

# An Excellent Addition to Your Library!

Released: March 2012

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

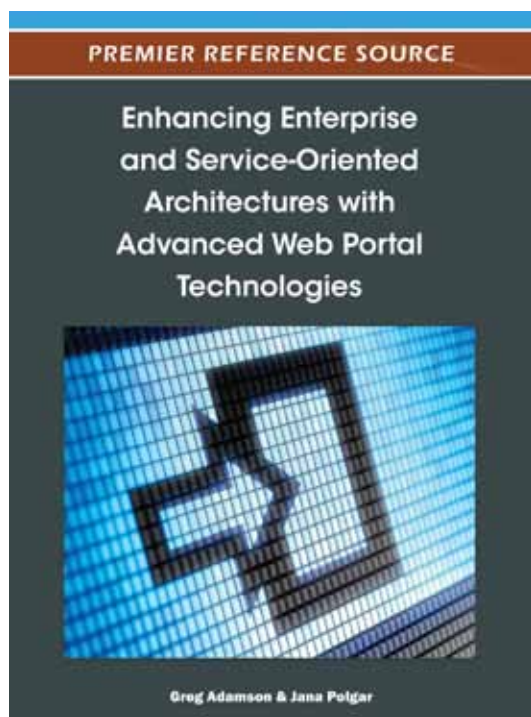
Greg Adamson (University of Melbourne, Australia),  
& Jana Polgar (Dialog IT, Australia)

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



ISBN: 9781466603363; © 2012; 323 pp.

Print: US \$190.00 | Perpetual: US \$285.00 | Print + Perpetual: US \$380.00

### Pre-pub Discount:\*

Print: US \$180.00 | Perpetual: US \$270.00

\* Pre-pub price is good through one month after publication date.

**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.

**Greg Adamson** is a project manager in the financial services industry, based in Melbourne. He holds a PhD from RMIT Faculty of Business and a Bachelor of Technology from the University of Southern Queensland. He has led several emerging technology projects in Europe, Asia, and Australia and has worked on Internet projects since 1991.



www.igi-global.com

Publishing Academic Excellence  
at the Pace of Technology Since 1988

## 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 Jeaha (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*

Fitzgerald Jaye (IBM, USA)

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)

Drira Khalil (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

### Chapter 14

*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)

### Chapter 15

*Part of the Tool Kit:*

Wong Kee (e-CentricInnovations, Australia)

Adamson Greg (University of Melbourne, Australia)

### Chapter 16

*Interview:*

Adamson Greg (University of Melbourne, Australia)

Noble Rick (N2 Services, Australia)

### Chapter 17

*Portals, Technology and E-Learning*

Adamson Greg (University of Melbourne, Australia)

## Section 4: Learning for Future Portal and SOA Implementations

### Chapter 18

*Improving Our Approach to Internet and SOA Projects*

Richardson Neil (SkyBlue Consulting Ltd, UK)

### Chapter 19

*Challenges in Researching Portals and the Internet*

Adamson Greg (University of Melbourne, Australia)

### Chapter 20

*Containers and Connectors as Elements in a Portal Design Framework*

Lamantia Joe (MediaCatalyst B.V., 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)

## Order Your Copy Today!

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Tel: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

☐ Enclosed is check payable to IGI Global in  
US Dollars, drawn on a US-based bank

☐ Credit Card ☐ Mastercard ☐ Visa ☐ Am. Express

3 or 4 Digit Security Code: \_\_\_\_\_

Name on Card: \_\_\_\_\_

Account #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_