



software technologies and teaches a set of skills that are demanded by fast moving software evolution. This up-to-date textbook integrates theory and practice, going from foundations and concepts to specific applications. Through deep insights into almost all areas of modern CIS and IT, Zhuk provides an entry into the new world of integrated knowledge and software engineering. Readers will learn the what s, why s, and how s on: J2EE, J2ME, .NET, JSAPI, JMS, JMF, SALT, VoiceXML, WAP, 802.11, CDNA, GPRS, Cycl, XML, and multiple XML-based technologies including RDF, DAML, SOAP, UDDI, and WDSL. Students, architects, designers, coders, and even management benefit from innovative ideas and detailed examples for building multi-dimensional worlds of enterprise applications and creating distributed knowledge marketplace.

SAP ABAP (Advanced Business Application Programming) offers a detailed tutorial on the numerous features of the core programming platform, used for development for the entire SAP software suite. SAP ABAP uses hands on business oriented use cases and a valuable dedicated e-resource to demonstrate the underlying advanced concepts of the OO ABAP environment and the SAP UI. SAP ABAP covers the latest version (NetWeaver 7.3 and SAP application programming release 6.0) of the platform for demonstrating the customization and implementation phases of the SAP software implementation. Void of theoretical treatments and preoccupation with language syntax, SAP ABAP is a comprehensive, practical one stop solution, which demonstrates and conveys the language's commands and features through hands on examples. The accompanying e-resource is a take off point to the book. SAP ABAP works in tandem with the accompanying e-resource to create an interactive learning environment where the book provides a brief description and an overview of a specified feature/command, showing and discussing the corresponding code. At the reader's option, the user can utilize the accompanying e-resource, where a step-by-step guide to creating and running the feature's object is available. The presentation of the features is scenario oriented, i.e. most of the features are demonstrated in terms of small business scenarios. The e-resource contains the scenario descriptions, screen shots, detailed screen cams and ABAP program source to enable the reader to create all objects related to the scenario and run/execute them. The underlying concepts of a feature/command are conveyed through execution of these hands-on programs. Further exercises to be performed independently by the reader are also proposed. The demonstration/illustration objects including the programs rely on some of the SAP application tables being populated, for example an IDES system which is now a de facto system for all SAP training related activities.

A Guide to Developing Next-Generation Enterprise Applications

MuleSoft for Salesforce Developers

Creating Self-Describing Data

Parallel and Distributed Computing, Applications and Technologies

Developing Data Migrations and Integrations with Salesforce

SAP ABAP

Distributed Messaging for Everyone

Enterprise Integration PatternsDesigning, Building, and Deploying Messaging SolutionsAddison-Wesley

Summary Functional Programming in JavaScript teaches JavaScript developers functional techniques that will improve extensibility, modularity, reusability, testability, and performance. Through concrete examples and jargon-free explanations, this book teaches you how to apply functional programming to real-life development tasks Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology In complex web applications, the low-level details of your JavaScript code can obscure the workings of the system as a whole. As a coding style, functional programming (FP) promotes loosely coupled relationships among the components of your application, making the big picture easier to design, communicate, and maintain. About the Book Functional Programming in JavaScript teaches you techniques to improve your web applications - their extensibility, modularity, reusability, and testability, as well as their performance. This easy-to-read book uses concrete examples and clear explanations to show you how to use functional programming in real life. If you're new to functional programming, you'll appreciate this guide's many insightful comparisons to imperative or object-oriented programming that help you understand functional design. By the end, you'll think about application design in a fresh new way, and you may even grow to appreciate monads! What's Inside High-value FP techniques for real-world uses Using FP where it makes the most sense Separating the logic of your system from implementation details FP-style error handling, testing, and debugging All code samples use JavaScript ES6 (ES 2015) About the Reader Written for developers with a solid grasp of JavaScript fundamentals and web application design. About the Author Luis Atencio is a software engineer and architect building enterprise applications in Java, PHP, and JavaScript. Table of Contents PART 1 THINK FUNCTIONALLY Becoming functional Higher-order JavaScript PART 2 GET FUNCTIONAL Few data structures, many operations Toward modular, reusable code Design patterns against complexity PART 3 ENHANCING YOUR FUNCTIONAL SKILLS Bulletproofing your code Functional optimizations Managing asynchronous events and data

This second edition of the bestselling Learning XML provides web developers with a concise but grounded understanding of XML (the Extensible Markup Language) and its potential-- not just a whirlwind tour of XML. The author explains the important and relevant XML technologies and their capabilities clearly and succinctly with plenty of real-life projects and useful examples. He outlines the elements of markup--demystifying concepts such as attributes, entities, and namespaces--and provides enough depth and examples to get started. Learning XML is a reliable source for anyone who needs to know XML, but doesn't want to waste time wading through hundreds of web sites or 800 pages of bloated text. For writers producing XML documents, this book clarifies files and the process of creating them with the appropriate structure and format. Designers will learn what parts of XML are most helpful to their team and will get started on creating Document Type Definitions. For programmers, the book makes syntax and structures clear. Learning XML also discusses the stylesheets needed for viewing documents in the next generation of browsers, databases, and other devices. Learning XML illustrates the core XML concepts and language syntax, in addition to important related tools such as the CSS and XSL styling languages and the XLink and XPointer specifications for creating rich link structures. It includes information about three schema languages for validation: W3C Schema, Schematron, and RELAX-NG, which are gaining widespread support from people who need to validate documents but aren't satisfied with DTDs. Also new in this edition is a chapter on XSL-FO, a powerful formatting language for XML. If you need to wade through the acronym soup of XML and start to really use this powerful tool, Learning XML will give you the roadmap you need.

