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Pro .NET Memory Management Konrad Kokosa 2018-11-12 Understand .NET memory management internal workings, pitfalls, and techniques in order to effectively avoid a wide range of performance and scalability problems in your software. Despite automatic memory management in .NET, there are many advantages to be found in understanding how .NET memory works and how you can best write software that interacts with it efficiently and effectively. Pro .NET Memory Management is your comprehensive guide to writing better software by understanding and working with memory management in .NET. Thoroughly vetted by the .NET Team at Microsoft, this book contains 25 valuable troubleshooting scenarios designed to help diagnose challenging memory problems. Readers will also benefit from a multitude of .NET memory management "rules" to live by that introduce methods for writing memory-aware code and the means for avoiding common, destructive pitfalls. What You'll LearnUnderstand the theoretical underpinnings of automatic memory management Take a deep dive into every aspect of .NET memory management, including detailed coverage of garbage collection (GC) implementation, that would otherwise take years of experience to acquire Get practical advice on how this knowledge can be applied in real-world software development Use practical knowledge of tools related to .NET memory management to diagnose various memory-related issuesExplore various aspects of advanced memory management, including use of Span and Memory types Who This Book Is For .NET developers, solution architects, and performance engineers

Making Every RE Lesson Count Dawn Cox 2021-02-01 Writing in the practical, engaging style of the award-winning Making Every Lesson Count, Louise and Dawn provide teachers of religious education with the means to help their pupils unpick the big questions of religious belief and practice, and of morality and philosophy - the things that make us human. Making Every RE Lesson Count is underpinned by six pedagogical principles - challenge, explanation, modelling, practice, feedback and questioning - and shares simple, realistic strategies that RE teachers can use to develop the teaching and learning in their classrooms. Each chapter explores a different principle in theory as well as in practice, and concludes with a series of questions that will inspire reflective thought and help teachers relate the content to their own work in the classroom. Furthermore, the book brings together two key strands in RE teaching - namely, what RE teachers teach and how they teach it - and the authors consider these strands through the disciplinary lenses of theology, philosophy and the social sciences. And, in doing so, Louise and Dawn place these disciplines at the heart of teaching and learning in the RE classroom. Written for new and experienced practitioners alike, Making Every RE Lesson Count will enable teachers to improve their students' conceptual and contextual understanding of the topics and themes explored across the breadth of the RE curriculum. Suitable for RE teachers of pupils aged 11 to 18.

Pro Microservices in .NET 6 Sean Whitesell 2022-01-16 Know the fundamentals of creating and deploying microservices using .NET 6 and gain insight from prescriptive guidance in this book on the when and why to incorporate them. The microservices architecture is a way of distributing process workloads to independent applications. This distribution allows for the independent applications to scale and evolve separately. It also enables developers to dismantle large applications into smaller, easier-to-maintain, scalable parts. While the return is valuable and the concept straightforward, applying it to an application is far more complicated. Where do you start? How do you find the optimal dividing point for your app, and strategically, how should your app be parceled out into separate services? Pro Microservices in .NET 6 will introduce you to all that and more. The authors get you started with an overview of microservices, .NET 6, event storming, and domain-driven design. You will use that foundational information to build a reference application throughout the book. From there, you will create your first microservice using .NET 6 that you can deploy into Docker and Azure Kubernetes Service. You will also learn about communication styles, decentralizing data, and testing microservices. Finally, you will learn about logging, metrics, tracing, and use that information for debugging. What You Will Learn Build a foundation of basic microservices architecture design Follow an example of using event storming and domain-driven design to understand the monolithic application modified for microservices Understand, via detailed commands, how Docker is used to containerize applications Get an overview of creating microservices from a monolithic application Call microservices using RPC and messaging

communication styles with MassTransit Comprehend decentralizing data and handling distributed transactions Use Azure Kubernetes Service to host and scale your microservices Know the methods to make your microservices more robust Discover testing techniques for RPC and messaging communication styles Apply the applications you build for actual use Practice cross-cutting concerns such as logging, metrics, and tracing Who This Book Is For Developers and software architects. Readers should have basic familiarity with Visual Studio and experience with .NET, ASP.NET Core, and C#.

Naet Guide Book Devi S. Nambudripad 1999-12-01

California Administrative Mandamus Mitchell E. Abbott 2003

Say Goodbye to Illness Devi S. Nambudripad 1999

Self Build Julian Owen 2004 This book, written by an experienced self build architect provides practical, step-by-step advice and guidance on how to build your own high quality, stylish home. Aimed at those who aspire to live in a tailor-made home that expresses their own style because existing houses for sale are either too dull or expensive, but who are daunted by the prospect. It dispels the myth that self-built houses either require you to get your hands dirty or result in little more than brick boxes.

