Enhancing Enterprise and Service-Oriented Architectures with Advanced Web Portal Technologies

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Service-oriented architectures are of vital importance to enterprises maintaining order and service reputation with stakeholders, and by utilizing the latest technologies, advantage can be gained and time and effort saved.

Enhancing Enterprise and Service-Oriented Architectures with Advanced Web Portal Technologies offers the latest research and development within the field, filled with case studies, research, methodologies, and frameworks from contributors around the world. In order to stay abreast of the cutting-edge research in the field, it is vital for academics and practitioners to stay involved and studied with the latest publications. This volume contains a wide range of subject matters, levels of technical expertise and development, and new technological advances within the field, and will serve as an excellent resource both as a handbook and a research manual.

Topics Covered:
- Mashups
- SaaS
- Cloud computing
- Metadata
- Interoperability
- Service component architecture
- Enterprise service bus
- Resource oriented architecture
- Event driven programming
- Representational state transfer
- SOA security

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.
Section 1: Portal Technology

Chapter 1
Do You Need a Content Management System?
Polgar Jana (NextDigital, Australia)

Chapter 2
A Cloud Portal Architecture for Large-Scale Application Services
Jeng Jun-Jang (IBM, USA)
Mohindra Ajay (IBM, USA)
Yang Jieha (IBM, USA)
Chang Henry (IBM, USA)

Chapter 3
Lotus Workforce Management
O’Connor Jerh. (IBM, Ireland)
Dalton Ronan (IBM, Ireland)
Naro Don (IBM, Ireland)

Chapter 4
Using WSRP 2.0 with JSR 168 and 286 Portlets
Polgar Jana (Next Digital, Australia)

Chapter 5
WSRP, SOA and UDDI
Polgar Tony (Dialog IT, Australia)

Chapter 6
Use of Web Analytics in Portals
Polgar Jana (Dialog IT, Australia)

Chapter 7
Search Integration with WebSphere Portal
Prokoph Andreas (IBM, Germany)

Chapter 8
Challenges of Multi Device Support with Portals
Newmarch Jan (Box Hill Institute and Monash University, Australia)
Landrum Van (IBM, USA)

Section 2: Security, Architecture and Mobility in Portals

Chapter 9
Generalized Evidential Processing in Multiple Simultaneous Threat Detection in UNIX
Sultan Zafar (University of New England, Australia)
Kwan Paul (University of New England, Australia)

Chapter 10
Using Ajax to Track Student Attention
Newmarch Jan (Box Hill Institute and Monash University, Australia)

Chapter 11
How Thick Is Your Client?
Young Ed (Victoria University, Australia)
Jessopp Michael (Object Consulting, Australia)

Chapter 12
An Integration Ontology for Components Composition
Khemakhem Sofien (CNRS and University of Toulouse, France, & University of Sfax, Tunisia)
Dritla Khallal (CNRS and University of Toulouse, France)
Jmaiel Mohamed (University of Sfax, Tunisia)

Chapter 13
The Philosophy of Software Architecture
Goel Amit (RMIT University, Australia)

Section 3: Practical Experiences of Business Today

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Impact of Web Portal Announcements on Market Valuations
Gupta Manish (State University of New York, Buffalo, USA)
Sharman Raj (State University of New York, Buffalo, USA)

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Part of the Tool Kit
Adamson Greg (University of Melbourne, Australia)

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Adamson Greg (University of Melbourne, Australia)

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Adamson Greg (University of Melbourne, Australia)

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Improving Our Approach to Internet and SOA Projects
Richardson Neil (SkyBlue Consulting Ltd, UK)

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Challenges in Researching Portals and the Internet
Adamson Greg (University of Melbourne, Australia)

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Lamantia Joe (MediaCatalyst BV, The Netherlands)

Chapter 21
Enhancing the Portal Experience
Lamantia Joe (MediaCatalyst BV, The Netherlands)

Chapter 22
Using the Building Blocks
Lamantia Joe (MediaCatalyst BV, The Netherlands)
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