplified view generated from the same data, but lacking some detail. Please select the one you find more intuitively understandable or clear to use. Please try to disregard the slight difference in font sizes.** *

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	A	B
http://xd-protege.com/~karl/xdpsurvey/mnm1.png		
http://xd-protege.com/~karl/xdpsurvey/mnm2.png		
http://xd-protege.com/~karl/xdpsurvey/mnm3.png		

12. **Please rank the following CODP documentation fields in terms of how important you think they are to understanding whether an ODP is suitable for reuse in your project. Rank the seven fields in the order that you prefer them, from the most important to understanding (7) to least important to understanding (1). Each field is shown in use in these example pages:http://xd-protege.com/~karl/xdpsurvey/fieldRank1.png, http://xd-protege.com/~karl/xdpsurvey/fieldRank2.png, http://xd-protege.com/~karl/xdpsurvey/fieldRank3.png** *

Note that in order for your responses to be compliant with and comparable to previous studies in which ranking mechanisms were employed, this question also requires a strict ranking of responses, i.e., two alternatives cannot be given the same importance score. If you have trouble deciding on the ranking, consider in which order you would read the fields when studying a CODP for potential reuse.

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	1 (least important)	2	3	4	5	6	7 (most important)
Intent							
Domains							
Consequences							
Solution							
Name							
Competency Questions							
Scenarios							

13. **Each of the following linked images displays the same CODP visualized using two different diagramming notations. Please select the one, (A) or (B) as indicated in the image, that you find most intuitive or easy to understand. Please try to disregard the difference in scale/pixeling.** *

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	A	B
http://xd-protege.com/~karl/xdpsurvey/vis1.png	◯	◯
http://xd-protege.com/~karl/xdpsurvey/vis2.png	◯	◯
http://xd-protege.com/~karl/xdpsurvey/vis3.png	◯	◯
http://xd-protege.com/~karl/xdpsurvey/vis4.png	◯	◯

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