



## SOA approach to integration : XML, web services, ESB, and BPEL in real-world SOA projects /

Juric, Matjaz B.

aut

Verma, Manish.

rev

Utschig, Clemens.

rev

Packt Pub.,

2007

Monografía

This book shows how to define SOA integration architecture, what technologies to use, and how to best integrate existing applications with modern e-business solutions. The book also shows how to develop web services, how to process and manage XML documents from JEE and .NET platforms, and how to use ESBs and BPEL executable business processes within SOA architecture. This book is for architects and senior developers who are responsible for setting up SOA for integration for applications within the enterprise (intra-enterprise integration) and applications across enterprises (inter-enterprise integration or B2B)

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzk1MjM4NDg>

**Título:** SOA approach to integration XML, web services, ESB, and BPEL in real-world SOA projects Matjaz B. Juric [and others] ; reviewers, Manish Verma, Clemens Utschig

**Editorial:** Birmingham, U.K. Packt Pub. 2007

**Descripción física:** 1 online resource (viii, 369 pages) illustrations

**Mención de serie:** From technologies to solutions

**Nota general:** Title from title screen Includes index

**Contenido:** Cover; Table of Contents; Preface; Chapter 1: Integration Architecture, Principles, and Patterns; Integration Challenges; Current Situation; Effective Information Systems; Replacing Existing Applications; Requirements and Strategies; Single Data Input; Information Access with Low Latency; Importance of a Centrally Managed Integration Project; Responsibility to Define Integration Architecture; Responsibility to Select Integration Infrastructure and Technologies; Development and Maintenance of Integration Documentation; Integration

Architecture Steps and Approaches; Bottom-Up Approach Top-Down Approach Sound Integration Architecture Benefits; Types of Integration; Data-Level Integration; Application Integration; Business Process Integration; Presentation Integration; Business-to-Business Integration; Integration Infrastructure; Communication; Brokering and Routing; Transformation; Business Intelligence; Transactions; Security; Lifecycle; Naming; Scalability; Management; Rules; Integration Technologies; Database Access Technologies; Message-Oriented Middleware; Remote Procedure Calls; Transaction Processing Monitors; Object Request Brokers; Application Servers; Web Services Enterprise Service Buses The Integration Process; Choosing the Steps and Defining the Milestones; Sound Practices; Iterative Development; Incremental Development; Prototyping; Reuse; Integration Process Activities and Phases; Integration Patterns; Summary; Chapter 2: Service and Process Oriented Architectures for Integration; Defining Service-Oriented Architectures; Why SOA in the Integration Space?; Islands in the Enterprise IT Landscape; The Integration Problem; Custom Integration Application and Its Issues; Inverted View: Reusable Services, Simple integration Processes Enter SOA: A Services-Based Integration Architecture Concepts and Principles of SOA; Paradigm Shift-from Self-Contained Applications towards Services -- Service Orientation; Component-Based Services; The Internet Simplifies Remote Services; Consuming Services; Introducing SOA Architecture; Service Abstractions; Service Invocation and Service Implementation; Process Engines; Messaging Abstractions; Synchronous and Asynchronous Messages; Service Registries; Quality of Service; Communication Infrastructure; What is a Bus?; XML and Web Services: SOA Foundation; Using XML in Middleware Middleware Mechanics for Services XML-Based Mechanism to "Invoke" Services; Services over the Web via SOAP; Web Services-Protocols for SOA; Technology Agnostic System-to-system Interaction; Service Description-Using WSDL; Discovering the Services-UDDI; Containers to Host Web Services; Standards Foundation; Application Platforms (JAVA EE) Hosting Web Services; Using Services to Compose Business Processes; Simple Integration Applications; Simple Business Processes-Orchestrating the Services; Choreography-Multi-Party Business Process; SOA Security and Transactions

**Lengua:** English

**Copyright/Depósito Legal:** 316297360 434042372 715153622 743196426 764553412 765143010 815556219 823112851 958945538 960207506 961491405 962605216 968013936 969028305 988505184 992088832 1037717094 1038698632 1044230471 1055336383 1056354270 1058340253 1060872476 1114390041 1129357683 1152979669 1153507646 1162424948 1228550434 1241768728 1290030543 1300573181

**ISBN:** 9781847190116 electronic bk.) 1847190111 electronic bk.) 1904811175 9781904811176 1281236802 9781281236807 9786611236809 6611236805 9781904811176

**Materia:** Business enterprises- Computer networks- Management Information technology- Management Computer network architectures Entreprises- Réseaux d'ordinateurs- Gestion Technologie de l'information- Gestion Réseaux d'ordinateurs- Architectures COMPUTERS- Networking- General. Business enterprises- Computer networks- Management. Information technology- Management. Computer network architectures. XML (Document markup language) Web services. Business enterprises- Computer networks- Management. Computer network architectures. Information technology- Management.

**Autores:** Juric, Matjaz B. aut Verma, Manish. rev Utschig, Clemens. rev

**Enlace a formato físico adicional:** Print version SOA approach to integration. Birmingham, U.K. : Packt Pub., 2007 9781904811176 1904811175 (OCOLC)276996902

**Punto acceso adicional serie-Título:** From technologies to solutions

---

## Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)