

## In Action Infoq

Elm in Action

Your Role in Creating Cultures of Belonging Where Everyone Can Thrive

Aligning Principles, Practices, and Culture

Apache Pulsar in Action

Designing, Developing, and Deploying

Improving Software Development Productivity

How to Lead in Product Management: Practices to Align Stakeholders, Guide Development Teams, and Create Value Together

Strategies for Building Successful Teams and Organizations

Effective Leadership and Quantitative Methods in Software Management

Lessons Learned from Programming Over Time

Slowing Down, Looking Inward, Taking Action

ActiveMQ in Action

Domain-Driven Design Quickly

Scaling Teams

Kanban and Scrum - Making the Most of Both

Micro Frontends in Action

How the World's Best Companies Ship Software and Work Differently

Microservices for the Enterprise

Mastering the Key Metrics for Startup Growth

Unleashed

How to Be an Inclusive Leader

Competing with Unicorns

Kubernetes in Action

ASP.NET Core in Action

Real-World Kanban

Building Micro-Frontends

Spring Integration in Action

Growing self-organizing teams

Leading with Uncommon Sense

Microservice Architecture

Scaling Lean

The Professional Product Owner

Go in Action

Organizing Business and Technology Teams for Fast Flow

Behavior-Driven Development for the whole software lifecycle

Being Agile in Business

Six Questions to Help You Build the Next-Generation Enterprise

Do Less, Accomplish More with Lean Thinking

Agile Leadership Toolkit

*In Action Infoq*

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### ANAYA HINTON

**Elm in Action** Simon and Schuster

Agile retrospectives help you get to the root of your real problems, so you can solve them quickly and effectively. They're the cornerstone of a successful continuous improvement process, and one of your best tools for triggering positive cultural change. In *Improving Agile Retrospectives*, leading agile coach/trainer Marc Loeffler combines practical guidance, proven practices, and innovative approaches for maximizing the value of retrospectives for your team—and your entire organization. You can apply his powerful techniques in any project, agile or otherwise. These techniques offer exceptional value wherever continuous improvement is needed: from “lessons-learned” workshops in traditional project management to enterprise-wide change management. Loeffler’s detailed, results-focused examples help you recognize and overcome common pitfalls, adapt retrospectives to your unique needs, and consistently achieve tangible results. Throughout, he integrates breakthrough concepts, such as using experimentation and learning from system thinking. He presents small ideas that make a big difference—because they’re deeply grounded in real experience.

- Learn from failures and successes, and make good things even better
- Master facilitation techniques that help you achieve your goals (and have fun doing it)
- Prepare your retrospective so it runs smoothly
- Practice techniques for generating actionable insights
- Keep your retrospectives fresh and interesting
- Perform retrospectives that address the entire system, not just your team
- Focus on your “better future” with

solution-focused retrospectives • Learn how to avoid typical pitfalls when facilitating retrospectives • Lead retrospectives across multiple distributed teams • Use retrospectives to support large-scale change

**Your Role in Creating Cultures of Belonging Where Everyone Can Thrive** Addison-Wesley Professional

In *Improving Software Development Productivity*, legendary software engineering expert Dr. Randall Jensen introduces a proven quantitative approach to achieving high productivity through management support, the ability to communicate, and technology. Jensen demonstrates how to measure organizational capacity and productivity, and use that information to build more accurate estimates and schedules -- and, more broadly, to improve many facets of developer and team performance. Students will learn to quantitatively predict the productivity impact of management decisions related to personnel and management style, development environment, product constraints, technology, development systems, and more.

