Sample Oracle Soa Suite Example

This book is a comprehensive guide that shows developers how to design and develop business processes in BPEL efficiently. Throughout the book, the authors discuss important concepts and show real-world examples covering Oracle SOA Suite 11g and related products. This book is aimed at SOA architects and developers involved in the design, implementation, and integration of composite applications and end-to-end business processes. The book provides comprehensive coverage of WS-BPEL 2.0 for implementing business processes and developing SCA composite application, dealing with the issues of composition, orchestration, transactions, coordination, and security. This book uses Oracle SOA Suite 11g and related Oracle products. To follow this book you need to have basic knowledge of XML, web services, and Java EE.

This book is written in simple, easy to understand format with lots of screenshots and step-by-step explanations. If you are a BPM developer, looking to develop robust BPM solutions without impediments, then this is the best guide for you. This book assumes that you have a fundamental knowledge of BPM.

Pro Spring Integration is an authoritative book from the experts that guides you through the vast world of enterprise application integration (EAI) and application of the Spring Integration framework towards solving integration problems. The book is: An introduction to the concepts of enterprise application integration A reference on building event-driven applications using Spring Integration A guide to solving common integration problems using Spring Integration What makes this book unique is its coverage of contemporary technologies and real-world information, with a focus on common problems that users are likely to confront. This book zeroes in on extending the Spring Integration framework to meet your custom integration demands. As Spring Integration is an extension of the Spring programming model, it builds on the Spring Framework's existing support for enterprise integration. This book will take you through all aspects of this relationship and show you how to get the most out of your Spring applications, where integration is a consideration. It discusses simple messaging within Spring-based applications and integration with external systems via simple adapters. Those adapters provide a higher-level of abstraction over Spring's support for remoting, messaging, and scheduling, all of which receives coverage in this book.

Workflow is Oracle's E-Business Suite tool for modeling business processes. Workflow combines procedures performed by the computer with a system of notifications that allow humans to better direct the computer how to proceed. This book provides a very thorough explanation of the various components of Workflow. You'll learn step by step how to develop and test custom Workflows, and how to administer Workflow using OAM, the Workflow Management screens, and Oracle

Diagnostics. This book also explains how the underlying tables store the data generated by Workflow, and how to perform the setups required for a few of the most commonly used Oracle Workflows. The book also includes SQL scripts and sample procedures that we use at Solution Beacon to assess and solve Workflow problems, as well as DBA topics like cloning considerations and partitioning Workflow objects.

Oracle Soa Suite Performance Tuning Cookbook

The Condensed Guide to Analysis and Reporting

Getting Started with Oracle SOA B2B Integration

Oracle Service Bus 11g Development Cookbook

Implementing Oracle Integration Cloud Service

Define, model, implement, and monitor real-world BPEL business processes with SOA powered BPM for Oracle SOA Suite with this book and eBook.

Enterprise Application Integration (EAI) has been the driving force behind application and information system development of the last few years. The Java 2 Platform, Enterprise Edition (J2EE) provides an ideal environment in which to integrate different domains, architectures, and technologies to create available, scalable, and secure enterprise information systems.

Best Practices for Oracle WebLogic Server 12c Configuration and Administration Maintain a high-performance enterprise application framework using the detailed information in this authoritative resource. Through expert instruction and real-world examples, Oracle WebLogic Server 12c Administration Handbook fully explains the latest management tools and techniques. Learn how to work from the Oracle WebLogic Server Administration Console or command line, configure servers and clusters, deploy applications, and optimize application performance. Tuning, troubleshooting, and load balancing are thoroughly covered in this Oracle Press guide. Install Oracle WebLogic Server 12c or perform an upgrade Manage domains, server instances, networks, and virtual hosts Work with the WebLogic Scripting Tool feature and Node Manager Build custom network channels and resource adapters Monitor performance with the WebLogic Diagnostics Framework feature Prioritize requests using Oracle WebLogic Server Work Managers Configure Oracle WebLogic clusters and migrate servers and services Deploy web applications, Enterprise JavaBeans, and Java EE modules Establish security realms and authenticate and authorize users Allocate memory, optimize throughput, and tune the Java Virtual Machine

If you are a software architect, a designer, a software developer, an SOA and BPM architect, a project manager, or a business process analyst who is responsible for the design and development of business processes, composite applications, and BPM/SOA solutions, then this book is for you. You should have a clear grasp of general SOA concepts including business processes and web services, but no prior knowledge of the BPEL language is required.

