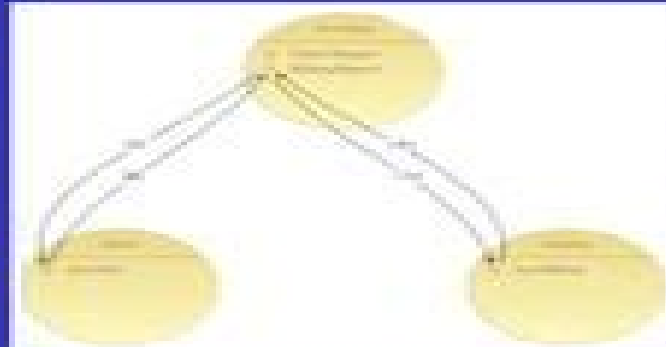




Service Composition Architecture

In much the same way as an application architecture for a distributed system includes the individual architecture definitions of its components, this form of architecture encompasses service architectures of all participating services.



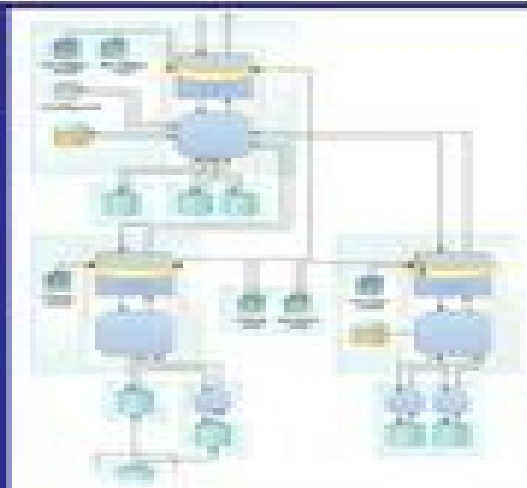
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Service Composition Architecture

A composition architecture (especially one in which services encapsulate disparate legacy systems) may also be composed to an integration architecture.

This comparison is usually only valid in scope, as the design considerations emphasized by service-orientation ensure that the design of a service composition is much different than that of integrated applications.



Soa Design Patterns Thomas Erl

**Thomas Erl, Anish Karmarkar, Priscilla
Walmsley, Hugo Haas, David Umit
Orchard, Kevin Liu, L. Umit Yalcinalp
Ph.D., Andre Tost, James Pasley**

Soa Design Patterns Thomas Erl:

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 in this full color book provide the most successful and proven design techniques to overcoming the most common and critical problems to achieving modern day SOA Through numerous examples individually documented pattern profiles and over 400 color illustrations this book provides in depth coverage of Patterns for the design implementation and governance of service inventories collections of services representing individual service portfolios that can be independently modeled designed and evolved Patterns specific to service level architecture which pertain to a wide range of design areas including contract design security legacy encapsulation reliability scalability and a variety of implementation and governance issues Service composition patterns that address the many aspects associated with combining services into aggregate distributed solutions including topics such as runtime messaging and message design inter service security controls and transformation Compound patterns such as Enterprise Service Bus and Orchestration and recommended pattern application sequences that establish foundational processes The book begins by establishing SOA types that are referenced throughout the patterns and then form the basis of a final chapter that discusses the architectural impact of service oriented computing in general These chapters bookend the pattern catalog to provide a clear link between SOA design patterns the strategic goals of service oriented computing different SOA types and the service orientation design paradigm This book series is further supported by a series of resources sites including soabooks com soaspecs com soapatterns org soamag com and soaposters com *Web Service Contract Design and Versioning for SOA* Thomas Erl, Anish Karmarkar, Priscilla Walmsley, Hugo Haas, David Umit Orchard, Kevin Liu, L. Umit Yalcinalp Ph.D., Andre Tost, James Pasley, 2008-09-24 The Ultimate Guide for Designing and Governing Web Service Contracts For Web services to succeed as part of SOA they require balanced effective technical contracts that enable services to be evolved and repeatedly reused for years to come Now a team of industry experts presents the first end to end guide to designing and governing Web service contracts Writing for developers architects governance specialists and other IT professionals the authors cover the following areas Understanding Web Service Contract Technologies Fundamental and Advanced WSDL Fundamental and Advanced XML Schema Fundamental and Advanced WS Policy Fundamental Message Design with SOAP Advanced Message Design with WS Addressing Advanced Message Design with MTOM and SwA Versioning Techniques and Strategies Web Service Contracts and SOA [SOA Principles of Service Design](#) Thomas Erl, 2007-07-18 The Definitive Guide to Service Engineering The key to succeeding with service oriented architecture SOA is in comprehending the meaning and significance of its most fundamental building block the service It is through an understanding of service design that truly service oriented solution logic can be created in support of achieving

