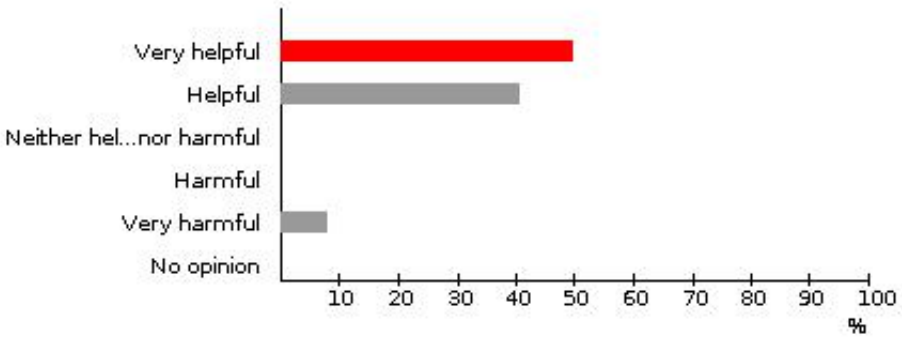
Enkätresultat

Enkät:	Lab 6 - Ontology Design Patterns - Survey 2
Status:	öppen
Datum:	2013-01-08 10:26:25
Grupp:	Aktiverade deltagare (Information Logistics H12)
Besvarad av:	12(16) (75%)

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1. Did you find the usage example illustrations in the pattern documentations (i.e. the ones showing instances of values when using the pattern, and not only the pattern structure itself) to be helpful or harmful in understanding how to apply the pattern?



antal	fördelning	alternativ
6	50%	Very helpful
5	41,7%	Helpful
0	0%	Neither helpful nor harmful
0	0%	Harmful
1	8,3%	Very harmful
0	0%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

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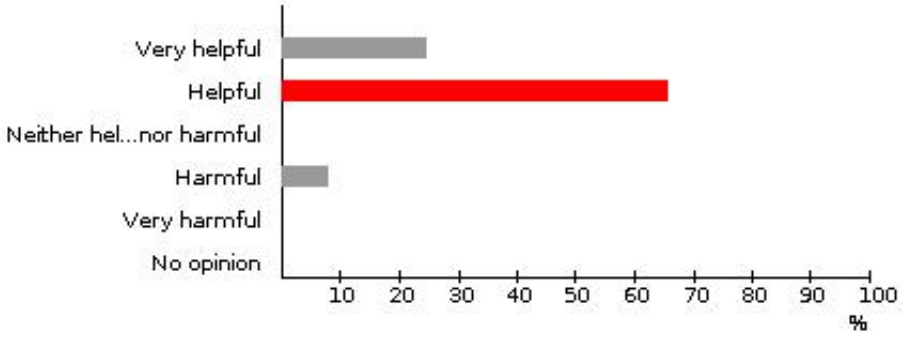
2. If you have not answered "No opinion" to the above question, please motivate your choice.

4 har svarat av 16 (25%)

Kommentar:

-yes the example pattern was very helpful since it gives a clear understanding on what each classes represents and its definition.
-it helps to understand the purpose of classes quickly, because some classes have similar names. otherwise it takes time to find the correct answer.
-yes, the pattern documentations were helpful in providing an understanding on how to apply patterns.
-It helps to understand what each concept concretly represent. Because some patterns are very abstracts or represent the reality from a different perspective it is important to understand what concretly each class is made for. Moreover, some classes look very similar and need examples to identify subtleties.

3a. Range restrictions



antal	fördelning	alternativ
3	25%	Very helpful
8	66,7%	Helpful
0	0%	Neither helpful nor harmful
1	8,3%	Harmful
0	0%	Very harmful
0	0%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

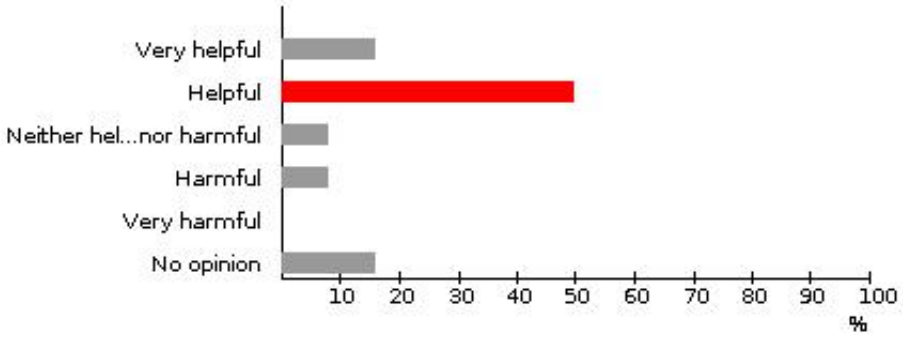
3b. If you have not answered "No opinion" to the above question, please motivate your choice.