Siebel BPEL

WS-BPEL 2.O Beginner's Guide

Oracle WebLogic Server 12c Administration Handbook

Oracle SOA Suite 12c Handbook

Business Process Driven SOA Using BPMN and BPEL

A guide to everything an Oracle SOA Suite 12c administrator needs to hit the ground running About This Book Understand core administrative tasks such as deployments, purging, startup and shutdown, configuration, and backup and recovery Manage, monitor, and troubleshoot SOA composites and OSB services Follow step-by-step instructions to easily and quickly install a highly available two-node cluster Who This Book Is For With topic areas ranging from the simple to the complex, this book is intended for novice, mid-level, and experienced administrators of the Oracle SOA Suite 12c platform as well as Oracle WebLogic Server and Oracle Database administrators interested in diving into the product. What You Will Learn Navigate Oracle Enterprise Manager Fusion Middleware Control Monitor and manage the Oracle SOA Suite 12 c infrastructure Deploy and promote code Monitor and manage services Configure and administer the environment Manage the dehydration store and enterprise scheduler service Troubleshoot Oracle SOA Suite 12c infrastructure Set up backups, recovery, and high availability In Detail Oracle SOA Suite 12 c is the most comprehensive and integrated infrastructure on the market today that is used for building applications based on service-oriented architecture. With the vast number of features and capabilities that Oracle SOA Suite 12c has to offer comes numerous complexities and challenges for administration. Oracle SOA Suite 12c Administrator's Guide covers all the core areas of administration needed for you to effectively manage and monitor the Oracle SOA Suite environment and its transactions, from deployments, to monitoring, to performance tuning, and much, much more. Manage, monitor, and troubleshoot SOA composites and OSB services from a single product set. Understand core administrative activities such as deployments, purging, startup and shutdown, configuration, backup, and recovery. Also learn about new features such as Oracle Enterprise Scheduler, lazy loading, work manager groups, high availability, and more. Style and approach Presented in a reference guide format where chapters can be read in any sequence, this book explains the core concepts while providing real-world implementation specifics, detailing the what, why, and how of all the administration-related activities that involve Oracle SOA Suite 12c. We take a step-by-step approach and offers tips, instructions, and examples that you can easily follow and execute.

Master Oracle Fusion Applications Design and Personalization Deliver highly adaptable business applications that bolster productivity and drive informed decision-making. Oracle Fusion

Applications Development and Extensibility Handbook contains best practices, real-world case studies, and technical deep dives. Discover how to manage design- and run-time customizations, extend existing UIs and build new ones, secure your applications, and integrate with other systems. This Oracle Press guide offers complete coverage of the latest cloud and SOA-based features. Explore Oracle Fusion Applications components and architecture Plan, develop, debug, and deploy customizations Extend out-of-the-box functionality with Oracle JDeveloper Modify web applications using Oracle Composer Incorporate Oracle SOA Suite 11g composites Validate code through sandboxes and test environments Secure data using authorization, authentication, and encryption Design and distribute personalized BI reports Automate jobs with Oracle Enterprise Scheduler Change appearance and branding of your applications with the Oracle ADF Skin Editor Extend and customize CRM with Application Composer

This fully illustrated step-by-step tutorial is based on proven training content that has been highly praised by hundreds of developers in product training courses given as part of the BPM Suite 11g rollout. You will learn how to build a business process application project iteratively with each chapter introducing new technology components and adding a functional increment. Each chapter comes with a working solution for your reference. You can use the solution to start the tutorial at any point or to jump around to the chapters most interesting to you. This clear and detailed tutorial is perfect for both new and experienced business process developers, process architects, and process analysts looking for a pragmatic and hands-on approach to learning Oracle BPM Suite 11g.

