

International Journal of Information Technology and Web Engineering

July-September 2014, Vol. 9, No. 3

Table of Contents

RESEARCH ARTICLES

- 1 **A New Approach of Web Systems Modularity Increase Using Combination of Event-Driven Software Architecture and Relationship Mechanism Based on Message Passing: Case Study**
Esmail Amini, Department of Computer Engineering, Urmia Branch, Islamic Azad University, Urmia, Iran
Isa Maleki, Department of Computer Engineering, Urmia Branch, Islamic Azad University, Urmia, Iran
- 15 **From User's Goal to Semantic Web Services Discovery: Approach Based on Traceability**
Houda el Bouhissi, EEDIS Laboratory, Djillali Liabes University of Sidi-Bel-Abbes, Algeria
Mimoun Malki, EEDIS Laboratory, Djillali Liabes University of Sidi-Bel-Abbes, Algeria & High School of Computer Science of Sidi Bel-Abbes (ESI-Sidi Bel-Abbes), Algeria
Mohamed Amine Sidi Ali Cherif, EEDIS Laboratory, Djillali Liabes University of Sidi-Bel-Abbes, Algeria
- 40 **Cases for the Web in Your Pocket (WiPo): Surviving Offline with Online Data**
Stuart Dillon, Waikato Management School, Hamilton, New Zealand
Karyn Rastrick, Waikato Management School, Hamilton, New Zealand
Florian Stahl, European Research Center for Information Systems, University of Münster, Münster, Germany
Gottfried Vossen, Waikato Management School, Hamilton, New Zealand
- 55 **Towards Improving the Lexicon-Based Approach for Arabic Sentiment Analysis**
Nawaf A. Abdulla, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Nizar A. Ahmed, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Mohammed A. Shehab, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Mahmoud Al-Ayyoub, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan
Mohammed N. Al-Kabi, Faculty of Sciences and IT, Zarqa University, Zarqa, Jordan
Saleh Al-rifai, Computer Science Department, Jordan University of Science and Technology, Irbid, Jordan

Copyright

The **International Journal of Information Technology and Web Engineering (IJITWE)** (ISSN 1554-1045; eISSN 1554-1053), Copyright © 2014 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Information Technology and Web Engineering* is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory