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Position paper

COST Action IS1404

IS1404 E-READ: Evolution of Reading in the Age of Digitization

WG(s): WG1: Continuing/skilled (PISA-age) reading

POTENTIAL RESEARCH CONTRIBUTION

As teaching/research senior assistant at the Department of Information Sciences, Faculty of Humanities and Social Sciences, my areas of interest are e-publishing and e-book, emphasize on models of e-book aggregation. My research interests include development of e-book aggregators, web publishing, web application development for publishers, database design and implementing Open source solution in information intuitions.

ACTION OBJECTIVES

As stated in research projects of WG1, multiple experiments are planned for testing the impact of different features and variables of electronic reading. My skills as programmer and information system developer may contribute to this working group in form of preparing, designing, developing and implementing software solution that can help conducting these tests and organize collected data in form for further data analysis with some statistical tools such as Statistica or SPSS. It is possible to develop testing software that will support all kind of online testing with different parameters or just reporting data from different devices testing. Currently I

am developing such a system for Department of psychology at our Faculty. System is available online at <http://jakopec.com/ECLAT/>. System is multirole, multiuser, enabling multiple institutions, project, participant and tasks. It is my opinion that such a system can help for better data management while conducting describe test within working group.

PROFESSIONAL ACTIVITIES

I'm involved in teaching, at the undergraduate level, in courses: Web design, Database design, Implementation of solution for content management and Electronic publishing on the graduate level. On postgraduate level I am teaching programming languages and System development.

EDUCATION

2008. – 2014. PhD in Information Science (publishing module) from University of Zadar. Title of PhD thesis is *Organization and management of e-book aggregators in the academic environment*.

2009. Certificate in Pedagogical-psychological and didactic-methodical education at the Faculty of Humanities and Social Sciences, University of Osijek

1999. – 2006. Master of Science in Information systems at The University of Zagreb, Faculty of Organization and Informatics

SELECTED ARTICLES

Selthofer, Josipa; Jakopec, Tomislav. How Can Customized IT System Support Qualitative Methods in Website Validation: Application for Visual Content Analysis // Libraries in the Digital Age (LIDA) Proceedings / Dr. Franjo Pehar (ur.). Zadar, 2014.

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Jakopec, Tomislav; Jurić, Mirjana. Modeliranje sustava za pozicioniranje i vizualno označivanje povijesnih katastarskih planova. // Libellarium: journal for the history of writing, books and memory institutions. 5 (2012) , 2; 183-196.

Jakopec, Tomislav; Hoare, Cathal; O'Riordan, Adrian. Web Connectivity of Higher Education Institutions within a Country: A Comparison of Croatia and Ireland // Proceedings of the ITI 2012 34th International Conference on Information Technology Interfaces / Luzar-Stiffler, Vesna ; Jarec, Iva ; Bekić, Zoran (ur.). Zagreb : University Computing Center SRCE, University of Zagreb, 2012. 343-348.

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Jakopec, Tomislav; Đekić, Eleonora; Slijepčević, Tanja. Web development awareness about W3C standards: Croatia survey // Proceedings of the 22nd Central European Conference on Information and Intelligent Systems, September 21st- 23rd 2011, Varaždin, Croatia / Hunjak, Tihomir ; Lovrenčić, Sandra ; Tomičić, Igor (ur.). Varaždin : University of Zagreb, 2011. 53-58

Osijek, June 10, 2015.

Tomislav Jakopec, PhD

A handwritten signature in blue ink, appearing to read 'Jaka', with a long horizontal flourish extending to the right.