the strategic goals associated with SOA and service oriented computing Bestselling SOA author Thomas Erl guides you through a comprehensive insightful and visually rich exploration of the service orientation design paradigm revealing exactly how services should and should not be designed for real world SOA *SOA Design Patterns* Thomas Erl,2009 A formal catalog that provides a pattern language for building service oriented solutions through solving common design problems this text offers expert guidance in the form of proven design patterns and anti patterns to minimize the risk and maximize the potential of service delivery in support of SOA *SOA Design Patterns* Erl,2008 [Service-Oriented Architecture](#) Thomas Erl,2016-12-23 The Top Selling De Facto Guide to SOA Now Updated with New Content and Coverage of Microservices For more than a decade Thomas Erl s best selling Service Oriented Architecture Concepts Technology and Design has been the definitive end to end tutorial on SOA service orientation and service technologies Now Erl has thoroughly updated the industry s de facto guide to SOA to reflect new practices technologies and strategies that have emerged through hard won experience and creative innovation This Second Edition officially introduces microservices and micro task abstraction as part of service oriented architecture and its associated service layers Updated case study examples and illustrations further explain and position the microservice model alongside and in relation to more traditional types of services Coverage includes Easy to understand plain English explanations of SOA and service orientation fundamentals as compiled from series titles Microservices micro task abstraction and containerization Service delivery lifecycle and associated phases Analysis and conceptualization of services and microservices Service API design with REST services web services and microservices Modern service API and contract versioning techniques for web services and REST services Up to date appendices with service orientation principles REST constraints and SOA patterns including three new patterns Service Oriented Architecture Analysis and Design for Services and Microservices Second Edition will be indispensable to application architects enterprise architects software developers and any IT professionals interested in learning about or responsible for designing or implementing modern day service oriented solutions Chapter 1 Introduction Chapter 2 Case Study Backgrounds Part I Fundamentals Chapter 3 Understanding Service Orientation Chapter 4 Understanding SOA Chapter 5 Understanding Layers with Services and Microservices Part II Service Oriented Analysis and Design Chapter 6 Analysis and Modeling with Web Services and Microservices Chapter 7 Analysis and Modeling with REST Services and Microservices Chapter 8 Service API and Contract Design with Web Services Chapter 9 Service API and Contract Design with REST Services and Microservices Chapter 10 Service API and Contract Versioning with Web Services and REST Services Part III Appendices Appendix A Service Orientation Principles Reference Appendix B REST Constraints Reference Appendix C SOA Design Patterns Reference Appendix D The Annotated SOA Manifesto [Professional ASP.NET Design Patterns](#) Scott Millett,2010-09-16 Design patterns are time tested solutions to recurring problems letting the designer build programs on solutions that have already proved effective Provides developers with more than a dozen ASP NET examples showing standard design patterns

and how using them helps build a richer understanding of ASP.NET architecture as well as better ASP.NET applications. Builds a solid understanding of ASP.NET architecture that can be used over and over again in many projects. Covers ASP.NET code to implement many standard patterns including Model View Controller (MVC), ETL Master Master Snapshot Master Slave Snapshot Factory, Singleton Factory, Single Access Point, Roles Limited View, observer, page controller, common communication patterns and more.

Software Architecture Khalil Drira, 2013-06-25. This book constitutes the proceedings of the 7th European Conference on Software Architecture (ECSA 2013) held in Montpellier, France, in July 2013. The 25 full papers and 11 poster papers presented in this volume were carefully reviewed and selected from a total of 82 submissions. The contributions are organized in topical sections named: architectural and design patterns and models, ADLs and architectural MetaModels, architectural design, decision making, software architecture conformance and quality, and architectural repair and adaptation.

