Service-oriented Architecture: Thomas Erl 2005 Provides information on how to model and design service-oriented SOA platforms.

Service-Oriented Architecture - Thomas Erl 2016-12-23 The Top-Selling, De Facto Guide to SOA—Now Updated with the Latest Developments and Insights, SOA: The Complete Reference, Second Edition Provides a comprehensive overview of service-oriented architecture concepts, technology and design Thomas Erl is a leading expert and thought leader in service-oriented architecture and the leading author on SOA, SOA implementations, and modern software development. This book covers the latest developments and insights on SOA, SOA implementations, and modern software development.

SOA Source Book: The Open Group 2009-04-04 Software services are established as a programming concept, but there is no single programming language that is used for the realization of these services. The SOA Source Book is a collection of papers that address the various aspects of SOA, SOA features, and SOA best practices. The book includes articles on the benefits of SOA, SOA features, and SOA best practices. The book is divided into three main parts: the first part covers the benefits of SOA, the second part covers SOA features, and the third part covers SOA best practices.

Enterprise SOA: Dirk Kralzig 2005 Learn to apply the significant promise of SOA to overcome the formidable challenges of distributed enterprise development.

Service-Oriented Architecture For Dummies: Julian Huiruth 2007-02-05 SOA is the most important initiative facing IT today and is difficult to grasp, this book demystifies the complex topic of SOA and makes it accessible to everyone who has to deal with it. The book covers the following topics: SOA basics, SOA features, and SOA best practices.

SOA with REST: Thomas Erl 2012-08-06 The Definitive Guide to Building Web-Centric SOA with REST The Wide Web is based on the most successful technology architecture in history. It has changed how we view, access, and share information, and with the advent of REST, it has also provided us with compelling ways to build and improve automation solutions. REST provides a great deal of guidance to ensure that an architecture and its automation logic are too tightly coupled to exist. It is still your responsibility to build services that actually add value to your business. SOA with REST is the most comprehensive and up-to-date book about building RESTful services as part of service-oriented solutions and in conjunction with service-oriented architecture (SOA). This book demonstrates that REST is not only a suitable medium for building truly service-oriented solutions, but also that the service-oriented architectural model is a necessary foundation for REST technology. To achieve these goals, this book provides thorough explanations of REST constraints and architectural goals with service-oriented principles and SOA characteristics. Using real-world examples, this book shows how to leverage REST’s simplicity, flexibility, and low overhead without compromising the power of SOA. The book is an essential resource for business analysts, architects, developers, and practitioners who are looking to use SOA (Web services, RESTful services, and other approaches) to implement business services.

SOA Design Patterns: Thomas Erl 2008-12-31 In cooperation with experts and practitioners throughout the SOA community, best-selling author Thomas Erl brings together the de facto catalog of design patterns for SOA and service-orientation. More than three years in development and subjected to numerous industry reviews, the 85 patterns catalog provide a common language for SOA practitioners and an invaluable tool for assess common and critical problems to achieving modern-day SOA. Through numerous examples, individually they show how to leverage REST’s simplicity, flexibility, and low overhead without compromising the power of SOA. The book is an essential resource for business analysts, architects, developers, and practitioners who are looking to use SOA (Web services, RESTful services, and other approaches) to implement business services.

Cloud Computing: Thomas Erl 2011 Explores cloud computing, breaking down the concepts, models, mechanisms, and architectures of this technology while allowing for the financial assessment of resources and how they compare to traditional storage systems.

The Service-Oriented Media Enterprise: John Furtan 2012-07-26 Companies worldwide are rapidly adopting Service-Oriented Architecture (SOA) and Enterprise Service Bus (ESB) to orchestrate and connect their applications and systems to one another. The SOA ESB architectural framework provides a common point of reference and a set of best practices for designing, developing, implementing, and managing complex, service-oriented solutions. The SOA ESB architectural framework is designed to help companies understand, plan, and implement SOA ESB architectures, and to provide a roadmap for the development and implementation of modern SOA ESB architectures. The book provides a comprehensive overview of SOA ESB architectures, including the key concepts, principles, and technologies that are essential for designing, developing, implementing, and managing complex, service-oriented solutions.

