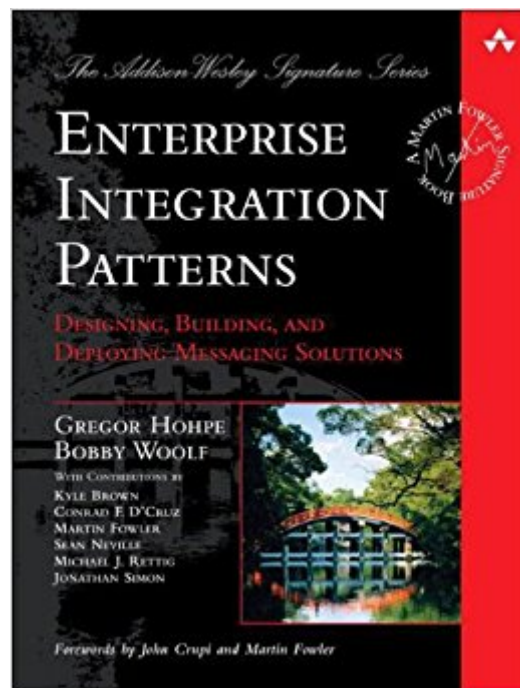The book was found

Enterprise Integration Patterns: Designing, Building, And Deploying Messaging Solutions

Synopsis

Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. Ã Â The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. Ã Â This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

Book Information

Hardcover: 736 pages

Publisher: Addison-Wesley Professional; 1 edition (October 20, 2003)

Language: English

ISBN-10: 0321200683

ISBN-13: 978-0321200686

Product Dimensions: 7.4 x 1.6 x 9.2 inches

Shipping Weight: 2.9 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars   83 customer reviews

Best Sellers Rank: #42,279 in Books (See Top 100 in Books)   #2 inÃ Â Books > Computers & Technology > Software > Voice Recognition   #22 inÃ Â Books > Textbooks > Computer Science > Object-Oriented Software Design   #41 inÃ Â Books > Computers & Technology > Databases & Big Data > Data Processing

Customer Reviews

Would you like to use a consistent visual notation for drawing integration solutions? Look inside the front cover. Do you want to harness the power of asynchronous systems without getting caught in the pitfalls? See "Thinking Asynchronously" in the Introduction. Do you want to know which style of application integration is best for your purposes? See Chapter 2, Integration Styles. Do you want to

learn techniques for processing messages concurrently? See Chapter 10, Competing Consumers and Message Dispatcher. Do you want to learn how you can track asynchronous messages as they flow across distributed systems? See Chapter 11, Message History and Message Store. Do you want to understand how a system designed using integration patterns can be implemented using Java Web services, .NET message queuing, and a TIBCO-based publish-subscribe architecture? See Chapter 9, Interlude: Composed Messaging. Utilizing years of practical experience, seasoned experts Gregor Hohpe and Bobby Woolf show how asynchronous messaging has proven to be the best strategy for enterprise integration success. However, building and deploying messaging solutions presents a number of problems for developers. Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.   0321200683B09122003

Gregor Hohpe leads the enterprise integration practice at ThoughtWorks, Inc., a specialized provider of application development and integration services. Drawing from his extensive experience designing and implementing integration solutions for enterprise clients, Gregor has published a number of papers and articles presenting a no-hype view on enterprise integration, Web services, and Service-Oriented Architectures. He is a frequent speaker at technical conferences around the world.   Bobby Woolf is coauthor of The Design Patterns Smalltalk Companion (Addison-Wesley, 1998), and author of articles in IBM DeveloperWorks, Java Developer's Journal, and elsewhere. He has been a tutorial presenter at OOPSLA, JavaEdge, and Smalltalk Solutions, among other conferences.   0321200683AB09122003

I've been a s/w architect for years so ... I've encountered most of these integration patterns. As I went through patterns that I haven't used, I kept the same question in my head: how is this better than if I just did it without a pattern (this is the same question I keep applying to frameworks and tools such as ESBs and business process orchestration languages like BPEL). With this, I found the authors thought along the same lines and were able to provide those answers without my having to think about the issue of not using the pattern. You have to know what the alternatives are that the pattern is trying to resolve and just why the alternatives are a problem -- and this book delivers on that. Note: I found it was helpful to keep in mind that these are application integration patterns: patterns for integrating applications as opposed to patterns for building an enterprise application.

Arrived on time, used , but in very good and clean condition, almost like new.The book itself is very well written and organized. It gives very good real-life business integration examples. I believe anyone with some enterprise integration background can follow and relate to this book very easily, and without getting bored or falling asleep.