Patterns of Information Management Mandy Chessell, Harald Smith, 2013-05-02. Use Best Practice Patterns to Understand and Architect Manageable, Efficient Information Supply Chains That Help You Leverage All Your Data and Knowledge. In the era of Big Data, information pervades every aspect of the organization. Therefore, architecting and managing it is a multi-disciplinary task. Now two pioneering IBM architects present proven architecture patterns that fully reflect this reality. Using their pattern language, you can accurately characterize the information issues associated with your own systems and design solutions that succeed over both the short and long term. Building on the analogy of a supply chain, Mandy Chessell and Harald C. Smith explain how information can be transformed, enriched, reconciled, redistributed, and utilized in even the most complex environments. Through a realistic end-to-end case study, they help you blend overlapping information management, SOA, and BPM technologies that are often viewed as competitive. Using this book's patterns, you can integrate all levels of your architecture from holistic enterprise system level views down to low level design elements. You can fully address key non-functional requirements such as the amount, quality, and pace of incoming data. Above all, you can create an IT landscape that is coherent, interconnected, efficient, effective, and manageable. Coverage includes: Understanding how a pattern language can help you address key information management challenges; Defining information strategy and governance for organizations and users; Creating orderly information flows you can reuse and synchronize as needed; Managing information structure, meaning, and lifecycles; Providing for efficient information access and storage when deploying new IT capabilities; Moving information efficiently and reliably to support your processes; Determining how information should be processed and maintained; Improving quality and accessibility and supporting higher value analytics; Protecting information via validation, transformation, enrichment, correction, security, and monitoring; Planning new information management projects in the context of your existing IT resources.

Next Generation SOA Thomas Erl, Pethuru Chelliah, Clive Gee, Jürgen Kress, Berthold Maier, Hajo Normann, Leo Shuster, Bernd Trops, Clemens Utschig-Utschig, Philip Wik, Torsten Winterberg, 2014-10-31. 800x600. The Concise Introduction to Modern SOA. High Value

Approaches Innovative Technologies Proven Use Cases After a decade of innovation in technology and practice SOA is now a mainstream computing discipline capable of transforming IT enterprises and optimizing business automation In Next Generation SOA top selling SOA author Thomas Erl and a team of experts present a plain English tour of SOA service orientation and the key service technologies being used to build sophisticated contemporary service oriented solutions The starting point for today s IT professionals this concise guide distills the increasingly growing and diverse field of service oriented architecture and the real world practice of building powerful service driven systems Accessible and jargon free this book intentionally avoids technical details to provide easy to understand introductory coverage of the following topics Services service orientation and service oriented computing what they are and how they have evolved How SOA and service orientation change businesses and transform IT culture priorities and technology decisions How services are defined and composed to solve a wide spectrum of business problems Deep implications of the service orientation paradigm illuminated through an annotation of the classic SOA Manifesto Traditional and contemporary service technologies and architectures How clouds and virtualization support the scalability and reliability of services based solutions SOA based industry models from enterprise service to global trader A detailed case study how real enterprises bring together contemporary SOA practices models and technologies Next Generation SOA will be indispensable to wide audiences of business decision makers and technologists including architects developers managers executives strategists consultants and researchers SOA with REST Thomas Erl,Benjamin Carlyle,Cesare Pautasso,Raj Balasubramanian,2012-08-06 The Definitive Guide to Building Web Centric SOA with REST The World Wide Web is based on the most successful technology architecture in history It has changed how we view access and exchange 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 technically sound though it is still your responsibility to build services that actually add value to your business SOA with REST is the first comprehensive tutorial and reference for designing and 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 architectures to realize their full business potential The authors provide thorough mapping of REST constraints and architectural goals with service orientation principles and SOA characteristics Using real world examples they show how to leverage REST s simplicity flexibility and low overhead without compromising the power or manageability of service oriented solutions and architectures This ebook will be valuable to IT architects developers and any practitioner seeking to use SOA and REST together **SOA with Java** Thomas Erl,Andre Tost,Satadru Roy,Philip Thomas,Raj Balasubramanian,David Chou,Thomas Plunkett,2014-06-17 An outstanding depth and breadth resource for IT architects and Java professionals to understand and apply the marriage of SOA and modern Java Antonio

