New Generation of Portal Software and Engineering: Emerging Technologies

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Portals and Service Oriented Architecture in general are important areas of study given the growing complexity of modern technology systems. A Portal provides a means of presenting information in an on-line environment. Portals today are widely associated with the World Wide Web.

New Generation of Portal Software and Engineering: Emerging Technologies presents a strong understanding of Portals, SOA, the published research in these fields, as well providing an enterprise-based experience of factors that challenge implementation of Portal and SOA projects in practice. This book includes a balance of background information, summarizing the state of a particular area, and new research that is previously unpublished. These include trends in Portal technology, Service Oriented Architecture, Business issues in Portal and SOA uptake, among others.

Topics Covered:

- Business process integration and management
- Case studies for using portals with content management systems
- Composite Web service in portal frameworks
- Customization and portal user interface issues
- E-commerce applications based on portals and SOA
- Evolution of B2E & B2B portals
- Grid portals
- Managing development of portals & SOA solutions
- Portal security issues and single sign-on
- Resource management in portals
- Semantic Web services & federated portal architectures
- WSRP role in business integration

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Web Portals Research:
Tatnall Arthur (Victoria University, Australia)

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EDI and the Promise of Portals for Internet Business Use
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Every Need to be Alarmed
Young Ed (Young Consulting, Australia)

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Building Portal Applications
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Architecture of the Organic-Enhanced Web Portal
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Thompson Rich (IBM T.J. Watson Research Center, USA)

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Liu Ying Chieh (Chouyung University of Technology, Taiwan)

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Creating Successful Portals with a Design Framework
Lamantia Joe (MediaCatalyst B.V., The Netherlands)

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