**Aligning Principles, Practices, and Culture** Simon and Schuster

Digital transformation is not about technology--it's about change. In the rapidly changing digital economy, you can't succeed by merely tweaking management practices that led to past success. And yet, while many leaders and managers recognize the threat from digital--and the potential opportunity--they lack a common language and compelling framework to help them assess it and guide them in responding. They don't know how to think about their digital business model. In this concise, practical book, MIT digital research leaders Peter Weill and Stephanie Woerner provide a powerful yet straightforward framework that has been field-tested globally with dozens of senior management teams. Based on years of study at the MIT Center for Information Systems Research (CISR), the authors find that digitization is moving companies' business models on two dimensions: from

value chains to digital ecosystems, and from a fuzzy understanding of the needs of end customers to a sharper one. Looking at these dimensions in combination results in four distinct business models, each with different capabilities. The book then sets out six driving questions, in separate chapters, that help managers and executives clarify where they are currently in an increasingly digital business landscape and highlight what's needed to move toward a higher-value digital business model. Filled with straightforward self-assessments, motivating examples, and sharp financial analyses of where profits are made, this smart book will help you tackle the threats, leverage the opportunities, and create winning digital strategies.

*Apache Pulsar in Action* Simon and Schuster

Summary Spring Roo in Action is a unique book that teaches you how to code Java in Roo, with a particular focus on Spring-based applications. Through hands-on examples, you'll learn how Roo creates well-formed application structures and supports best practices and tools. Plus, you'll get a quick-and-dirty guide to setting up Roo effectively in your environment. About the Technology Roo is a lightweight Java console shell that simplifies compile-time tasks. It improves productivity by enforcing correct coding practices and patterns and integrates with mainstream Java technologies, including ActiveMQ, GWT, JPA, and OSGi. And, when you finish coding, it gets out of the way so there's no runtime impact. About the Book Spring Roo in Action teaches you to code Java more efficiently using Roo. With the help of many examples, it shows you how to build application components from the database layer to the user interface. The book takes a test-first approach and points out how Roo can help automate many of the mundane details of coding Java apps. Along the way, you'll address important topics like security, messaging, and cloud computing. This book is for Java developers who want to get more productive by using Roo. 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. What's Inside Learn Roo from the ground up Integrate with existing projects Create custom add-ons Use Roo with Spring ===== Table of Contents PART 1 STARTING SPRING APPS RAPIDLY WITH ROO What is Spring Roo? Getting started with Roo PART 2 DATABASES AND ENTITIES Database persistence with entities Relationships, JPA, and advanced persistence PART 3 WEB DEVELOPMENT Rapid web applications with Roo Advanced web applications RIA and other web frameworks Configuring security PART 4 INTEGRATION Testing your application Enterprise services—email and messaging Roo add-ons Advanced add-ons and deployment PART 5 ROO IN THE CLOUD Cloud computing Workflow applications using Spring Integration

*Designing, Developing, and Deploying* Addison-Wesley Professional

Summary Spring Integration in Action is a hands-on guide to Spring-based messaging and integration. After addressing the core messaging patterns, such as those used in transformation and routing, the book turns to the adapters that enable integration with external systems. Readers will explore real-world enterprise integration scenarios using JMS, Web Services, file systems, and email. They will also learn about Spring Integration's support for working with XML. The book concludes with a practical guide to advanced topics such as concurrency, performance, system-management, and monitoring. The book features a foreword by Rod Johnson, Founder of the Spring Network. About the Technology Spring Integration extends the Spring Framework to support the patterns described in Gregor Hohpe and Bobby Woolf's *Enterprise Integration Patterns*. Like the Spring Framework itself, it focuses on developer productivity, making it easier to build, test, and maintain enterprise integration solutions. About the Book Spring Integration in Action is an introduction and guide to enterprise integration and messaging using the Spring Integration framework. The book starts off by reviewing core messaging patterns, such as those used in transformation and routing. It then drills down into real-world enterprise integration scenarios using JMS, Web Services, filesystems, email, and more. You'll find an emphasis on testing, along with practical coverage of topics like concurrency, scheduling, system management, and monitoring. This book is accessible to developers who know Java. Experience with Spring and EIP is helpful but not assumed. 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. What's Inside Realistic examples Expert advice from Spring Integration creators Detailed coverage of Spring Integration 2 features About the Authors Mark Fisher is the Spring Integration founder and project lead. Jonas Partner, Marius Bogoevici, and Iwein Fuld have all been project committers and are recognized experts on Spring and Spring Integration. Table of Contents PART 1 BACKGROUND Introduction to Spring Integration Enterprise integration fundamentals 24 PART 2 MESSAGING Messages and channels Message Endpoints Getting down to business Go beyond sequential processing: routing and filtering Splitting and aggregating messages PART 3 INTEGRATING SYSTEMS Handling messages with XML payloads Spring Integration and the Java Message Service Email-based integration Filesystem integration Spring Integration and web services Chatting and tweeting PART 4 ADVANCED TOPICS Monitoring and management Managing scheduling and concurrency Batch applications and enterprise integration Scaling messaging applications with OSGi Testing