Bruno Enterprise Architecture and Strategy digitalStrom A great self contained book on SOA using flexible Java implementations Roger Stoffers Hewlett Packard Provides clarity on abstract concepts and is filled with concrete examples of implementing SOA principles in Java environments Sanjay Singh Certified SOA Architect provides a holistic comprehensive view on leveraging SOA principles and architecture for building and deploying performant Java services Suzanne D Souza KBACE Technologies Thomas Erl s series of books on services technology have shaped influenced and strengthened a whole community of enterprise and solution architects thinking and solution development and the much awaited SOA with Java book is an excellent addition to the series It is a must read Lalatendu Rath Wipro Technologies The Definitive Guide to Building Service Oriented Solutions with Lightweight and Mainstream Java Technologies Java has evolved into an exceptional platform for building Web based enterprise services In SOA with Java Thomas Erl and several world class experts guide you in mastering the principles best practices and Java technologies you need to design and deliver high value services and service oriented solutions You ll learn how to implement SOA with lightweight frameworks mainstream Java services technologies and contemporary specifications and standards To demonstrate real world examples the authors present multiple case study scenarios They further demystify complex concepts with a plain English writing style This book will be valuable to all developers analysts architects and other IT professionals who want to design and implement Web based service oriented architectures and enterprise solutions with Java technologies Topic Areas Applying modern service orientation principles to modern Java technology platforms Leveraging Java infrastructure extensions relevant to service oriented solutions Exploring key concepts associated with SOA and service orientation within the context of Java Reviewing relevant Java platforms technologies and APIs Understanding the standards and conventions that REST and SOAP services are built upon in relation to Java implementations Building Java Web based services with JAX WS and JAX RS Applying the eight key principles of service orientation design using Java tools and technologies Creating Java utility services architectural design and implementation issues Constructing effective entity services service contracts messages data access and processing Constructing task services including detailed guidance on service composition Using ESBs to support infrastructure requirements in complex services ecosystems

Participative Urban Health and Healthy Aging in the Age of AI Hamdi Aloulou,Bessam Abdulrazak,Antoine de Marassé-Enouf,Mounir Mokhtari,2022-06-21 This open access book constitutes the refereed proceedings of the 18th International Conference on String Processing and Information Retrieval ICOST 2022 held in Paris France in June 2022 The 15 full papers and 10 short papers presented in this volume were carefully reviewed and selected from 33 submissions They cover topics such as design development deployment and evaluation of AI for health smart urban environments assistive technologies chronic disease management and coaching and health telematics systems

SOA with REST Principles, Patterns and Constraints for Building Enterprise Solutions with REST (paperback) Thomas Erl,Benjamin Carlyle,Cesare Pautasso,Raj Balasubramanian,2017-03 This book illuminates the

connection of the two domains SOA and REST in a manner that is concrete and practical providing concise application to everyday architectural challenges

Fantastic Ryan Frazier Technology Strategist Microsoft a tour de force that elegantly applies REST principles to the industry standard SOA framework described in prior titles in this series This book is a must read for anyone developing REST services

Dave Slotnick Enterprise Architect Rackspace Hosting This book undoubtedly will help SOA to reap the benefits from the main value propositions of Web architecture

Dr Erik Wilde Architect EMC Corporation REST is so much more than just another type of interface implementation SOA with REST shows how the ecosystem of service compositions changes as new opportunities arise for service composition architecture designs A comprehensive guide and a must read for any serious IT architect considering REST style services for application architectures

Roger Stoffers Solution Architect Hewlett Packard Service orientation and REST both are architectural styles that are cornerstones of modern applications and cloud computing Both aim to deliver scalable interoperable solutions but their different roots don't always make them a natural fit SOA with REST explains how the two styles can work together in enterprise environments It discusses a design process for a services portfolio that meets the goals of SOA and at the same time designs services that comply with the established REST constraints It also shows pragmatic approaches to meet enterprise grade requirements with the REST programming style but relaxes constraints where necessary

Christoph Schittko Director of Cloud Strategy Microsoft An excellent repertoire of service oriented patterns that will prove handy when solving problems in the real world The REST perspectives and principles will provide complete coverage of modern day Web 2.0 style approaches Highly recommended

Sid Sanyal IT Architect Zurich Financial Services An inspirational book that provides deep insight into the design and development of next generation service oriented systems based on the use of REST This book clarifies the convergence of SOA and REST with no nonsense content that addresses common questions and issues head on An essential instrument of modern service implementation and a powerful body of knowledge for software designers architects and consultants

Pethuru Raj Ph.D Enterprise Architecture EA Consultant Wipro Consulting Services REST and SOA are two of the most misunderstood terms in the software industry over the past decade Yet the REST architectural style coupled with modern RESTful framework implementations provides a scalable and reliable approach to SOA This book covers all you need to know about how to take the principles of REST and apply them in small and large SOA developments If you are familiar with REST and thinking about SOA then you need this book If you have not considered REST in your SOA work then this book is for you too Covering concepts of both REST and SOA as well as design patterns and when to use them the book is a wonderful companion and a good tool for architects and engineers

Dr Mark Little CTO JBoss Red Hat Unlike many other texts on the subject SOA with REST is a well rounded easy to read narrative including real world case studies that appeal to both developers and analysts This makes it an indispensable source for any SOA practitioner or any professional who is planning to initiate an SOA project