Business Rules Management and Service Oriented Architecture - Ian Graham 2007 Business Rules Management and Service Oriented Architecture is a comprehensive guide to understanding and implementing service-oriented architectures (SOA) for businesses. The book covers the various aspects of SOA, including SOA design patterns, SOA implementation patterns, and SOA best practices. The book is intended for business analysts, architects, developers, and practitioners who are looking to use SOA and SOA design patterns to implement business services.
Security for Web Services and Service-Oriented Architectures Elise Bertino 2010-10-22 Web services technologies are advancing fast and being extensively deployed in many diverse application environments. Web services based on the 4WS-able Markup Language (XML), the Simple Object Access Protocol (SOAP), and Web Services Description Language (WSDL) are undertaking the task of providing interoperability for applications within and across organizations. Furthermore, they are making it possible to deploy business processes across different platforms, different applications, and different networks. However, interacting across networks allows for easier communication, but also presents interconnection challenges. The term Web 2.0 has been coined to embrace all these new collaborative applications and to indicate a new, "social" approach to generating and distributing Web content, characterized by open community participation. In this context, enterprise computing requires an increasingly complex conversation with the business, and stakeholders require Web services to hold their promise, it is crucial that - curves of services and their interactions with users be assessed.

Corinne Chikte, Application Program Manager, EDS/OnStar: "It is easy to miss the big picture of what SOA means to a business...an easy read." -Michael H. Sor, Booz Allen Hamilton. "This book contains the most comprehensive and thorough explanation on the principles of service design and what it offers. It is a must read for SOA Architects to develop a firm foundation and understanding of the principles (and trade-offs) that make up a good SOA service. After reading this book, you will have a solid foundation for business and technical workers to come to common terms and expectations. Incredibly insightful for Enterprise Architects because it provides great context and practical examples. Part 1 of the book alone is worth getting the book for." - Markaz Ziar, Senior Director, Process Management, Oracle Fusion Middleware, Oracle Corporation "A thorough examination of the considerations of service design. Both seasoned SOA practitioners and those endeavoring to realize services can benefit from reading this book." - Bill Draven, Enterprise Architect, Intel Corporation "I particularly liked the very fresh and holistic approach to SOA that Thomas Erl takes in his book. He gives examples of each of the 8 principles that will significantly increase the readers' ability to drive a successful service oriented architecture implementation. This book truly strikes a healthy balance between theory and practice. It is a perfect complement to the SOA series by the author." - Prakash Narayan, Sun Microsystems "If you're going to design, developing, or implementing SOA, this is the book to have on your shelf." - John "Al" Thomas, Senior Director, Service Oriented Architecture. "This book offers a selection of chapters that cover three important aspects related to SOA. The first aspect deals with the service-oriented systems point of view...the second aspect deals with the service-oriented principle point of view...the third aspect deals with the service-oriented design point of view. Each of the chapters is well written and well formulated processes." - David Michalowicz, MITRE Corporation "This is the book for the large organization trying to get its SOA program off the ground. The book is filled with insights that will help guide the reader to a successful implementation." - Thomas Erl brings clarity to how Service Orientation can be applied to ensure a responsive IT organization. This book finally brings software engineering principles to address the real world development challenges facing SOA. It is a must read for those who want to understand the principles of service design and what it means to be "service oriented." "It's treatment of the complex world of service oriented architecture is pragmatic, including detailed examples to help the reader understand the concepts and processes. It is written through a series of clear, well-structured processes." - Anish Karmarkar, Oracle Corporation "Very well written, succinct, and easy to understand." - Raj Balakrishnan, IBM Software Group "A comprehensive exploration of the issues of service design from my collection. This book is a must read for any professional involved in SOA, from the architect to the program manager to the business line executive. The four aspects of SOA (Production, Consumption, Management and Provisioning) How to recognize patterns, and to understand the importance of the SOA reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly. Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm is a detailed reference source that examines current aspects and research methodologies that enable enterprises to derive business value from the SOA reference frame. Although much has been written about SOA methodology, this emerging platform is continuously under development, and the best practices are changing rapidly.