**Improving Software Development Productivity** Simon and Schuster

In this new book, Frederick Chavalit Tsao and Chris Laszlo argue that current approaches to leadership fail to produce positive outcomes for either businesses or the communities they serve. Employee disengagement and customer fickleness remain high, resulting in a lack of creativity and collaboration at all levels of entrepreneurial activity. Investor demand for Environmental, Social, and Governance (ESG) continues to be poorly integrated into profit strategies. Drawing on extensive research, this book shows how changing a person's consciousness is the most powerful lever for unlocking his or her leadership potential to create wealth and serve humankind. A wide range of practices of connectedness provide the keys. The journey to higher consciousness changes people at a deep intuitive level, combining embodied experience with analytic-cognitive skill development. Tsao and Laszlo show how leaders who pursue this journey are more likely to flourish with significant benefits to both business and society. These include greater creativity and collaboration along with an increased capability to inspire people and produce lasting change. Readers will come away with a deep understanding of quantum leadership and the day-to-day practices that can help them achieve greater effectiveness and wellbeing at work.

**How to Lead in Product Management: Practices to Align Stakeholders, Guide Development Teams, and Create Value Together** Simon and Schuster

Understand the key challenges and solutions around building microservices in the enterprise application environment. This book provides a comprehensive understanding of microservices architectural principles and how to use microservices in real-world scenarios. Architectural challenges using microservices with service integration and API management are presented and you learn how to eliminate the use of centralized integration

products such as the enterprise service bus (ESB) through the use of composite/integration microservices. Concepts in the book are supported with use cases, and emphasis is put on the reality that most of you are implementing in a “brownfield” environment in which you must implement microservices alongside legacy applications with minimal disruption to your business. Microservices for the Enterprise covers state-of-the-art techniques around microservices messaging, service development and description, service discovery, governance, and data management technologies and guides you through the microservices design process. Also included is the importance of organizing services as core versus atomic, composite versus integration, and API versus edge, and how such organization helps to eliminate the use of a central ESB and expose services through an API gateway. What You'll Learn Design and develop microservices architectures with confidence Put into practice the most modern techniques around messaging technologies Apply the Service Mesh pattern to overcome inter-service communication challenges Apply battle-tested microservices security patterns to address real-world scenarios Handle API management, decentralized data management, and observability Who This Book Is For Developers and DevOps engineers responsible for implementing applications around a microservices architecture, and architects and analysts who are designing such systems

*Strategies for Building Successful Teams and Organizations* Simon and Schuster

Your team is stressed; priorities are unclear. You're not sure what your teammates are working on, and management isn't helping. If your team is struggling with any of these symptoms, these four case studies will guide you to project success. See how Kanban was used to significantly improve time to market and to create a shared focus across marketing, IT, and operations. Each case study comes with illustrations of the Kanban board and diagrams and graphs to help you see behind the scenes. Learn a Lean approach by seeing how Kanban made a difference in four real-world situations. You'll explore how four different teams used Kanban to make paradigm-changing improvements in software development. These teams were struggling with overwork, unclear priorities, and lack of direction. As you discover what worked for them, you'll understand how to make significant changes in real situations. The four case studies in this book explain how to: Improve the full value chain by using Enterprise Kanban Boost engagement, teamwork, and flow in change management and operations Save a derailing project with Kanban Help an office team outside IT keep up with growth using Kanban What seems easy in theory can become tangled in practice. Discover why "improving IT" can make you miss your biggest improvement opportunities, and why you should focus on fixing quality and front-end operations before IT. Discover how to keep long-term focus and improve across department borders while dealing with everyday challenges. Find out what happened when using Kanban to find better ways to do work in a well-established company, including running multi-team development without a project office. You'll inspire your team and engage management to make it easier to develop better products. What You Need: This is a case study book, so there are no software requirements. The book covers the relevant bits of theory before presenting the case studies.