Theodore T Morrison Certified SOA Analyst CSM Geocent LLC SOA and REST are two

very important architectural styles for distributed computing SOA is successfully adopted by most enterprises and the REST style is getting more attention from both researcher and industry users The book SOA with REST introduces a new architectural style that is ingeniously combining both SOA and REST styles and clearly reveals how SOA and REST can work together to generate successful enterprise SOA strategies with REST along with guidance for making architecture design decisions This book is a bible of best practices for designing and implementing SOA architecture with REST It is a must have reference book for both IT practitioners and researchers Longji Tang FedEx IT Senior Technical Advisor Ph D in CSSE The Definitive Guide to Building Web Centric SOA with REST The World Wide Web is based on the most successful technology architecture in history It has changed how we view access and exchange 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 technically sound though it is still your responsibility to build services that actually add value to your business SOA with REST is the first comprehensive tutorial and reference for designing and 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 architectures to realize their full business potential The authors provide thorough mapping of REST constraints and architectural goals with service orientation principles and SOA characteristics Using real world examples they show how to leverage REST's simplicity flexibility and low overhead without compromising the power or manageability of service oriented solutions and architectures This book will be valuable to IT architects developers and any practitioner seeking to use SOA and REST together

Topic Areas Distributed solution design with HTTP and REST REST based service composition architectures REST service modeling and a service oriented analysis process for REST service candidates Technical service contract notation for REST services based on a uniform contract Designing REST service contracts with service orientation Understanding REST constraints in relation to service orientation principles Using hypermedia and dynamic binding within SOA and service compositions Creating complex HTTP based methods for enterprise solutions Advanced design techniques including composition deepening runtime logic deferral and dynamic binding with common properties Cross service transactions and event driven messaging with REST Addressing enterprise solution concerns in relation to REST based state management Applying SOA design patterns to REST based solutions Distinguishing REST and SOA service concepts and terminology Designing REST architectures with SOA Versioning REST services and uniform contracts Fundamental REST SOA and service orientation concepts and terminology REST constraints REST architectural goals and properties Seven new REST inspired design patterns Defining common goals of REST and SOA

Computer Information Systems and Industrial Management Khalid Saeed, Władysław Homenda, 2018-09-17 This book constitutes the proceedings of the 17th International

Conference on Computer Information Systems and Industrial Management Applications CISIM 2018 held in Olomouc Czech Republic in September 2018 The 42 full papers presented together with 4 keynote were carefully reviewed and selected from 69 submissions The main topics covered by the chapters in this book are biometrics security systems multimedia classification and clustering and industrial management Besides these the reader will find interesting papers on computer information systems as applied to wireless networks computer graphics and intelligent systems The papers are organized in the following topical sections biometrics and pattern recognition applications computer information systems industrial management and other applications machine learning and high performance computing modelling and optimization and various aspects of computer security

Cloud Computing Design Patterns Thomas Erl, Robert Cope, Amin Naserpour, 2015-05-23 This book continues the very high standard we have come to expect from ServiceTech Press The book provides well explained vendor agnostic patterns to the challenges of providing or using cloud solutions from PaaS to SaaS The book is not only a great patterns reference but also worth reading from cover to cover as the patterns are thought provoking drawing out points that you should consider and ask of a potential vendor if you re adopting a cloud solution Phil Wilkins Enterprise Integration Architect Specsavers Thomas Erl s text provides a unique and comprehensive perspective on cloud design patterns that is clearly and concisely explained for the technical professional and layman alike It is an informative knowledgeable and powerful insight that may guide cloud experts in achieving extraordinary results based on extraordinary expertise identified in this text I will use this text as a resource in future cloud designs and architectural considerations Dr Nancy M Landreville CEO CISO NML Computer Consulting The Definitive Guide to Cloud Architecture and Design Best selling service technology author Thomas Erl has brought together the de facto catalog of design patterns for modern cloud based architecture and solution design More than two years in development this book s 100 patterns illustrate proven solutions to common cloud challenges and requirements Its patterns are supported by rich visual documentation including 300 diagrams The authors address topics covering scalability elasticity reliability resiliency recovery data management storage virtualization monitoring provisioning administration and much more Readers will further find detailed coverage of cloud security from networking and storage safeguards to identity systems trust assurance and auditing This book s unprecedented technical depth makes it a must have resource for every cloud technology architect solution designer developer administrator and manager Topic Areas Enabling ubiquitous on demand scalable network access to shared pools of configurable IT resources Optimizing multitenant environments to efficiently serve multiple unpredictable consumers Using elasticity best practices to scale IT resources transparently and automatically Ensuring runtime reliability operational resiliency and automated recovery from any failure Establishing resilient cloud architectures that act as pillars for enterprise cloud solutions Rapidly provisioning cloud storage devices resources and data with minimal management effort Enabling customers to configure and operate custom virtual networks in SaaS PaaS or IaaS environments Efficiently provisioning

