

De la contraposición de las categorías analizadas en los artículos de las diferentes conferencias y las necesidades educativas expuestas en la sección 4 podemos concluir que los LOD y los proyectos que los rodean en el mundo de la educación van dirigidos a cubrir las siguientes de tecnologías: formación basada en el ordenador, simulación interactiva, sistemas tutoriales inteligentes, recuperación de información basada en la indagación, entornos virtuales con agentes y juegos de propósito. Por lo tanto, los mayores esfuerzos se están haciendo en complementar los entornos de enseñanza virtual aportando nuevas funcionalidades o complementando las funciones ya existentes.

Bibliografía

- [1] T. Berners-Lee, "Linked Data - Design Issues." [Online]. Available: <http://www.w3.org/DesignIssues/LinkedData.html>. [Accessed: 14-Apr-2018].
- [2] C. Bizer, T. Heath, and T. Berners-Lee, "Linked data-the story so far," *Int. J. ...*, 2009.
- [3] M. D. Aquin and M. D'Aquin, "Linked data for open and distance learning," no. June, 2012.
- [4] "Linked Data Organization." [Online]. Available: <http://linkeddata.org/>. [Accessed: 14-Apr-2018].
- [5] T. Tiropanis and H. Davis, "Semantic technologies for learning and teaching in the Web 2.0 era," *Intell. Syst. ...*, no. december, pp. 49–53, 2009.
- [6] C. Bratsas and I. Parapontis, "Educational Semantic Wikis in the Linked Data Age: the case of MSc Web Science Program at Aristotle University of Thessaloniki," *Available SSRN ...*, pp. 1–6, 2011.
- [7] S. Dietze and S. Sanchez-Alonso, "Interlinking educational resources and the web of data: A survey of challenges and approaches," ... *Electron. Libr. ...*, vol. 47, no. 1, pp. 60–91, 2013.
- [8] E. Mudu, L. Schiatti, G. Rizzo, and A. Servetti, "Zenaminer : driving the SCORM standard towards the Web of Data," *Linked Learning 2011*, pp. 1–15, 2011.
- [9] F. Sarker, T. Tiropanis, and H. H. C. Davis, "Exploring student predictive model that relies on institutional databases and open data instead of traditional questionnaires," ... *Rev. Res. Open Distance Learn. 22nd Int. Conf. ...*, pp. 413–418, 2013.
- [10] H. Q. (open university) Yu, "A linked data-driven & service-oriented architecture for sharing educational resources," 2011.
- [11] F. Zablith, M. Fernandez, and M. Rowe, "The OU Linked Open Data: Production and Consumption," in *Semantic Web Eswc 2011 Workshops*, vol. 7117, R. GarciaCastro, D. Fensel, and G. Antoniou, Eds. 2012, pp. 35–49.
- [12] "Educational Curriculum for the user of linked data." [Online]. Available: <http://www.euclid-project.eu/>. [Accessed: 25-Apr-2018].
- [13] L. Aroyo and D. Dicheva, "The New Challenges for E-learning: The Educational Semantic Web," *Educ. Technol. Soc.*, vol. 7, no. 4, pp. 59–69, 2004.
- [14] I. Celino and D. Dell'Aglio, "A Linked Knowledge Base for Simulation Learning," ... *Linked Data Age (Linked Learn. ...*, 2011.
- [15] D. Giordano and I. Kavasidis, "Developing controlled vocabularies for educational resources sharing: a case study," *Proc. Linked ...*, 2011.
- [16] J. Ohler, "The Semantic Web in Education." [Online]. Available: <https://er.educause.edu/articles/2008/11/the-semantic-web-in-education>. [Accessed: 25-Apr-2018].
- [17] K. Höver and M. Mühlhäuser, "Linked data selectors," ... *22nd Int. Conf. ...*, pp. 439–444, 2013.
- [18] J. Robinson, J. Stan, and M. Ribière, "Using linked data to reduce learning latency for e-book readers," in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2012, vol. 7117 LNCS, pp. 28–34.
- [19] A. Ruiz-Calleja, "A Linked-Data-based search system of educational tools for the Web of Data," *Fifth Dr. Consort. Eur. Conf. Technol. Enhanc. Learn.*, p. 11, 2010.
- [20] D. Taibi, B. Fetahu, and S. Dietze, "Towards integration of web data into a coherent educational data graph," ... *Conf. World Wide Web companion*, pp. 419–424, 2013.
- [21] H. Dumont, D. Istance, and F. Benavides, "The Nature of Learning: Using Research to Inspire Practice," *Educational Research and Innovation*. Centre for Educational Research and Innovation, OECD, p. 342, 2010.

- [22] P. Kielstra and S. Mosavi, "The learning curve," *Pearson*, 2014.
- [23] A. Graesser, P. Chipman, and B. King, "Computer-mediated technologies," ... *Technol.*, no. M, pp. 211–224, 2007.
- [24] M. Foulonneau, "Generating educational assessment items from linked open data: The case of DBpedia," in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2012, vol. 7117 LNCS, pp. 16–27.
- [25] J. M. Pawlowski, "OpenScout." [Online]. Available: <http://learn.openscout.net/>.
- [26] Talis Education Ltd, "Talis." [Online]. Available: <https://talis.com/reading-lists/>. [Accessed: 10-Apr-2018].
- [27] V. Tomberg and M. Laanpere, "RDFa versus Microformats: Exploring the Potential for Semantic Interoperability of Mash-up Personal Learning Environments," pp. 102–109.
- [28] Davy Van Deursen, Igor Jacques, Stefan De Wannemacker, Steven Torrelle, Wim Van Lancker, Maribel Montero Perez, Erik Mannens, and Rik Van De Walle, "A mobile and adaptive language learning environment based on linked data," in *1st International Workshop on eLearning Approaches for the Linked Data Age*, 2011.
- [29] P. Siehndel and R. Kawase, "Finding relevant missing references in learning courses," pp. 425–430, 2013.
- [30] D. Steinbock, "tagcrowd." [Online]. Available: <http://tagcrowd.com/>. [Accessed: 10-Apr-2018].
- [31] K. Siorpaes and M. Hepp, "Games with a purpose for the semantic Web," *IEEE Intell. Syst.*, vol. 23, no. 3, pp. 50–60, 2008.
- [32] "Open Access Infrastructure for Research in Europe." [Online]. Available: <http://www.openaire.eu/>. [Accessed: 28-Mar-2018].
- [33] "Join up. European Commission." [Online]. Available: <https://joinup.ec.europa.eu/>. [Accessed: 28-Mar-2018].
- [34] M. D'Aquin, S. Dietze, H. Drachsler, M. Guy, E. Parodi, and E. Herder, "Building the Open Elements of an Open Data Competition," *D-lib Magazine*. [Online]. Available: <http://www.dlib.org/dlib/may14/daquin/05daquin.html>. [Accessed: 27-Apr-2018].
- [35] E. Semantic and W. Conference, "1st International Workshop on eLearning Approaches for the Linked Data Age," 2011, no. May.
- [36] "2nd International Workshop on Learning and Education with the Web of Data," 2012.
- [37] "European Semantic Web Conferences (ESWC)." [Online]. Available: eswc-conferences.org.
- [38] "International World Wide Web Conferences Steering Committee (IW3C2)," [Online]. Available: <http://www.iw3c2.org/>.