4 har svarat av 16 (25%)

Kommentar:

-The already set restriction are very useful since we as users dont have to create restrictions which is a tedious task. Also when an instance was created the property relavent to the instance were already present so it made it easy. Especially if the ontology is big its hard to keep track of all properties.
-in some cases, it was helpful to know about range to find the purpose of pattern.
-Design patterns allow the use of good solutions to common ontology design problems to be reused. It also helps gaining access to more documents provided resources to allow the ontologies to be enlarged. So, the properties defined in them for ranges/domains gives more help to the user..
-These restrictions where very helpful to understand there purposes : on which classes there apply, for which value. However, I decided to modify some in order to use some of them on different classes.

3c. Domain restrictions



antal	fördelning	alternativ
2	16,7%	Very helpful
6	50%	Helpful
1	8,3%	Neither helpful nor harmful
1	8,3%	Harmful

0	0%	Very harmful
2	16,7%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

3d. If you have not answered "No opinion" to the above question, please motivate your choice.

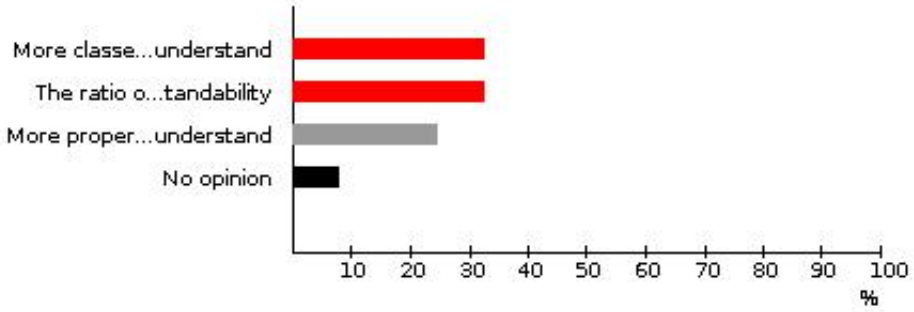
2 har svarat av 16 (12%)

Kommentar:

-like above.
-These restrictions where very helpful to understand there purposes : on which classes there apply, for which value. However, I decided to modify some in order to use some of them on different classes.

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4. Of the patterns that you have used, some have more classes defined than properties, and others more properties defined than classes. Did find either type of pattern easier to understand?



antal	fördelning	alternativ
4	33,3%	More classes are easier to understand
4	33,3%	The ratio of classes to properties do not affect understandability
3	25%	More properties are easier to understand
1	8,3%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

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5. If you have not answered "No opinion" to the above question, please motivate your choice.

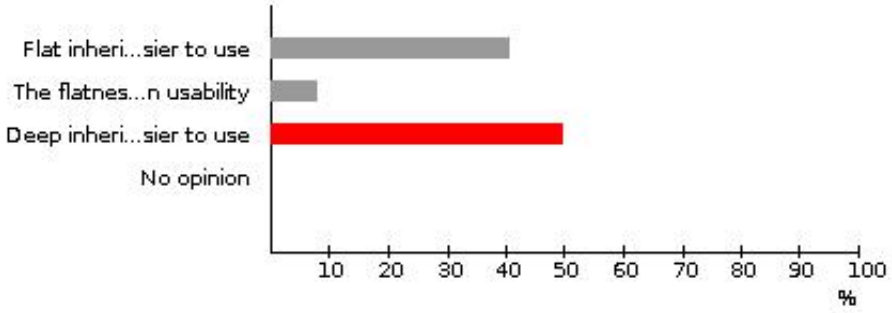
4 har svarat av 16 (25%)

Kommentar:

-Well I felt personally those patterns with more classes were hard to understand. Because when you start with the pattern its confusing what each class is for but having more properties its easier to relate to.
-the properties help to understand and use of the connection between classes and classes help to see different parts of subject clearly.but if they are too much or not well described, they turn to be complicated to understand and use.and it take so much time to find the class or property that we need.
-Didn't have any issues in understanding because of the number of classes and properties defined
-I did not perceive such differences.

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6. Some of the patterns you have used make more extensive use of a deep inheritance hierarchy to structure classes, whereas some others have relatively flat inheritance hierarchies. Did you find either type of pattern easier to apply and use?



antal	fördelning	alternativ
5	41,7%	Flat inheritance hierarchies are easier to use
1	8,3%	The flatness or depth of the inheritance hierarchy has no effect on usability
6	50%	Deep inheritance hierarchies are easier to use
0	0%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

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7. If you have not answered "No opinion" to the above question, please motivate your choice.

4 har svarat av 16 (25%)

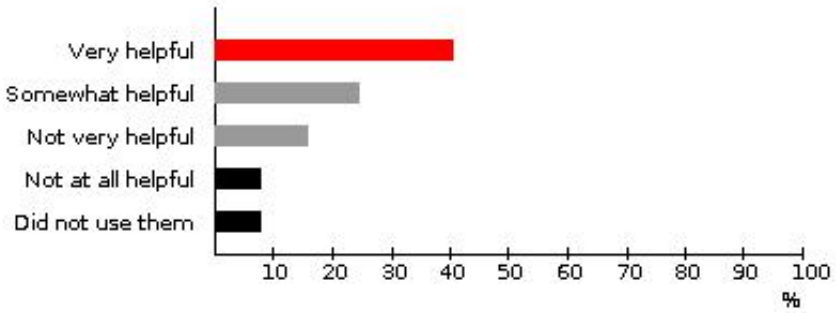
Kommentar:

-deeper the inhertiance the better because it makes the connection between classes and instances and properties easier and also better understanding of the ontology.
-it make the concept more clear. you understand each part is relevant with which concept but on the other hand to deep hierarchies seems like redundancy.
-In querying, collection of the necessary information for a particular reference entity is more straightforward in the case of a flat model.