resources monitoring runtimes and handling day to day administration Implementing best practice security controls for cloud service architectures and cloud storage Securing on premise Internet access external cloud connections and scaled VMs Protecting cloud services against denial of service attacks and traffic hijacking Establishing cloud authentication gateways federated cloud authentication and cloud key management Providing trust attestation services to customers Monitoring and independently auditing cloud security Solving complex cloud design problems with compound super patterns

Service-Oriented Computing Xavier Franch,Aditya K Ghose,Grace A. Lewis,Sami Bhiri,2014-10-10 This book constitutes the refereed conference proceedings of the 12th International Conference on Service Oriented Computing ICSOC 2014 held in Paris France in November 2014 The 25 full and 26 short papers presented were carefully reviewed and selected from 180 submissions The papers are organized in topical sections on business process management service composition and discovery service design description and evolution cloud and business service management ensuring composition properties quality of service semantic web services service management cloud service management business service management trust service design and description Service-oriented Architecture Thomas Erl,Paulo Merson,Roger Stoffers,2017 *Next Generation SOA* Thomas Erl,Clemens Utschig-Utschig,Bertold Maier,2011-05-20 With accelerating adoption amongst organizations of all types and sizes SOA is increasingly becoming the mainstream paradigm for enterprise IT architecture and software development SOA offers immense potential to increase ROI enhance organizational agility and reduce IT burdens but many organizations have not yet achieved the benefits it promises Fortunately with SOA s growth best practices and use cases for successful implementation are now emerging This book captures the most valuable of these and presents them simply accessibly and in a form that IT professionals can use Drawing on their unsurpassed field experience renowned SOA expert Thomas Erl and his team of expert contributors bring together practical solutions to the most common problems faced by those attempting to drive value from SOA They offer trustworthy proven advice for SOA projects of all sizes including enterprise challenges such as integration security and governance Along the way they demystify confusing concepts such as Enterprise Service Bus ESB and loose coupling introduce specific patterns for success and show how to avoid the catastrophic design errors that have compromised many SOA initiatives The accessible jargon free SOA introduction for today s IT pro Answers the questions today s IT pros ask most often about topics ranging from Enterprise Service Bus to loose coupling Presents patterns associated with SOA success and shows how to avoid the worst SOA design errors The newest book in the best selling Thomas Erl Service Oriented Computing Series *SOA Governance* Thomas Erl,Stephen G. Bennett,Benjamin Carlyle,Clive Gee,Robert Laird,Anne Thomas Manes,Robert Moores,Andre Tost,2011-04-05 The Definitive Guide to Governing Shared Services and SOA Projects SOA Governance Governing Shared Services On Premise and in the Cloud is the result of a multi year project to collect proven industry practices for establishing IT governance controls specific to the adoption of SOA and service orientation Authored by world renowned experts in the fields

of SOA IT governance and cloud computing this comprehensive book provides clear direction as to what does and does not constitute SOA governance and then steps the reader through the most important industry governance practices as they pertain to individual SOA project lifecycle stages With a consistent vendor neutral focus and with the help of case study examples the authors demonstrate how to define and position precepts organizational roles processes standards and metrics Readers benefit from thorough and visually depicted cross references and mapping between roles processes precepts and project stages enabling them to fully explore dynamics and dependencies and thereby learn how to use these governance controls to create their own custom SOA governance systems This important title will be valuable to every practitioner concerned with making SOA work including senior IT managers project managers architects analysts developers administrators QA professionals security specialists and cloud computing professionals

Topic Areas

- Defining SOA governance
- Establishing an SOA governance office and program
- Working with proven SOA governance precepts and processes
- Identifying organizational roles and relating them to SOA governance
- Associating design time and runtime SOA project stages with SOA governance controls
- Governance considerations specific to shared services
- Roles precepts and factors specific to cloud based services
- Understanding and categorizing SOA governance products and technologies
- Applying governance controls as early as the planning stages and measuring their success in subsequent stages
- Using vitality triggers to govern shared services on an on going basis
- SOA governance controls that pertain to business information documents and policies

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