

Architecture of Reliable Web Applications Software

Moh'd A. Radaideh and Hayder Al-Ameed, UAE University, United Arab Emirates

Architecture of Reliable Web Applications Software

presents new concepts regarding the reliability, availability, manageability, performance, scalability, and secured-ability of applications, particularly the ones that run over the Web. Architecture of Reliable Web Applications Software examines the causes of failure in a Web-based information system development project, and indicates that to exploit the unprecedented opportunities offered by e-service applications, businesses and users alike need a highly available, reliable, and efficient telecommunication infrastructure.

Architecture of Reliable Web Application Software proposes a scalable QoS-aware architecture for the management of QoS-aware Web services to provide QoS management support for both Web services' providers and consumers. It also introduces Hyper-services as a unified application model for semantic Web frameworks and proposes Conceptual Model Driven Software Development as a means of easy

Table of Contents:

Ch 1. Database High Availability: An Extended survey
Ch 2. Enterprise Metadata for Reliable Web Applications
Ch 3. Architecture of an Information System for Personal Financial Planning
Ch 4. Approaches to building high performance web applications: A practical look at availability, reliability and performance
Ch 5. The Demise of a Business-to-Business Portal
Ch 6. e-HR: A Reliable Human Resources Management System
Ch 7. A Security Solution for Web-Services Based Grid Application

Ch 8. Conceptual Model Driven Software Development (CMDSD) as a Catalyst Methodology for Ch 9. Building Sound Semantic Web Frameworks
Ch 10. Automatic Replication for Web Applications
Ch 11. A Scalable QoS-aware Web Services Management Architecture (QoSMA)
Ch 12. Information System Development Failure and Complexity: A Case study
Ch 13. SLA Monitoring of Presence-Enabled Services: A New Approach
Ch 14. All-Optical Internet: Next-Generation Network Infrastructure for E-Service Applications

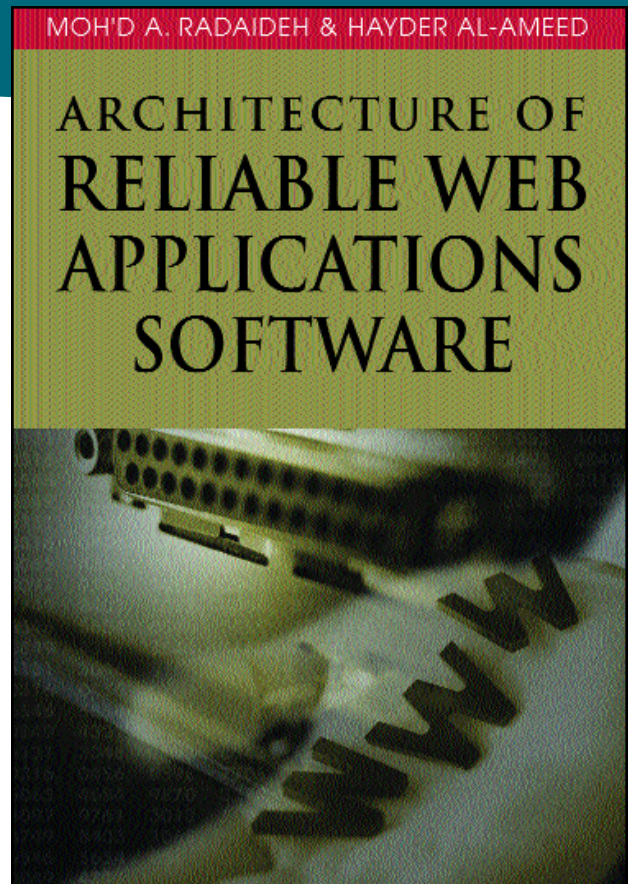
Special 30% Discount Offer

ISBN: 1-59904-183-9 h/c US\$99.95 30% Discounted rate \$69.97
ISBN: 1-59904-184-7 s/c US\$84.95 30% Discounted rate \$59.97
eISBN: 1-59904-185-5 US\$67.96
380 pages • Copyright 2007

**Excellent addition to your library!
Recommend to your acquisitions librarian.**

“This book is concerned with the issues and matters that relate to the reliability, availability, manageability, performance, scalability, and secured-ability of applications, particularly the ones that run over the web.”

—Moh'd A. Radaideh



About the Editors

Radaideh, Moh'd A. is currently serving as Advisor/IT Expert at the Human Resources General Directorate of Abu Dhabi Police GHQ (ADP) in the United Arab Emirates. Prior to ADP, he served for about 4 years as Academic Coordinator of the Information Systems Program at the College of IT in the United Arab Emirates University. Prior to UAEU, he served as Senior Consulting Engineer at Verity, Inc (now part of Autonomy) where he led more than 30 projects throughout the US, Canada and Mexico. Prior to Verity, he served as Staff Software Developer at IBM Canada. Dr. Radaideh holds a Ph.D. degree in Software Engineering, a Masters in Project Management from George Washington University, a Master degree in Computer Engineering from Jordan University of Science and Technology and a Bachelor degree in Electrical and Computer Engineering from Yarmouk Univeristy.

Hayder Al-Ameed has MSc, OCP, MCP, DB2 Admin qualifications. Mr. Al-Ameed is an experienced engineer in computer systems and software engineering. He got his MSc. degree in Computer Science form the University of Technology/Baghdad. He has intensive academic experience in sever-al universities of different countries. He participated into more than many projects. He played a variety of roles such as a consultant, a team lead, system administrator, database designer and programmer; in addition to providing consulting services for the IT departments in many private and state companies and organizations. Mr. Al-Ameed is pursuing his Ph.D. degree in the University of Bradford, UK.

ORDER FORM

Emerging Information Resources Management and Technologies

ISBN: 1-59904-183-9 h/c US\$99.95 30% Discounted rate \$69.97

ISBN: 1-59904-184-7 s/c US\$84.95 30% Discounted rate \$59.97

Shipping/handling \$ _____

PA residents add 6% sales tax \$ _____

TOTAL \$ _____

Note: Discount only valid on purchases made directly from Idea Group Inc.

IDEA GROUP INC.

701 E. Chocolate Avenue

Suite 200

Hershey, PA 17033-1240, USA

Tel: 717-533-8845

Fax: 717-533-8661

E-mail: cust@idea-group.com

www.idea-group.com

METHOD OF PAYMENT:

- Enclosed is a check payable to Idea Group Inc.
 Please charge my: ___VISA ___MC ___Am Ex

Account No. _____ Exp. Date _____

Signature _____

3-digit security code (MC/VISA) on signature panel or 4-digit code on card front (AmEx)

Number of Books	UPS Domestic	UPS Worldwide Express
1	\$7.00	\$40.00
2-5	\$13.00	\$80.00
6-10	\$20.00	\$180.00
11-15	\$25.00	*
16-20	\$35.00	*

Name _____
Organization _____
Address _____
City/State/Zip _____
County _____
Telephone _____ Fax _____
Email _____

*If ordering more than 10 books, a company representative will contact you with a rate quote.

**Any additional customs fees are the sole responsibility of the customer and not Idea Group Inc.