-With deep hierarchy, it is easier to understand the relation between classes, and how to organize the knowledge.

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8. Did you find the RDFS Label and RDFS Comment annotations inside the patterns to be helpful in guiding application of the patterns?



antal	fördelning	alternativ
5	41,7%	Very helpful
3	25%	Somewhat helpful
2	16,7%	Not very helpful
1	8,3%	Not at all helpful
1	8,3%	Did not use them

12 har svarat av 16 (75%)
Max antal val: 1

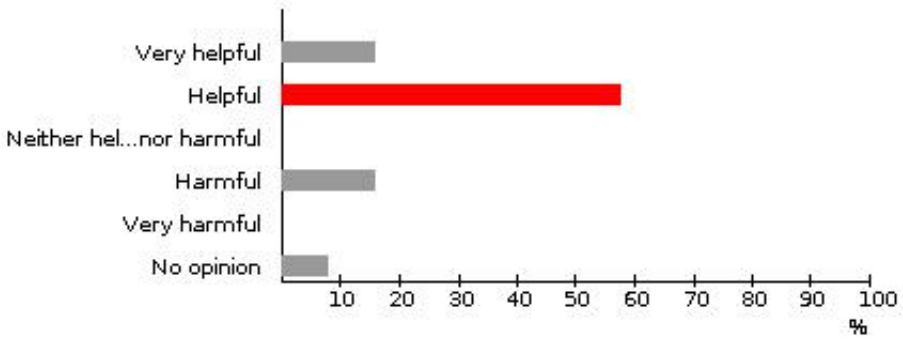
9. If you have not answered "Did not use them" to the above question, please motivate your choice.

3 har svarat av 16 (18%)

Kommentar:

-yes the RDFS labels were very useful, as there were a few classes which I quiet didnt get what they defined and found the comments helpful to guide me through the pattern.
-RDFS allows:
- to name and declare vocabularies
- to specify the signature of properties
- to specify the multiple inheritance links between the types of classes or types of properties
- to provide labels and comments in natural language to document and display these primitives.
-They did not give more information than the documentation itself.

10a. Class restriction effect on understandability



antal	fördelning	alternativ
2	16,7%	Very helpful
7	58,3%	Helpful
0	0%	Neither helpful nor harmful
2	16,7%	Harmful
0	0%	Very harmful
1	8,3%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

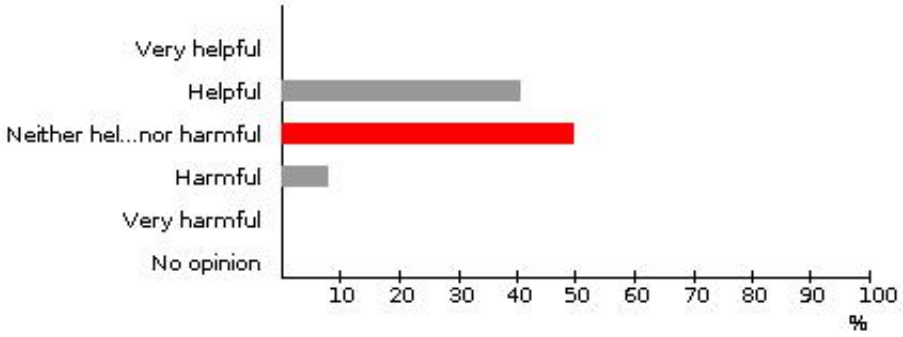
10b. If you have not answered "No opinion" to the above question, please motivate your choice.

3 har svarat av 16 (18%)

Kommentar:

-Class restrictions on instances were helpful since when associating different classes, i believe if the restrictions were not there it would be difficult to figure out which instance needed to be included. Which for some cases there were so many instances i got confused and added the wrong instance.
-if you do not get the purpose of each part while you put value in properties or providing an instance for a class, these restrictions help you to choose correct object.
-It helped to understand the purpose of some classes.
For example, the difference between event and consequence in the pattern Reaction.

10c. Class restriction effect on pattern usage



antal	fördelning	alternativ
0	0%	Very helpful
5	41,7%	Helpful
6	50%	Neither helpful nor harmful
1	8,3%	Harmful
0	0%	Very harmful
0	0%	No opinion

12 har svarat av 16 (75%)
Max antal val: 1

10d. If you have not answered "No opinion" to the above question, please motivate your choice.

4 har svarat av 16 (25%)

Kommentar:

-Well from pattern usage point of view there were sometimes when i wanted to add some instances which were not complied by the class restriction and i felt these instances had to be included. But i guess its not a big deal though
-same as above.
-Class restrictions do not update the allowed classes as needed.
-As I followed the documentation, I did not have any problem to implement the pattern.