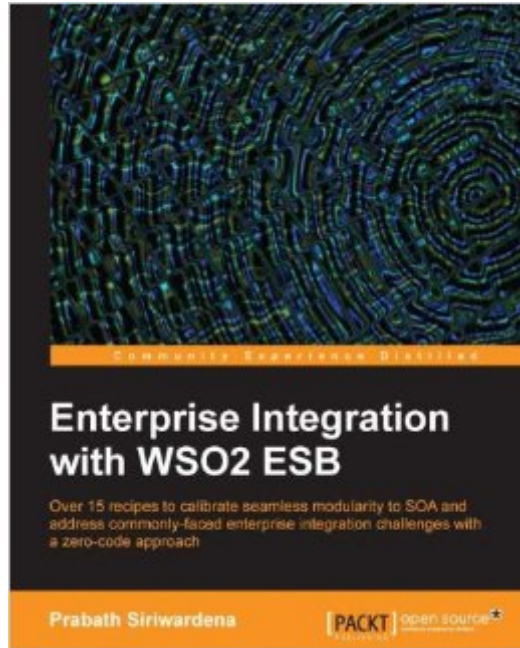# Enterprise Integration With WSO2 ESB

Synopsis

In DetailThe Enterprise Service Bus (ESB) serves as a key component in most of the enterprise grade deployments. In most cases, the ESB removes point-to-point dependencies in your system to build a highly-scalable, loosely-coupled solution. ESB is a key ingredient to build an SOA infrastructure, but it's not a must. Even with an ESB, if industry best practices and patterns are not followed, users will end up in a mess. This book will teach you the essentials to get started with WSO2 ESB and solve the most commonly-faced integration problems.The book starts by explaining the need for an ESB and the problems it solves. It will cover the most widely-used enterprise integration patterns, including Content Based Router, Dynamic Router, Splitter, Aggregator, Scatter & Gather, Publish & Subscribe, Detour, Service Chaining, Content Enricher and Message Broker. Learn how WSO2 ESB can bring third-party business messaging systems such as SAP, FIX, and HL7 into the SOA world, as well as how to integrate the Twitter connector into your business messaging flow.ApproachProviding background on the â œwhen and whyâ • of the topic, then diving into practical, instruction-based examples called â œrecipesâ •, where each recipe will explain how to address a given challenge in enterprise integration.Who this book is forIf you are an architect or a developer, keen on building solutions to solve enterprise integration problems, this is the book for you! Understanding of SOA design concepts, SOAP, REST, and related messaging systems is important. However, you are not expected to be an advanced user of WSO2 ESB.

Book Information

File Size: 1089 KB

Print Length: 92 pages

Publisher: Packt Publishing (October 24, 2013)

Publication Date: October 24, 2013

Sold by:Â Digital Services LLC

Language: English

ASIN: B00G50G49A

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #788,537 Paid in Kindle Store (See Top 100 Paid in Kindle Store)   #118

Customer Reviews

Prabath wrote a very useful book on how to setup a production environment. The first chapter describes how the operating system can be optimized to host a high performing Enterprise Service Bus like the WSO2 ESB.After setting the standard for your platform to run the ESB on, the author covers common integration patterns with the help of the WSO2 ESB mediators in chapters two to four. What I particularly find useful are the examples that are given in source code format. When copying and pasting the examples to the graphical editor one gains inside view in to the collaboration between all the different available mediators and integration patterns.Chapter 5 explains Task Scheduling within the ESB. This functionality helps customer using the ESB as an ETL layer instead of "pass through messaging" only.The appendix explains all WSO2 ESB terminology that is great as a reference when answering different questions from customers who are looking in to the functionality of the WSO2 ESB.In conclusion:For a first book on WSO2 products I think this is a really good start with a lot of useful information imo a must read for everybody thinking of using the high performance WSO2 ESB.

A simple cookbook-style book on ESB setup and step-by-step guides for numerous ESB integration patterns; basic enough for a getting started guide.

Terrible. You're much better off reading the docs online.The examples are poorly explained. This couldn't even be classified as a good article if it was published as a blog post online, let alone published as a book.

It is a good introduction material for WSO2 ESB platform, and I am awaiting the next book.What could be improved: the amount of material, recipes might be more connected with each other (e.g. examples of implementation from real life would be priceless), a bit more explanation on the actions we should do - sometimes it is important to understand the meaning WHY we should do like that.

Enterprise Integration with WSO2 ESB Enterprise Integration: An Architecture for Enterprise Application and Systems Integration Enterprise Application Integration with CORBA Component and

Web-Based Solutions Developing Business Systems with CORBA with CD-ROM: The Key to Enterprise Integration (SIGS: Managing Object Technology) Enterprise Integration Patterns: Designing, Building, and Deploying Messaging Solutions (Addison-Wesley Signature Series (Fowler)) Enterprise Integration Red Hat Enterprise Linux (RHEL) 6 Server Installation & Administration: Training Manual: Covering CentOS-6, OpenSUSE 11.3 Server, Mandriva Enterprise Server, and Fedora 14 Server Microsoft .NET - Architecting Applications for the Enterprise: Architecting Applications for the Enterprise (Developer Reference) SQL Server 2012 Integration Services Design Patterns (Expert's Voice in SQL Server) How to Be an Adult: A Handbook for Psychological and Spiritual Integration Design Integration Using Autodesk Revit 2016 Design Integration Using Autodesk Revit 2015: Architecture, Structure and MEP LDAP fÃ r Java-Entwickler - Einstieg und Integration (German Edition) Sensory Integration and the Child KML & KMZ Integration: Step by Step Guide (Surveying Mathematics Made Simple Book 16) Transportation Infrastructure Engineering: A Multimodal Integration Silicon Processing for the VLSI Era, Vol. 2: Process Integration 3D IC Integration and Packaging Through-Silicon Vias for 3D Integration Grid Integration and Dynamic Impact of Wind Energy (Power Electronics and Power Systems)