Deserves to take place in the great line up of GoF, POSA1, POSA2, EAA, Core Security Patterns (other "patterns" books omitted intentionally).I have done Messaging and message based integration before, but this book takes essentially what is an art form and makes a science out of it.First it starts with 4 different styles of integration (File based, Shared Database, RPC, Messaging) and discusses them intelligently giving their advantages and disadvantages.Then it gets in to the major aspects/ pieces of Message based integration (Message, Channel, Routing, Transformation, End Points, System Management etc). It again discusses them as patterns and develops a good vocabulary of the messaging domain.Then comes the meat where for each aspect of Messaging, it gives about 8 to 15 specific patterns, names them, shows their pros and cons, gives the trade off and intelligently discusses their usage. As part of the examples it draws example from JMS/ TIBCO/ MSMQ etc. Priceless.What I loved about this book is how it makes you rethink everything you may have been doing before in software architecture/ integration using technologies such as Web Services, JMS, J2EE etc.For example, many would not have fully groked MDBs as "event driven", "competing", "transactional" message consumers, that are suited for "Point to Point" integration. Yes I know every body uses them but do you really understand the implications for transaction scope and threading? . Or Polling message consumers have their advantages ?Good discussion on relate standards and technologies included (Web Services, Axis Implementation, WS-*, SOAP etc)Buy this guys and may be enterprise integration would be less messy.

I cannot recommend this book enough for software architects designing applications that interact in any way with another outside system. With today's movement towards cloud computing and always-online environments, that's practically everything. Going further, when you consider that an application can coordinate its own interaction with internal subsystems using Enterprise Integration Patterns, this design philosophy truly applies everywhere. Enterprise Integration Patterns take to the next level the same separation-of-concerns principles thatÃ Â Object-Oriented DesignÃ Â introduced, teaching us encapsulation of entire systems regardless of architecture.This won't be the most in-depth review, but I'd encourage you to visit these two sites for a deeper exploration of the topic:[...][...] -- Apache's extensive Java reference implementation, including a nice Wiki with example use cases and creative recipes.

In the present resurgence of functional languages, this book should be highly regarded for its depth of focus on messaging patterns and their proper use. There aren't many books I'd say should be on every developer's bookshelf by they time they have a senior job title, but this is definitely one of them.

Gregor has a gift for explaining design patterns. We were trying to explain the problems with passing a large file up and down a messaging bus to our bioinformatics users, when I ran across Enterprise Integration Patterns. As soon as I showed the Claim Check pattern to our designers, they got it instantly. Five of my colleagues purchased the book, and we asked Gregor to come teach a class on it. This is the best written book on design patterns I've seen. I reallly like the list of patterns inside the book cover -- nice terse explanation, and great mnemonic icons.

This is the third pattern book in my collection (the other two are Analysis Patterns by Martin Fowler and the definitive Design Patterns by the Gang of Four) and IMHO this is the best example yet of where patterns can really improve the development process. This is the first book I've seen to address the area of enterprise development where the real heavy lifting takes place. Applications don't miraculously integrate with one another; it takes talented, knowledgeable IT personnel to wire everything together. If you're one of those people, Enterprise Integration Patterns is an important addition to your toolkit.Chapter 2 takes the reader through the integration efforts of a fictional enterprise to demonstrate some of the patterns in action. The descriptions of the problems and their possible solutions... just make sense. You can really see the benefit that these patterns provide to

simplifying, organizing and clarifying the situation.

This is THE reference about the subject... still applicable today, and still a lot of folks that definitely should read it (including "enterprise" class products developers)

Enterprise Integration Patterns: Designing, Building, and Deploying Messaging Solutions Designing and Deploying 802.11 Wireless Networks: A Practical Guide to Implementing 802.11n and 802.11ac Wireless Networks For Enterprise-Based Applications (2nd Edition) (Networking Technology) M&A Integration: How To Do It. Planning and delivering M&A integration for business success Pinch Analysis and Process Integration, Second Edition: A User Guide on Process Integration for the Efficient Use of Energy White Reign: Deploying Whiteness in America Machine Trading: Deploying Computer Algorithms to Conquer the Markets (Wiley Trading) How to Build Microservices: Top 10 Hacks to Modeling, Integrating & Deploying Microservices (The Blokehead Success Series) Designing Organizations: Strategy, Structure, and Process at the Business Unit and Enterprise Levels Bavarian Crochet: Learn About Bavarian Stitches and Patterns and Make 15 Cute and Easy Projects: (Crochet Patterns, Crochet for Beginners) (Crochet Books Patterns, Cute And Easy Crochet) Building Bots: Designing and Building Warrior Robots 11 Crochet Shawl Patterns: Crochet Poncho Patterns, Free Easy Crochet Patterns and More Dress Up Dolls Amigurumi Crochet Patterns: 5 big dolls with clothes, shoes, accessories, tiny bear and big carry bag patterns (Sayjai's Amigurumi Crochet Patterns) (Volume 3) Dress Up Dolls Amigurumi Crochet Patterns: 5 big dolls with clothes, shoes, accessories, tiny bear and big carry bag patterns (Sayjai's Amigurumi Crochet Patterns Book 3) His Forge Burns Hot for Mosaic Damascus: Knife Patterns & Techniques: Damascus pattern making & techniques. Learn how to make mosaic Damascus patterns ... techniques for making Damascus patterns. Crochet: Crochet Books: 30 Crochet Patterns In 30 Days With The Ultimate Crochet Guide! (crochet patterns on kindle free, crochet patterns, crochet books, ... crocheting, crochet magazine Book 1) Patterns of Enterprise Application Architecture Energy and Analytics: BIG DATA and Building Technology Integration Designing the World's Best Public Art (Designing the World's Best Series) Building Systems Integration for Enhanced Environmental Performance Inventors of Food and Agriculture Technology (Designing Engineering Solutions)

Privacy

FAQ & Help