*Effective Leadership and Quantitative Methods in Software Management* Packt Publishing Ltd

Insights into the true history of cyber warfare, and the strategies, tactics, and cybersecurity tools that can be used to better defend yourself and your organization against cyber threat. Key Features Define and determine a cyber-defence strategy based on current and past real-life examples Understand how future technologies will impact cyber warfare campaigns and society Future-ready yourself and your business against any cyber threat Book Description The era of cyber warfare is now upon us. What we do now and how we determine what we will do in the future is the difference between whether our businesses live or die and whether our digital self survives the digital battlefield. Cyber Warfare – Truth, Tactics, and Strategies takes you on a journey through the myriad of cyber attacks and threats that are present in a world powered by AI, big data, autonomous vehicles, drones video, and social media. Dr. Chase Cunningham uses his military background to provide you with a unique perspective on cyber security and warfare. Moving away from a reactive stance to one that is forward-looking, he aims to prepare people and organizations to better defend themselves in a world where there are no borders or perimeters. He demonstrates how the cyber landscape is growing infinitely more complex and is continuously evolving at the speed of light. The book not only covers cyber warfare, but it also looks at the political, cultural, and geographical influences that pertain to these attack methods and helps you understand the motivation and impacts that are likely in each scenario. Cyber Warfare – Truth, Tactics, and Strategies is as real-life and up-to-date as cyber can possibly be, with examples of actual attacks and defense techniques, tools, and strategies presented for you to learn how to think about defending your own systems and data. What you will learn Hacking at scale – how machine learning (ML) and artificial intelligence (AI) skew the battlefield Defending a boundaryless enterprise Using video and audio as weapons of influence Uncovering DeepFakes and their associated attack vectors Using voice augmentation for exploitation Defending when there is no perimeter Responding tactically to counter-campaign-based attacks Who this book is for This book is for any engineer, leader, or professional with either a responsibility for cyber security within their organizations, or an interest in working in this ever-growing field.

Manning Publications

Agile and lean aren't just business buzzwords – they're the fast and efficient methodologies you need to change the way you work – for good. Work faster, think clearer and improve your agility, both professionally and personally, with a suite of powerful tools that will introduce you to the essential skills and mindsets of agile and lean and quickly encourage you to start thinking differently. Ø Get up to speed: learn all about agile and lean and how they can work for you Ø Stop wasting time: think smart, act fast, be adaptable and get more done Ø Be efficient: spot opportunities, maximise your resources and blast through barriers Ø Get results: maximise quality and value and turn your ideas into reality For a clear, collaborative and more enjoyable way to work, start being agile – today!

**Lessons Learned from Programming Over Time** Addison-Wesley Professional

Leading a fast-growing team is a uniquely challenging experience. Startups with a hot product often double or triple in size quickly—a recipe for chaos if company leaders aren't prepared for the pitfalls of hyper-growth. If you're leading a startup or a new team between 10 and 150 people, this guide provides a practical approach to managing your way through these challenges. Each section covers essential strategies and tactics for managing growth, starting with a single team and exploring typical scaling points as the team grows in size and complexity. The book also provides many examples and lessons learned, based on the authors' experience and interviews with industry leaders. Learn how to make the most of: Hiring: Learn a scalable hiring process for growing your team People management: Use 1-on-1 mentorship, dispute resolution, and other techniques to ensure your

team is happy and productive Organization: Motivate employees by applying five organizational design principles Culture: Build a culture that can evolve as you grow, while remaining connected to the team's core values Communication: Ensure that important information—and only the important stuff—gets through

[Slowing Down, Looking Inward, Taking Action](#) Springer Nature

"Scaling Lean offers an invaluable blueprint for modeling startup success. You'll learn the essential metrics that measure the output of a working business model, give you the pulse of your company, communicate its health to investors, and enable you to make precise interventions when things go wrong, "--Amazon.com.