An architect's and developer's guide to orchestrating web services using BPEL4WS. This book is a comprehensive guide to the usage and syntax of the Business Process Execution Language for Web Services (BPEL4WS). Two major BPEL4WS servers, the Oracle BPEL Process Manager and Microsoft BizTalk Server 2004 are covered in detail, and an overview of other major BPEL4WS servers is provided. The book contains practical examples on using BPEL4WS. Web services provide the basic technical platform required for application interoperability. They do not, however, provide higher level control, such as which web services need to be invoked, which operations should be called and in what sequence. Nor do they provide ways to describe the semantics of interfaces, the workflows, or e-business processes. BEPL is the missing link to assemble and integrate web services into a real business process. BPEL4WS standardizes process automation between web services. This applies both within the enterprise, where BPEL4WS is used to integrate previously

isolated systems, and between enterprises, where BPEL4WS enables easier and more effective integration with business partners. This book provides detailed coverage of BPEL4WS, its syntax, and where and how it is used. The book begins with an overview of web services, showing both the foundation of, and the need for, BPEL. The web services orchestration stack is explained, including standards such as WS-Security, WS-Coordination, WS-Transaction, WS-Addressing, and others. The BPEL language itself is explained in detail, with Code snippets and complete examples illustrating both its syntax and typical construction. Having covered BPEL itself, the book then goes on toshow BPEL is used in context. by providing an overview of major BPEL4WS servers. It covers the Oracle BPEL Process Manager and Microsoft BizTalk Server 2OO4 in detail, and shows how to write BPEL4WS solutions using these servers. The book features: specification of business processes in BPEL4WS, BPEL4WS and its relation to other standards, comprehensive coverage of the BPEL4WS syntax with examples, orchestrating web services using BPEL4WS, explanation of advanced BPEL4WS features such as compensation, concurrency, links, scopes, events, correlations, etc., the Oracle BPEL4WS Process Manager and BPEL Designer, using Microsoft BizTalk Server 2OO4 as a BPEL4WS server, the web services orchestration stack The book blends a broad architectural view with the detailed coverage of syntax and practical implementation required for working with BPEL This book covers the BPEL4WS standard and two BPEL4WS servers - the Oracle BPEL4WS Process Manager and Microsoft BizTalk Server 2OO4. It provides comprehensive coverage of the BPEL4WS syntax and shows how to use BPEL4WS by examples. The book prepares for the coverage of the BPEL4WS standard and servers with a chapter on the web services orchestration stack. This book aimed at technical architects and developers in the technical design phase of advanced e-business solutions dealing with the issues of orchestration, transactions, coordination, and security. The book presumes knowledge of XML and web services (SOAP, WSDL, UDDI), Web services development (either on J2EE or .NET), and Multi-tier architectures.

SOA Patterns

"Hello World" to Oracle Soa

Oracle Soa Suite

Oracle SOA Governance 11g Implementation

Oracle SOA Suite 11g Handbook

This book is an introduction to Oracle SOA Suite 11g. It introduces you to this most useful tool and

provides numerous hands on examples of how to use the product. SOA Suite 11g is known as among other things a BPEL engine (one of its many engines) that is used as the "homogenizing" technology because of its ability to unify various products. Although it contains many engines, the design time experience is singular and abstracts the deep technology under the covers while exposing the full functionality through the interface. The runtime is also bundled nicely into a seamless platform based on WebLogic that provides full clustering, fail-over, and extensibility support. In addition to the raw platform, SOA supports a vast range of Adapters that are covered here. From the Web Service Adapter to the Database Adapter to the FTP Adapter and many more. These adapter allow much easier integration with native technologies and other 3rd Party technologies. The introduction of SOA Suite through this book is meant to be experiential. The theory is minimized and the practical hands-on experience is maximized. You will learn by doing.

Summary SOA Patterns provides architectural guidance through patterns and antipatterns. It shows you how to build real SOA services that feature flexibility, availability, and scalability. Through an extensive set of patterns, this book identifies the major SOA pressure points and provides reusable techniques to address them. Each pattern pairs the classic problem/solution format with a unique technology map, showing where specific solutions fit into the general pattern. About the Technology The idea of service-oriented architecture is an easy one to grasp and yet developers and enterprise architects often struggle with implementation issues. Here are some of them: How to get high availability and high performance How to know a service has failed How to create reports when data is scattered within multiple services How to make loose coupling looser How to solve authentication and authorization for service consumers How to integrate SOA and the UI About the Book SOA Patterns provides detailed, technology-neutral solutions to these challenges, and many others, using plain language. You'll understand the design patterns that promote and enforce flexibility, availability, and scalability. Each of the 26 patterns uses the classic problem/solution format and a unique technology map to show where specific solutions fit into the general pattern. The book is written for working developers and architects building services and service-oriented solutions. Knowledge of Java or C# is helpful but not required. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. Table of Contents PART 1 SOA PATTERNS Solving SOA pains with patterns Foundation structural patterns Patterns for performance, scalability, and availability Security and manageability patterns Message exchange patterns Service consumer patterns Service integration patterns PART 2 SOA IN THE REAL WORLD Service antipatterns Putting it all together—a case study SOA vs. the world

"Hello World" to Oracle SoaThe Complete Guide to Oracle SOA Suite 11g

Defining, designing, creating, and implementing a process to solve a business challenge or meet a

business objective is the most valuable role... In EVERY company, organization and department. Unless you are talking a one-time, single-use project within a business, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' For more than twenty years, The Art of Service's Self-Assessments empower people who can do just that - whether their title is marketer, entrepreneur, manager, salesperson, consultant, business process manager, executive assistant, IT Manager, CxO etc... - they are the people who rule the future. They are people who watch the process as it happens, and ask the right questions to make the process work better. This book is for managers, advisors, consultants, specialists, professionals and anyone interested in oracle soa suite assessment. All the tools you need to an in-depth oracle soa suite Self-Assessment. Featuring 633 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which oracle soa suite improvements can be made. In using the questions you will be better able to: - diagnose oracle soa suite projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in oracle soa suite and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the oracle soa suite Scorecard, you will develop a clear picture of which oracle soa suite areas need attention. Included with your purchase of the book is the oracle soa suite Self-Assessment downloadable resource, which contains all questions and Self-Assessment areas of this book in a ready to use Excel dashboard, including the self-assessment, graphic insights, and project planning automation - all with examples to get you started with the assessment right away. Access instructions can be found in the book. You are free to use the Self-Assessment contents in your presentations and materials for customers without asking us - we are here to help.

Oracle BPM Suite 11g Developer's Cookbook

Professional Oracle WebLogic Server

Getting Started With Oracle Bpm Suite 11gr1

Oracle SOA Suite 12c Administrator's Guide

Oracle Soa Suite 11g

Migrating to the Cloud: Oracle Client/Server Modernization is a reference guide for migrating client/server applications to the Oracle cloud. Organized into 14 chapters, the book offers tips on planning, determining effort and budget, designing the Oracle cloud infrastructure, implementing the migration, and moving the Oracle cloud environment into production. Aside from Oracle application and database cloud offerings, the book looks at various tools and technologies that can

facilitate migration to the cloud. It includes useful code snippets and step-by-step instructions in database migration, along with four case studies that highlight service enablement of DOS-based applications, Sybase to Oracle, PowerBuilder to APEX, and Forms to Java EE. Finally, it considers current challenges and future trends in cloud computing and client/server migration. This book will be useful to IT professionals, such as developers, architects, database administrators, IT project managers, and executives, in developing migration strategies and best practices, as well as finding appropriate solutions. Focuses on Oracle architecture, Middleware and COTS business applications Explains the tools and technologies necessary for your legacy migration Gives useful information about various strategies, migration methodologies and efficient plans for executing migration projects

Develop Service-Oriented Architecture Solutions with the Oracle SOA Suite with this book and eBook

This hands on tutorial gives you the best possible start you could hope for with Oracle B2B. Learn using real life scenarios and examples to give you a solid footing of B2B.This book is for B2B architects, consultants and developers who would like to design and develop B2B integrations using Oracle B2B. This book assumes no prior knowledge of Oracle B2B and explains all concepts from scratch using illustrations, real world examples and step-by-step instructions. The book covers enough depth and details to be useful for both beginner and advanced B2B users.

Your stepbystep, hand-s-on guide to Oracle SOA BPEL PM 11g R1 Learn by doing, with immediate results Create, integrate, and troubleshoot BPEL services with Oracle BPEL Process Manager and JDeveloper step by step Design, develop, test, deploy, and run a full SOA composite application using industry leading practices In Detail BPEL, Business Process Execution Language is the definitive standard in writing and defining actions within business processes. Oracle BPEL Process Manager R1 is Oracle's latest offering, providing you with a complete end-to-end platform for the creation, implementation, and management of your BPEL business processes that are so important to your service-oriented architecture. "Oracle SOA BPEL Process Manager 11g: A Hands-On Tutorial" is your guide to BPEL design and development, SOA Suite platform troubleshooting, and engineering in a detailed step-by-step guide working real-world examples and case studies. Using industry-leading practices you will start by creating your first BPEL process and move onto configuring your processes, then invoking, orchestrating, and testing them. You will then learn how to use architect and design services using BPEL, performance tuning, integration, and security, as well as high availability, troubleshooting, and modeling for the future. "Oracle SOA BPEL Process Manager 11g: A Hands-On Tutorial" is your complete hands-on guide to Oracle SOA BPEL Process Manager 11g.

The ABCs of Workflow for E-Business Suite Release 11i and Release 12

Oracle SOA BPEL Process Manager 11gR1 – A Hands-on Tutorial

Oracle Business Intelligence

Oracle Soa Suite 11G Administrator's Handbook

Oracle Fusion Applications Development and Extensibility Handbook

This is a Cookbook with interesting, hands-on recipes, giving detailed descriptions and lots of practical walkthroughs for boosting the performance of your Oracle SOA Suite.This book is for Oracle SOA Suite 11g administrators, developers, and architects who

want to understand how they can maximise the performance of their SOA Suite infrastructure. The recipes contain easy to follow step-by-step instructions and include many helpful and practical tips. It is suitable for anyone with basic operating system and application server administration experience.

This cookbook is full of immediately useable recipes showing you how to develop service and message-oriented (integration) applications on the Oracle Service Bus. In addition to its cookbook style, which ensures the solutions are presented in a clear step-by-step manner, the explanations go into great detail, which makes it good learning material for everyone who has experience in OSB and wants to improve. Most of the recipes are designed in such a way that each recipe is presented as a separate, standalone entity and reading of prior recipes is not required. The finished solution of each recipe is also made available electronically. If you are an intermediate SOA developer who is using Oracle Service Bus to develop service and message-orientated applications on the Oracle Service Bus, then this book is for you. This book assumes that you have a working knowledge of fundamental SOA concepts and Oracle Service Bus.

This book is a design handbook and provides skills to successfully design, implement, and optimize business processes on top of SOA. Starting with business process modeling, it shows design principles to architect sound process architectures. It presents best practices for modeling business processes using BPMN, together with design principles for services and composite applications. It provides detailed coverage of how to prepare business processes for execution. An in-depth explanation of human interactions is given and also principles and best practices for using rules. Moving on, Adaptive Case Management principles are explained, along with the reach of business processes to mobile devices and ensuring multichannel interactions. Business activity monitoring, event-driven architectures, complex event processing in relation to business processes, and enabling integration with events and IoT devices are explained. The design principles and best practices are demonstrated in a practical way on a rental car use case.

The book uses a concise and practical approach to take you through all the steps necessary to create, run, and analyze your own Network Simulations.This book is ideal for anyone wishing to quickly get to grips with Network Simulation whether you're an expert in networks or just a beginner. It is perfect for all network engineers and administrators who wish to emulate networks using OMNet++ as a preparation for building the actual network.

BPEL and Java Cookbook

From Business Process Modeling to Orchestration and Service Oriented Architecture

Oracle Fusion Middleware 11g Architecture and Management

Oracle SOA BPEL Process Manager 11gR1 - A Hands-on Tutorial

WS-BPEL 2.0 for SOA Composite Applications with Oracle SOA Suite 11g

A fast track guide to uncovering the analytical power of Oracle Business Intelligence: Analytic SQL, Oracle Discoverer, Oracle Reports, and Oracle Warehouse Builder with this book and eBook.

Organizations increasingly need to deal with unstructured processes that traditional business process management (BPM) suites are not designed to deal with. High-risk, yet high-value, loan origination or

credit approvals, police investigations, and healthcare patient treatment are just a few examples of areas where a level of uncertainty makes outc

Master Oracle SOA Suite 12c Design, implement, manage, and maintain a highly flexible service-oriented computing infrastructure across your enterprise using the detailed information in this Oracle Press guide. Written by an Oracle ACE director, Oracle SOA Suite 12c Handbook uses a start-to-finish case study to illustrate each concept and technique. Learn expert techniques for designing and implementing components, assembling composite applications, integrating Java, handling complex business logic, and maximizing code reuse. Runtime administration, governance, and security are covered in this practical resource. Get started with the Oracle SOA Suite 12c development and run time environment Deploy and manage SOA composite applications Expose SOAP/XML REST/JSON through Oracle Service Bus Establish interactions through adapters for Database, JMS, File/FTP, UMS, LDAP, and Coherence Embed custom logic using Java and the Spring component Perform fast data analysis in real time with Oracle Event Processor Implement Event Drive Architecture based on the Event Delivery Network (EDN) Use Oracle Business Rules to encapsulate logic and automate decisions Model complex processes using BPEL, BPMN, and human task components Establish KPIs and evaluate performance using Oracle Business Activity Monitoring Control traffic, audit system activity, and encrypt sensitive data

"SOA Made Simple" is a concise and indispensable handbook for finally understanding exactly what Service Oriented Architecture is. Split into three clear sections, in this book you'll learn from both theory as well as step-by-step implementation examples to aid in your understanding of this often poorly-articulated industry term.If you are an architect who wants to be completely clear in your understanding of what SOA is, then this book is essential. In fact, anyone (designer, developer, administrator or team lead) who is implementing or about to implement an architecture in an IT environment should not miss out on "SOA Made Simple." Some previous experience with general software architecture is required, but this guide will tell you everything you need to know about SOA in a clear and easy fashion.

Migrating to the Cloud

Oracle SOA Suite 11g R1 Developer's Guide

Soa Made Simple

Design Principles for Process-driven Architectures Using Oracle BPM and SOA Suite 12c

