

Table of Contents

Preface.....	xiii
--------------	------

Section 1

Chapter 1

Web Portals Research: Treating the Portal as an Innovation	1
<i>Arthur Tatnall, Victoria University, Australia</i>	

Chapter 2

EDI and the Promise of Portals for Internet Business Use	12
<i>Greg Adamson, University of Melbourne, Australia</i>	

Chapter 3

Every Need to be Alarmed	26
<i>Ed Young, Young Consulting, Australia</i>	

Chapter 4

Building Portal Applications.....	38
<i>Jana Polgar, NextDigital, Australia</i>	
<i>Tony Polgar, Oakton, Australia</i>	

Chapter 5

Architecture of the Organic.Edunet Web Portal	54
<i>Nikos Manouselis, Greek Research & Technology Network (GRNET S.A.), Greece</i>	
<i>Kostas Kastrantas, Greek Research & Technology Network (GRNET S.A.), Greece</i>	
<i>Salvador Sanchez-Alonso, University of Alcalá, Spain</i>	
<i>Jesús Cáceres, University of Alcalá, Spain</i>	
<i>Hannes Ebner, Royal Institute of Technology (KTH), Sweden</i>	
<i>Matthais Palmer, Royal Institute of Technology (KTH), Sweden</i>	
<i>Ambjorn Naeve, Royal Institute of Technology (KTH), Sweden</i>	

Section 2

Chapter 6

Adaptation and Recommendation in Modern Web 2.0 Portals 70

Andreas Nauerz, IBM Research and Development, Germany

Rich Thompson, IBM T.J. Watson Research Center, USA

Chapter 7

An Overview of REST 83

Jan Newmarch, Box Hill Institute, Australia

Chapter 8

Toward Introducing Semantic Capabilities for WSRP 89

Kevin Wilkinson, Fronde Systems Group, New Zealand

Jana Polgar, Next Digital, Australia

Chapter 9

User Facing Web Services in Portals 104

Jana Polgar, NextDigital, Australia

Chapter 10

Practitioner Case Study: Practical Challenges in Portal Implementation Projects 122

Daniel Brewer, Sentric APAC Pty Ltd., Australia

Greg Adamson, University of Melbourne, Australia

Section 3

Chapter 11

Service Oriented Architecture Conceptual Landscape: Part I 131

Ed Young, Victoria University, Australia

Chapter 12

Service Oriented Architecture Conceptual Landscape: Part II 142

Ed Young, Victoria University, Australia

Chapter 13

WebSphere Portal 6.1: An Agile Development Approach 164

Thomas Stober, IBM Germany Research and Development, Germany

Uwe Hansmann, IBM Germany Research and Development, Germany

Chapter 14

Conceptual Business Service: An Architectural Approach for Building a Business Service Portfolio	174
--	-----

Ben Clohesy, SystemicLogic Research Institute, Australia

Alan Frye, ANZ Enterprise Integration Strategy Planning & Architecture, Australia

Robert Redpath, SystemicLogic Research Institute, Australia

Chapter 15

Case Study: SOA Implementation Challenges for Medium Sized Corporations	191
---	-----

Brenton Worley, Intunity Pty Ltd., Australia

Greg Adamson, University of Melbourne, Australia

Section 4**Chapter 16**

Mobilising the Enterprise.....	201
--------------------------------	-----

Ed Young, Young Consulting, Australia

Chapter 17

Two Examples of the Development and Use of Portals: Australia and Bangladesh.....	221
---	-----

Arthur Tatnall, Victoria University, Australia

Stephen Burgess, Victoria University, Australia

Chapter 18

Evaluating Students' Perceptions of Interactive Response System (IRS): Extending Technology Acceptance Model	233
--	-----

Ying Chieh Liu, Choayang University of Technology, Taiwan

Chapter 19

Creating Successful Portals with a Design Framework.....	246
--	-----

Joe Lamantia, MediaCatalyst B.V., The Netherlands

Compilation of References	257
--	-----

About the Contributors	266
-------------------------------------	-----

Index.....	270
-------------------	-----