**ActiveMQ in Action** Lulu.com

Summary Go in Action introduces the Go language, guiding you from inquisitive developer to Go guru. The book begins by introducing the unique features and concepts of Go. Then, you'll get hands-on experience writing real-world applications including websites and network servers, as well as techniques to manipulate and convert data at speeds that will make your friends jealous. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Application development can be tricky enough even when you aren't dealing with complex systems programming problems like web-scale concurrency and real-time performance. While it's possible to solve these common issues with additional tools and frameworks, Go handles them right out of the box, making for a more natural and productive coding experience. Developed at Google, Go powers nimble startups as well as big enterprises—companies that rely on high-performing services in their infrastructure. About the Book Go in Action is for any intermediate-level developer who has experience with other programming languages and wants a jump-start in learning Go or a more thorough understanding of the language and its internals. This book provides an intensive, comprehensive, and idiomatic view of Go. It focuses on the specification and implementation of the language, including topics like language syntax, Go's type system, concurrency, channels, and testing. What's Inside Language specification and implementation Go's type system Internals of Go's data structures Testing and benchmarking About the Reader This book assumes you're a working developer proficient with another language like Java, Ruby, Python, C#, or C++. About the Authors William Kennedy is a seasoned software developer and author of the blog GoingGo.Net. Brian Ketelsen and Erik St. Martin are the organizers of GopherCon and coauthors of the Go-based Skynet framework. Table of Contents Introducing Go Go quick-start Packaging and tooling Arrays, slices, and maps Go's type system Concurrency Concurrency patterns Standard library Testing and benchmarking

[Domain-Driven Design Quickly](#) Simon and Schuster

Today's tech unicorns develop software differently. They've developed a way of working that lets them scale like an enterprise while working like a startup. These techniques can be learned. This book takes you behind the scenes and shows you how companies like Google, Facebook, and Spotify do it. Leverage their insights, so your teams can work better together, ship higher-quality product faster, innovate more quickly, and compete with the unicorns. Massively successful tech companies, or Unicorns, have discovered how to take the techniques that made them successful as a startup and scale them to the enterprise level. Amazon, Facebook, Google, and Spotify all work like startups, despite having workforces numbering in the tens of thousands. Ex-Spotify engineer and coach, Jonathan Rasmusson, takes you behind the scenes and shows you how to develop software the way the best companies do it. Learn how to give teams purpose through Missions, empower and trust with Squads, and align large scale efforts through Bets. Create the culture necessary to make it happen. If you're a tech or product lead and you want to ship product better, this is your playbook on how the world's best do it. If you're an engineer, tester, analyst, or project manager, and you suspect there are better ways you could be working, you are correct. This book will show you how. And if you're a manager, Agile coach, or someone just charged with improving how your company ships software, this book will give you the tools, techniques, and practices of the world's most innovative, delivery-focused companies. Don't just admire the top companies - learn from them.

**Scaling Teams** Pichler Consulting

This book will help you become a better product leader. Benefitting from Roman Pichler's extensive experience, you will learn how to align stakeholders and guide development teams even in challenging circumstances, avoid common leadership mistakes, and grow as a leader. Written in an engaging and easily accessible style, How to Lead in Product Management offers a wealth of practical tips and strategies. Through helpful examples, the book illustrates how you can directly apply the techniques to your work. Coverage includes: \* Choosing the right leadership style \* Cultivating empathy, building trust, and influencing others \* Increasing your authority and empowering others \* Directing stakeholders and development teams through common goals \* Making decisions that people will support and follow through \* Successfully resolving disputes and conflicts even with senior stakeholders \* Listening deeply to discover and address hidden needs and interests \* Practising mindfulness and embracing a growth mindset to develop as a leader Praise for How to Lead in Product Management: "Roman has done it again, delivering a practical book for the product management community that appeals to both heart and mind. How to Lead in Product Management is packed with concise, direct, and practical advice that addresses the deeper, personal aspects of the product leadership. Roman's book shares wisdom on topics including goals, healthy interactions with stakeholders, handling conflict, effective conversations, decision-making, having a growth mindset, and self-care. It is a must read for both new and experienced product people." ~Ellen Gottesdiener, Product Coach at EBG Consulting "Being a great product manager is tough. It requires domain knowledge, industry knowledge, technical skills, but also the skills to lead and inspire a team. Roman Pichler's How to Lead in Product Management is the best book I've read for equipping product managers to lead their teams." ~Mike Cohn, Author of Succeeding with Agile, Agile Estimating and Planning, and User Stories Applied "This is the book that has been missing for product people. Roman has created another masterpiece, a fast read with lots of value. It's a must read for every aspiring product manager." ~Magnus Billgren, CEO of Tolpagorni Product Management "How Lead in Product Management is for everyone who manages a product or drives important business decisions. Roman lays out the key challenges of product leadership and shows us ways of thoughtfully working with team members, stakeholders, partners, and the inevitable conflicts." ~Rich Mironov, CEO of Mironov Consulting and "Smokejumper" Head of Product