Pro Spring Integration

Master Oracle SOA Suite 11g Design and implement an agile service-oriented enterprise computing infrastructure using the detailed information in this Oracle Press guide. Written by an Oracle ACE director, Oracle SOA Suite 11g Handbook uses a hands-on case study to illustrate each programming, management, and governance concept. Get expert techniques for modeling and implementing complex business processes and deploying and securing Web services, while maximizing decoupling and code reuse. Install Oracle SOA Suite 11g or migrate from a previous version Design and develop composite applications using SCA and SDO Model processes using BPEL, BPMN, and human task components Connect components through mapping and filtering with Oracle Mediator Apply the principles of event-driven architecture through complex event processing, the event delivery network, and Oracle Business Activity Monitoring server Benefit from the power of Java through the Spring component and the interaction with Oracle Validate, enrich, transform, route, and operate on data using the Oracle Service Bus Deploy, test, and manage composite applications from the Oracle Enterprise Manager control console

Understand everything you need to know about Oracle's Integration Cloud Service and how to utilize it optimally for your business About This Book The only guide to Integration Cloud Service in the market Focused on practical action to deliver business value A professional's guide to an expensive product, providing comprehensive training, and showing how to extract real business value from the product Who This Book Is For This book is ideal for any IT professional working with ICS, any Oracle application or cloud solution developer or analyst who wants to work with ICS to deliver business value. What You Will Learn Use ICS to integrate different systems together without needing to be a developer Gain understanding of what a number of technologies and standards provide – without needing to understand the fine details of those standards and technologies Understand the use of connectors that Oracle provide from technology based connections such as file and database connections to SaaS solutions ranging from Salesforce to Twitter Enrich data and extend SaaS integration to route to different instances Utilize a number of tools to help develop and check that your integrations work before connecting to live systems Introduce and explain integration concepts so that the integrations created are maintainable and sustainable for the longer term Provide details on how to keep up to date with the features that Oracle and partners provide in the future Get special connections developed to work with ICS In Detail Businesses are built on data, and applications that access that data. In modern businesses the same cloud-based data stores and applications might be accessed by hundreds of different applications from thousands of different devices via APIs. To make this happen, APIs must be wired together i.e. integrated. Oracle Integration Cloud Service provides a complete method for integrating enterprise applications in the cloud. Integration Cloud Service (ICS) provides a cloud hosted means to integrate systems together using a graphical means to define and represent integrations. This book will be a comprehensive, hands-on guide to building successful, high-availability integrations on ICS. This book sets out to demonstrate how ICS can be used to effectively implement integrations

that work both in the cloud and on premise. It starts with a fast, practical introduction to what ICS can do for your business and then shows how ICS allows you to develop integrations not only quickly but in a way that means they are maintainable and extensible. Gradually it moves into more advanced integrations, showing how to achieve sophisticated results with ICS and work with external applications. Finally the book shows you how to monitor cloud apps and go beyond ICS to build even more powerful integrated applications. By the end of the book, you will the knowledge on how to use ICS to solve your own integration needs and harness the technologies in a maintainable and sustainable manner. Style and approach This book will take a pragmatic approach and will be a business-focused guide to delivering business value with ICS.

Master All Aspects of Oracle Fusion Middleware Management Govern a unified platform for agile, intelligent business applications using the detailed information contained in this Oracle Press book. Oracle Fusion Middleware 11g Architecture and Management explains the entire suite of Oracle Fusion Middleware components and lays out core use cases, best practices, and step-by-step administrative instructions. Discover how to provision servers and clusters, configure Web services, manage portals, and optimize the performance of the full stack of Oracle Fusion Middleware components. Monitoring, diagnosing, and security are also covered in this definitive resource. Understand key architectural concepts behind Oracle Fusion Middleware 11g Create and deploy Oracle WebLogic Server domains and clusters Set up and manage applications built using Oracle Application Development Framework Maximize the value of your Oracle SOA Suite environments Manage portals and Enterprise 2.0 services from Oracle WebCenter Secure deployments with Oracle Platform Security Services and Oracle Identity Management Understand Oracle Exalogic and Oracle Virtual Assembly Builder

