

Survey on "Development of an Ontology Network Reusing Ontology Design Patterns"

The purpose of this survey is (a) to know how easy or difficult was Unit 4 Hands-On Project (Intelligent Systems Course 2020-2021) and (b) to know your feelings about the activity of reusing the proposed pattern.

Your feedback will help us to evaluate both the assignment and the proposed pattern.

In this survey we will first ask you about your previous knowledge and experience. Second you will find (a) some questions related to your impression about the hands-on project and (b) a bunch of questions related to the reuse activity performed during the ontology network development. Finally, we will ask you about some demographic issues and general comments.

This survey will take approximately 8-10 minutes to complete and is totally anonymous. Your contribution is much appreciated, thank you very much!.

***Campo obbligatorio**

Previous Knowledge and Experience

1. Do you have any previous experience developing ontologies? *

Contrassegna solo un ovale.

- ☐ Yes
☐ No
☐ Other

2. Do you have any previous experience reusing knowledge patterns? *

Contrassegna solo un ovale.

- ☐ Yes
☐ No
☐ Other

3. Do you have any previous experience using ontology editors? *

Contrassegna solo un ovale.

- ☐ Yes
☐ No
☐ Other

Impressions about the Hands-On Project

4. Please select the domain you should represent in your hands-on project *

Contrassegna solo un ovale.

- ☐ DOMAIN 1: Webcomics
☐ DOMAIN 2: Resonance in collective reading
☐ DOMAIN 3: School diaries
☐ DOMAIN 4: The places where we read
☐ DOMAIN 5: Correspondences
☐ DOMAIN 6: "Stalking" on social media

5. Do you think your domain is difficult to understand? *

Please rank the statement from 1 to 5 based on how much you agree with them. 5 means that you strongly agree; 1 means that you strongly disagree.

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

6. Do you think developing an ontology network is a difficult activity? *

Please rank the statement from 1 to 5 based on how much you agree with them. 5 means that you strongly agree; 1 means that you strongly disagree.

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

7. Do you think reusing an ontology design pattern is a difficult activity? *

Please rank the statement from 1 to 5 based on how much you agree with them. 5 means that you strongly agree; 1 means that you strongly disagree.

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

8. Please include how many hours (approximately) you used for performing the hands-on project *

9. Please include any problem you had while performing the hands-on project

Reusing an Ontology Design Pattern

10. Do you think E&O pattern is an intuitive pattern to use? *

Please rank the following statement from 1 to 5 based on how much you agree with them. 5 means that you strongly agree; 1 means that you strongly disagree.

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

11. In case you consider E&O pattern is not intuitive (you answered 1 to 4 in the previous question), what do you think it is missing?

Seleziona tutte le voci applicabili.

- ☐ Better pattern documentation
- ☐ Clear descriptions in pattern elements
- ☐ Missing the provision of examples of use

Altro: ☐ _____

12. Do you think E&O pattern was useful for modelling part of your domain? *

Please rank the following statement from 1 to 5 based on how much you agree with them. 5 means that you strongly agree; 1 means that you strongly disagree.

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

13. In case you consider E&O pattern was not useful during your ontology network development (you answered 1 to 4 in the previous question), what do you think is the reason?

Contrassegna solo un ovale.

- ☐ The pattern does not apply to the case study (domain)
- ☐ Missing concepts or relations
- ☐ Altro: _____

14. In case you answered "Missing concepts or relations" in the previous question, please provide the list of the missing elements

15. Do you think E&O pattern was essential in the description of your case study (domain)? *

Please rank the following statement from 1 to 5 based on how much you agree with them. 5 means that you strongly agree; 1 means that you strongly disagree.

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

16. In case you consider E&O pattern was not essential during your ontology network development (you answered 1 to 4 in the previous question), what do you think is the reason?

Contrassegna solo un ovale.

- ☐ Overlaps with another ontology or ontology design pattern
- ☐ Marginal concerning the key aspects provided in the case study (domain)
- ☐ Altro: _____

17. In case you answered "Overlaps with another ontology or ontology design pattern" in the previous question, please provide the list of ontologies or ontology design patterns

18. Do you think E&O pattern could be applied to other case studies (domains)? *

Contrassegna solo un ovale.

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Altro: _____

19. If you answered "yes" in the previous question, could you please list the case studies (domains) you envisage its use?

20. If you answered "no", could you motivate why E&O pattern is not relevant outside your case study (domain)?

Demographic Questions

21. Gender *

Contrassegna solo un ovale.

- ☐ Man
- ☐ Woman
- ☐ I prefer not to reply
- ☐ Altro: _____

22. Age *

Contrassegna solo un ovale.

- ☐ 18-30
- ☐ 31-45
- ☐ 46-60
- ☐ Más de 60
- ☐ Altro: _____

23. Master Programme *

Contrassegna solo un ovale.

- ☐ MUII Master Universitario de Ingeniería Informática (UPM)
- ☐ MDS Master in Data Science (UPM)
- ☐ EIT DS Master's Programme in ICT Innovation: Data Science (European Institute of Innovation & Technology)
- ☐ EIT Health Master of Science in Health & Medical Data Analytics (European Institute of Innovation & Technology)
- ☐ Altro: _____

24. Native Country *

General Comments

25. Please include any feedback you consider useful

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