**Kanban and Scrum - Making the Most of Both** O'Reilly Media, Inc."

Summary Elastic leadership is a framework and philosophy that can help you as you manage day-to-day and long-term challenges and strive to

create the elusive self-organizing team. It is about understanding that your leadership needs to change based on which phase you discover that your team is in. This book provides you with a set of values, techniques, and practices to use in your leadership role. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Your team looks to you for guidance. You have to mediate heated debates. The team is constantly putting out fires instead of doing the right things, the right way. Everyone seems to want to do things correctly, but nobody seems to be doing so. This is where leaders get stuck. It's time to get unstuck! Elastic leadership is a novel approach that helps you adapt your leadership style to the phase your team is in, so you can stay in step as things change. About the Book Elastic Leadership is a practical, experience-driven guide to team leadership. In it, you'll discover a set of values, techniques, and practices to lead your team to success. First, you'll learn what elastic leadership is and explore the phases of this results-oriented framework. Then, you'll see it in practice through stories, anecdotes, and advice provided by successful leaders in a variety of disciplines, all annotated by author and experienced team leader, Roy Osherove. What's Inside Understanding why people do what they do Effective coaching Influencing team members and managers Advice from industry leaders About the Reader This book is for anyone with a year or more of experience working on a team as a lead or team member. About the Author Roy Osherove is the DevOps process lead for the West Coast at EMC, based in California. He is also the author of The Art of Unit Testing (Manning, 2013) and Enterprise DevOps. He consults and trains teams worldwide on the gentle art of leadership, unit testing, test-driven development, and continuous-delivery automation. He frequently speaks at international conferences on these topics and others. Table of Contents PART 1 - UNDERSTANDING ELASTIC LEADERSHIP Striving toward a Team Leader Manifesto Matching leadership styles to team phases Dealing with bus factors PART 2 - SURVIVAL MODE Dealing with survival mode PART 3 - LEARNING MODE Learning to learn Commitment language Growing people PART 4 - SELF-ORGANIZATION MODE Using clearing meetings to advance self-organization Influence patterns The Line Manager Manifesto PART 5 - NOTES TO A SOFTWARE TEAM LEADER Feeding back Channel conflict into learning It's probably not a technical problem Review the code Document your air, food, and water Appraisals and agile don't play nicely Leading through learning: the responsibilities of a team leader Introduction to the Core Protocols Change your mind: your product is your team Leadership and the mature team Spread your workload Making your team manage their own work Go see, ask why, show respect Keep developers happy, reap high-quality work Stop doing their work Write code, but not too much Evolving from manager to leader Affecting the pace of change Proximity management Babel Fish You're the lead, not the know-it-all Actions speak louder than words

[Micro Frontends in Action](#) FT Press

Node.js in Action Simon and Schuster

[How the World's Best Companies Ship Software and Work Differently](#) O'Reilly Media

