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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Search -- Searching Repositories of Web Application Models -- Toward Approximate GML Retrieval Based on Structural and Semantic Characteristics -- Advancing Search Query Autocompletion Services with More and Better Suggestions -- Designing Service Marts for Engineering Search Computing Applications -- Web Services -- Engineering Autonomic Controllers for Virtualized Web Applications --

AWAIT: Efficient Overload Management for Busy Multi-tier Web Services under Bursty Workloads -- Normative Management of Web Service Level Agreements -- Combining Schema and Level-Based Matching for Web Service Discovery -- Web Messaging for Open and Scalable Distributed Sensing Applications -- On Actors and the REST -- Development Process -- Multi-level Tests for Model Driven Web Applications -- Capture and Evolution of Web Requirements Using WebSpec -- Re-engineering Legacy Web Applications into Rich Internet Applications -- Deriving Vocal Interfaces from Logical Descriptions in Multi-device Authoring Environments -- Quality, Quality in Use, Actual Usability and User Experience as Key Drivers for Web Application Evaluation -- Interfaces for Scripting: Making Greasemonkey Scripts Resilient to Website Upgrades -- Web 2.0 -- Context-Aware Interaction Approach to Handle Users Local Contexts in Web 2.0 -- Rethinking Microblogging: Open, Distributed, Semantic -- A Web-Based Collaborative Metamodeling Environment with Secure Remote Model Access -- Carbon: Domain-Independent Automatic Web Form Filling -- Scalable and Mashable Location-Oriented Web Services -- Linked Data -- A Flexible Rule-Based Method for Interlinking, Integrating, and Enriching User Data -- Ranking the Linked Data: The Case of DBpedia -- Linkator: Enriching Web Pages by Automatically Adding Dereferenceable Semantic Annotations -- Performance and Security -- A Generic Proxy for Secure Smart Card-Enabled Web Applications -- Efficient Term Cloud Generation for Streaming Web Content -- Industry Papers -- Experiences in Building a RESTful Mixed Reality Web Service Platform -- WebRatio BPM: A Tool for Designing and Deploying Business Processes on the Web -- A Visual Tool for Rapid Integration of Enterprise Software Applications -- Customization Realization in Multi-tenant Web Applications: Case Studies from the Library Sector -- Challenges and Experiences in Deploying Enterprise Crowdsourcing Service -- Business Conversation Manager: Facilitating People Interactions in Outsourcing Service Engagements -- Demo and Poster Papers -- Tools for Modeling and Generating Safe Interface Interactions in Web Applications -- Linking Related Documents: Combining Tag Clouds and Search Queries -- GAmara: A Tool for WS-BPEL Composition Testing Using Mutation Analysis -- Open, Distributed and Semantic Microblogging with SMOB -- The ServFace Builder - A WYSIWYG Approach for Building Service-Based Applications -- Extracting Client-Side Web User Interface Controls -- Applying Semantic Web Technology in a Mobile Setting: The Person Matcher -- Syncro - Concurrent Editing Library for Google Wave -- An Eclipse Plug-in for Model-Driven Development of Rich Internet Applications -- A Cross-Platform Software System to Create and Deploy Mobile Mashups -- A Blog-Centered IPTV Environment for Enhancing Contents Provision, Consumption, and Evolution -- Factic: Personalized Exploratory Search in the Semantic Web -- Takuan: A Tool for WS-BPEL Composition Testing Using Dynamic Invariant Generation.

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## Sommario/riassunto

Web engineering is now a well-established and mature field of research with strong relationships with other disciplines such as software engineering, human-computer interaction, and artificial intelligence. Web engineering has also been recognized as a multidisciplinary field, which is growing fast together with the growth of the World Wide Web. This evolution is manifested in the richness of the Web Engineering Conferences which attract researchers, practitioners, educators, and students from different countries.

This volume contains the proceedings of the 10th International Conference on Web Engineering (ICWE2010), which was held in Vienna, Austria, in July 2010. The ICWE conferences are among the most essential events of the Web

engineering community. This fact is manifested both by the number of accomplished researchers that support the conference series with their work and contributions as well as by the continuing patronage of several international organizations dedicated to promoting research and scientific progress in the field of Web engineering. ICWE 2010 followed conferences in San Sebastian, Spain; Yorktown Heights, NY, USA; Como, Italy; Palo Alto, CA, USA; Sydney, Australia; Munich, Germany; Oviedo, Spain; Santa Fe, Argentina; and Caceres, Spain. This year's call for research papers attracted a total of 120 submissions from 39 countries spanning all continents of the world with a good coverage of all the different aspects of Web engineering. Topics addressed by the contributions included areas ranging from more traditional fields such as model-driven Web engineering, Web services, performance, search, Semantic Web, quality, and testing to novel domains such as the Web 2.0, rich Internet applications, and mashups.

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