

# CSE 6708 - Semantic Web

## Assignment 2

Report on Paper Presentation

**Paper Name** Source Code Plagiarism Detection Method Using Protégé  
Built Ontologies

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# List of Figures

# Listings

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## Paper Summery

## 2

# Analysis of References present in Given Paper

## 2.1 List of Citation

1. M. K. Shenoy, K. C. Shet and U. D. Acharya. (2012, May). Semantic Plagiarism Detection System Using Ontology Mapping. Advanced Computing: An International Journal [Online].3(3). <sup>1</sup>
2. The Protégé Ontology Editor and Knowledge Acquisition System. <sup>2</sup> (2013, July 1).
3. T. Bray, J. Paoli, C. M. Sperberg-McQueen, E. Maler and F. Yergeau. (2004, February 4). Extensible Markup Language (XML) 1.0. W3C Recommendation [Online]. Third Edition. <sup>3</sup>
4. F. Manola and E. Miller (2004, February 10). RDF Primer. W3C Recommendation [Online]. <sup>4</sup>
5. S. Harris, A. Seaborne. (2013, March 21). SPARQL 1.1 Query Language. W3C Recommendation [Online]. Available: <sup>5</sup>
6. J. Bao, D. Calvanese, B. C. Grau, et al. (2012, December 11). OWL 2 Web Ontology Language. W3C Recommendation [Online]. Second Edition. <sup>6</sup>
7. E Akin, Object Oriented Programming, Houston: Rice University Publishing House, 2001, pp. 33-34.

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<sup>1</sup><http://airccse.org/journal/acij/papers/0512acij06.pdf>

<sup>2</sup><http://protege.stanford.edu/>

<sup>3</sup><http://www.w3.org/TR/2004/REC-xml20040204/>

<sup>4</sup><http://www.w3.org/TR/2004/REC-rdfprimer-20040210/>

<sup>5</sup><http://www.w3.org/TR/2013/RECsparql11-query-20130321/>

<sup>6</sup><http://www.w3.org/TR/owl2-overview/>

8. S. Kara, O. Alan and O. Sabuncu, “An ontology-based retrieval system using semantic indexing”, *Information Systems*, vol. 37, no. 4, pp. 294–305, June 2012.
9. Pseudocode Standards, California Polytechnic State University Website. <sup>7</sup>
10. C. Liu, H. Wang, Y. Yu and L. Xu, “Towards Efficient SPARQL Query Processing on RDF Data”, *Tsinghua Science & Technology*, vol. 15, no. 6, pp. 613–622, December 2010.
11. I. Ivan and C. Boja, *Metode Statistice in analiza software*. Bucharest: ASE Publishing House, 2004, pp. 218-224. *Informatica Economica* vol. 17, no. 3/2013
12. S. Russel and P. Norving, *Artificial Intelligence: A Modern Approach* (2nd edition). New Jersey: Pearson Education Inc., 2003, pp. 350-352.
13. P. Durusau, S. Newcomb and R. Barta (2007, November). Topic Maps Reference Model. International Organization for Standardization. <sup>8</sup>
14. D. Newman, T. Baldwin, L. Cavedon and E. Huang, “Visualizing search results and document collections using topic maps”, *Web Semantics: Science, Services and Agents on the World Wide Web*, vol. 8, no. 2-3, pp 169–175, July 2010.
15. A. Hatzigaidas, A. Papastergiou, G. Tryfon and D. Maritsa, “Topic Map Existing Tools: A Brief Review”, in *Proc. The International Conference on Theory and Applications of Mathematics and Informatics*, Thessaloniki, Greece, 2004, pp 185-201

## 2.2 Classification of Given Citation

- Reference 1 is a paper published in an international Journal.
- Reference 2 is the homepage of Protege editor.
- Reference 3 is World Wide Web Consortium (W3C) recommendation of XML.
- Reference 4 is World Wide Web Consortium (W3C) primer for RDF.
- Reference 5 is World Wide Web Consortium (W3C) recommendation for SPARQL.

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<sup>7</sup>[http://users.csc.calpoly.edu/~jdalbey/SWE/pd1\\_std.html](http://users.csc.calpoly.edu/~jdalbey/SWE/pd1_std.html) (2013, July1)

<sup>8</sup><http://www.isotopicmaps.org/TMRM/TMRM-7.0/tmrm7.pdf>

- Reference 6 is Wide Web Consortium (W3C) recommendation for OWL.
- Reference 7 is a book on OOP.
- Reference 8 is a Masters thesis from Middle East University (Turkey) on semantic indexing.
- Reference 9 is a dead link to a standard on pseudocode writing. Currently can be found on scribd <sup>9</sup>.
- Reference 10 is an IEEE paper on SPARQL Query processing.
- Reference 11 is an book on Statistical methods in software analysis written in Romanian.
- Reference 12 is the most widespread book on AI.
- Reference 13 is the ISO reference model for topic maps.
- Reference 14
- Reference 15

### 2.2.1 Comment

As we can see that references 3-6, 13 are specifications from W3C, ISO. Reference 2 is a website. And References 11, 12 are excerpts from books. So, we shall analyze refences 1, 8, 10, 14, 15.

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<sup>9</sup><https://www.scribd.com/document/47856615/PSEUDOCODE-STANDARD>



**3**

## **Analysis of Citations of Given Paper**

4

## Future Work

5

## Appendix