We know why diversity is important, but how do we drive real change at work? Diversity and inclusion expert Jennifer Brown provides a step-by-step guide for the personal and emotional journey we must undertake to create an inclusive workplace where everyone can thrive. Human potential is unleashed when we feel like we belong. That's why inclusive workplaces experience higher engagement, performance, and profits. But the reality is that many people still feel unable to bring their true selves to work. In a world where the talent pool is becoming increasingly diverse, it's more important than ever for leaders to truly understand how to support inclusion. Drawing on years of work with many leading organizations, Jennifer Brown shows what leaders at any level can do to spark real change. She guides readers through the Inclusive Leader Continuum, a set of four developmental stages: unaware, aware, active, and advocate. Brown describes the hallmarks of each stage, the behaviors and mind-sets that inform it, and what readers can do to keep progressing. Whether you're a powerful CEO or a new employee without direct reports, there are actions you can take that can drastically change the day-to-day reality for your colleagues and the trajectory of your organization. Anyone can—and should—be an inclusive leader. Brown lays out simple steps to help you understand your role, boost your self-awareness, take action, and become a better version of yourself in the process. This book will meet you where you are and provide a road map to create a workplace of greater mutual understanding where everyone's talents can shine.

*Microservices for the Enterprise* Simon and Schuster

Apache Tuscany is a free, open source project that helps users develop Service Oriented Architecture (SOA) solutions. It provides a lightweight infrastructure that implements Service Component Architecture (SCA) and provides seamless integration with other technologies. Tuscany in Action is a comprehensive, hands-on guide for developing enterprise applications using Apache Tuscany's lightweight SCA infrastructure. The book uses practical examples to demonstrate how to develop applications with the open source Tuscany SCA. Readers will learn how to model, compose, and manage applications. Detailed explanations of how to use the various features of Apache Tuscany for protocol handling and developing components are presented. Readers will also learn how to extend Apache Tuscany to support new programming environments and communication protocols. 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.

[Mastering the Key Metrics for Startup Growth](#) Node.js in Action

Deliver lightning fast and reliable messaging for your distributed applications with the flexible and resilient Apache Pulsar platform. In Apache Pulsar in Action you will learn how to: Publish from Apache Pulsar into third-party data repositories and platforms Design and develop Apache Pulsar functions Perform interactive SQL queries against data stored in Apache Pulsar Apache Pulsar in Action is a comprehensive and practical guide to building high-traffic applications with Pulsar. You'll learn to use this mature and battle-tested platform to deliver extreme levels of speed and durability to your messaging. Apache Pulsar committer David Kjerrumgaard teaches you to apply Pulsar's seamless scalability through hands-on case studies, including IOT analytics applications and a microservices app based on Pulsar functions. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Reliable server-to-server messaging is the heart of a distributed application. Apache Pulsar is a flexible real-time messaging platform built to run on Kubernetes and deliver the scalability and resilience required for cloud-based systems. Pulsar supports both streaming and message queuing, and unlike other solutions, it can communicate over multiple protocols including MQTT, AMQP, and Kafka's binary protocol. About the book Apache Pulsar in Action teaches you to build scalable streaming messaging systems using Pulsar. You'll start with a rapid introduction to enterprise messaging and discover the unique benefits of Pulsar. Following crystal-clear

explanations and engaging examples, you'll use the Pulsar Functions framework to develop a microservices-based application. Real-world case studies illustrate how to implement the most important messaging design patterns. What's inside Publish from Pulsar into third-party data repositories and platforms Design and develop Apache Pulsar functions Create an event-driven food delivery application About the reader Written for experienced Java developers. No prior knowledge of Pulsar required. About the author David Kjerrumgaard is a committer on the Apache Pulsar project. He

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- Order Of Operations Pdf Worksheet : [click here](#)

currently serves as a Developer Advocate for StreamNative, where he develops Pulsar best practices and solutions. Table of Contents PART 1 GETTING STARTED WITH APACHE PULSAR 1 Introduction to Apache Pulsar 2 Pulsar concepts and architecture 3 Interacting with Pulsar PART 2 APACHE PULSAR DEVELOPMENT ESSENTIALS 4 Pulsar functions 5 Pulsar IO connectors 6 Pulsar security 7 Schema registry PART 3 HANDS-ON APPLICATION DEVELOPMENT WITH APACHE PULSAR 8 Pulsar Functions patterns 9 Resiliency patterns 10 Data access 11 Machine learning in Pulsar 12 Edge analytics