Authoritative guide to Oracle WebLogic Server-from Oracle insiders If you're an experienced Java developer who wants to expand your skills, Professional Oracle WebLogic Server is the perfect guide for you. This book is written by a top-notch author team that that includes one of the lead architects from Oracle's Fusion Middleware Development Architects team. Follow their best practices, workarounds, and sound techniques and confidently develop even the most mission-critical applications with WebLogic Server. This book fully covers WebLogic Server 11g, including the new features of both JEE 5 and WebLogic Server, as well as JEE 5 annotations, Spring, JPA, JAX-WS, JMS Store-And-Forward, SAML support, and the WLST administrative scripting tool. This book is the authoritative guide to Choosing a Web application architecture Best practices for development and production environments Designing an Java EE application Building Enterprise JavaBeans in WebLogic Server Building an EJB application Packaging and deploying WebLogic web applications Developing and deploying web services Using WebLogic JMS Using WebLogic security Administering and deploying applications in WebLogic Server Optimizing WebLogic Server performance

A Hands-on Tutorial

Business Process Execution Language for Web Services

The Complete Guide to Oracle SOA Suite 11g

Oracle Client/Server Modernization

A Step-by-step Tutorial

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

This hands-on, example-driven guide is a practical getting started tutorial with plenty of step-by-step instructions for beginner to intermediate level readers working with BPEL PM in Oracle SOA SuiteWritten for SOA developers, administrators, architects, and engineers who want to get started with Oracle BPEL PM 11g. No previous experience with BPEL PM is required, but an understanding of SOA and web services is assumed

"Hello World" to Oracle SOA is a perfect companion that will be helpful to gain the skills in developing next

generation integration components using Oracle SOA Suite 11g. It also pays the way for the Integration Consultants/Developers to upgrade skills from the existing EAI (Enterprise Application Integration) background to Oracle SOA. It covers the required details from the beginners to become master in Oracle SOA Suite 11g. It consists of five major sections with 51 Chapters, two of it to explain the Basics and Advanced Concepts in Oracle SOA Suite, next two sections for Examples and a Tutorial (Next Generation Employee Hiring Process) with an additional appendix section that discuss about the key tips for SOA Implementation. This book covers the key compoents of Oracle SOA stack and helps to readers to be an independent developer by following the concepts, tutorials and examples. Below list of topics are covered in details in this book with unique examples for each of the topic discussed. Introduction to WebService Development Introduction to Oracle SOA Suite & Installation Procedures Overview on Oracle SCA Components Developing first SCA Composite with Oracle SOA Suite Oracle SCA Component Description Testing the Service Composite Application Building Integration Components with Oracle SOA Building Service Composite Application with Oracle SOA Building Business Process Flows with Oracle SOA Securing Oracle SCA Composite using OWSM Guidelines to Administer Oracle SOA Suite Advanced Concepts in Oracle SOA

Go from Business Process Modeling to Orchestration and Service Oriented Architecture with this book and eBook.

Oracle Case Management Solutions

SOA Governance

Professional J2EE EAI

Siebel SOA & Fusion Blackbook

Ws-Bpel 2.0 for Soa Composite Applications with Oracle Soa Suite 11g

The book is written in a Cookbook format with practical recipes aimed at helping you extend BPEL capabilities with Java.This book is aimed at Java developers who use BPEL programming to develop web services in SOA development. It is assumed that the readers are experienced with Java programming and SOA, but knowledge of BPEL is not necessarily required.

Define, model, implement, and monitor real-world BPEL 2.0 business processes with SOA-powered BPM for IBM WebSphere 7 with this book and eBook.

The book explains core concepts while providing real world implementation specifics, detailing the administration-related activities with Oracle SOA Suite 11g with a step-by-step approach using real-world examples. The authors demonstrate the use of WLST scripts that administrators can reuse and extend to perform most administration tasks such as deployments, tuning, migration, and installation. If you are an Oracle SOA Suite administrator, WebLogic Server administrator, Database administrator, or developer that needs to administer and secure your Oracle SOA Suite services and applications, then this book is for you. Basic knowledge of Oracle SOA Suite Administration is beneficial, but not necessary.

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