Describes principles of the emerging field of data-intensive computing, along with methods for designing, managing and analyzing the big data sets of today.

API Management

Haskell Programming from First Principles

An Architect's Guide to Developing and Managing APIs for Your Organization

Implementing Oracle Integration Cloud Service

Accelerating Integration with SaaS, Social Media, and Open APIs

Mule in Action

Thesaurus of Traditional English Metaphors

Summary Camel in Action, Second Edition is the most complete Camel book on the market. Written by core developers of Camel and the authors of the highly acclaimed first edition, this book distills their experience and practical insights so that you can tackle integration tasks like a pro. Forewords by James Strachan and Dr. Mark Little Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Apache Camel is a Java framework that implements enterprise integration patterns (EIPs) and comes with over 200 adapters to third-party systems. A concise DSL lets you build integration logic into your app with just a few lines of Java or XML. By using Camel, you benefit from the testing and experience of a large and vibrant open source community. About the Book Camel in Action, Second Edition is the definitive guide to the Camel framework. It starts with core concepts like sending, receiving, routing, and transforming data. It then goes in depth on many topics such as how to develop, debug, test, deal with errors, secure, scale, cluster, deploy, and monitor your Camel applications. The book also discusses how to run Camel with microservices, reactive systems, containers, and in the cloud. What's Inside Coverage of all relevant EIPs Camel microservices with Spring Boot Camel on Docker and Kubernetes Error handling, testing, security, clustering, monitoring, and deployment Hundreds of examples in Java and XML About the Reader Readers should be familiar with Java. This book is accessible to beginners and invaluable to experts. About the Author Claus Ibsen is a senior principal engineer working for Red Hat specializing in cloud and integration. He has worked on Apache Camel for the last nine years where he leads the project. Claus lives in Denmark. Jonathan Anstey is an engineering manager at Red Hat and a core Camel contributor. He lives in Newfoundland, Canada. Table of Contents Part 1 - First steps Meeting Camel Routing with Camel Part 2 - Core Camel Transforming data with Camel Using beans with Camel Enterprise integration patterns Using components Part 3 - Developing and testing Microservices Developing Camel projects Testing RESTful web services Part 4 - Going further with Camel Error handling Transactions and idempotency Parallel processing Securing Camel Part 5 - Running and managing Camel Running and deploying Camel Management and monitoring Part 6 - Out in the wild Clustering Microservices with Docker and Kubernetes Camel tooling Bonus online chapters Available at https://www.manning.com/books/camel-in-action-second-edition and in electronic versions of this book: Reactive Camel Camel and the IoT by Henryk Konsek 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.

Haskell Programming makes Haskell as clear, painless, and practical as it can be, whether you're a beginner or an experienced hacker. Learning Haskell from the ground up is easier and works better. With our exercise-driven approach, you'll build on previous chapters such that by the time you reach the notorious Monad, it'll seem trivial.

NEW YORK TIMES BESTSELLER • The founder and co-CEO of Salesforce delivers an inspiring vision for successful companies of the future—in which changing the world is everyone's business. “The gold standard on how to use business as a platform for change at this urgent time.” —Ray Dalio, founder of Bridgewater Associates and author of Principles: Life and Work What's the secret to business growth and innovation and a purpose-driven career in a world that is becoming vastly more complicated by the day? According to Marc Benioff, the answer is embracing a culture in which your values permeate everything you do. In Trailblazer, Benioff gives readers a rare behind-the-scenes look at the inner workings of one of the world's most admired companies. He reveals how Salesforce's core values—trust, customer success, innovation, and equality—and commitment to giving back have become the company's greatest competitive advantage and the most powerful engine of its success. Because no matter what business you're in, Benioff says, values are the bedrock of a resilient company culture that inspires all employees, at every level, to do the best work of their lives. Along the way, he shares insights and best practices for anyone who wants to cultivate a company culture positioned to thrive in the face of the inevitable disruption ahead. None of us in the business world can afford to sit on the sidelines and ignore what's going on outside the walls of our workplaces. In the future, profits and progress will no longer be sustainable unless they serve the greater good. Whether you run a company, lead a small team, or have just draped an ID badge around your neck for the first time, Trailblazer reveals how anyone can become an agent of change. Praise for Trailblazer “A guide for what every business and organization must do to thrive in this period of profound political and economic change.” —Jamie Dimon, chairman and CEO of JPMorgan Chase “In Trailblazer, Benioff explores how companies can nurture a values-based culture to become powerful platforms for change.” —Susan Wojcicki, CEO of YouTube

Architectures, Algorithms, and Applications

Functional Programming in JavaScript