Briggs Barry Briggs 2016-01-07 How do you start? How should you build a plan for cloud migration for your entire portfolio? How will your organization be affected by these changes? This book, based on real-world cloud experiences by enterprise IT teams, seeks to provide the answers to these questions. Here, you'll see what makes the cloud so compelling to enterprises; with which applications you should start your cloud journey; how your organization will change, and how skill sets will evolve; how to measure progress; how to think about security, compliance, and business buy-in; and how to exploit the ever-growing feature set that the cloud offers to gain strategic and competitive advantage.

Good Practice Guide: Making Successful Planning Applications Colin Haylock 2020-10 How do you obtain permission? How can you satisfactorily tackle objections? How can you convince planning officers of the value of your work? Drawing on substantial experience from both applicant and local planning authority perspectives, this book provides tactics and practical steps to help architects secure early validation of applications and successful outcomes. It's a practical guide to understanding the planning system and maximizing the potential for successful outcomes. Readers will develop a greater understanding of the principles that are vital in the preparation and negotiation of applications against the very complex detail of regulatory arrangements.

Learning Java Patrick Niemeyer 2002 A tutorial introducing Java basics covers programming principles, integrating applets with Web applications, and using threads, arrays, and sockets.

California Land Use Practice Adam U. Lindgren

Programming PHP Rasmus Lerdorf 2002-03-26 Explains how to use the open source scripting language to process and validate forms, track sessions, generate dynamic images, create PDF files, parse XML files, create secure scripts, and write C language extensions.

Professional ASP.NET MVC 4 Jon Galloway 2012-09-17 An outstanding author team presents the ultimate Wrox guide to ASP.NET MVC 4 Microsoft insiders join giants of the software development community to offer this in-depth guide to ASP.NET MVC, an essential web development technology. Experienced .NET and ASP.NET developers will find all the important information they need to build dynamic, data-driven websites with ASP.NET and the newest release of Microsoft's Model-View-Controller technology. Featuring step-by-step guidance and lots of code samples, this guide gets you started and moves all the way to advanced topics, using plenty of examples. Designed to give experienced .NET and ASP.NET programmers everything needed to work with the newest version of MVC technology Expert author team includes Microsoft ASP.NET MVC insiders as well as leaders of the programming community Covers controllers, views, models, forms and HTML helpers, data annotation and validation, membership, authorization, security, and routing Includes essential topics such as Ajax and jQuery, NuGet, dependency injection, unit testing, extending MVC, and Razor Includes additional real-world coverage requested by readers of the previous edition as well as a new case study example chapter

Mastering Azure Serverless Computing Abhishek Mishra 2020-09-03 A comprehensive guide that will teach you to build and implement Azure serverless solutions Key Features a- Learn the Function as a Service (FaaS) offering from Microsoft Azure a- Build Enterprise-grade workflows and integration using Azure Logic App a- Build event-driven Serverless solutions using Azure Event Grid a- Use Azure Service Bus to facilitate messaging between Azure Serverless components a- Implement advanced Serverless services such as Azure Serverless SQL Database and Azure Serverless Kubernetes Description The book starts with the basic concepts of Serverless Computing, its evolution, characteristics, and benefits. The next set of chapters is based on Azure Function as a Service (FaaS) programming model where you will gain proficiency in creating Serverless Azure Function, which is the basic unit of Azure Serverless Computing. Furthermore, the book focuses on building Azure Serverless Messaging, Integration, and Workflow that facilitates communication between components in the Azure Serverless ecosystem. Azure Logic Apps, Azure Event Grid, and Azure Service Bus are explained in detail. You will also work with advanced Azure Serverless services such as Azure Serverless Database and Azure Serverless Kubernetes that are essential for building highly scalable (at runtime) next-generation Serverless applications. Towards the end, the book focuses on reference

architectures for Serverless Computing scenarios. By now, you will be proficient in working with Azure Serverless components, and their integration and can design and build an end to end Azure Serverless solution. What will you learn a- Design and implement Serverless workflows using Azure Logic Apps a- Design and implement Integration Services using Azure Event Grid a- Learn how to build Messaging Services on Azure Serverless platform a- Work with Azure Serverless SQL database a- Get familiar with Azure Serverless Kubernetes Architecture Who this book is for Anyone familiar with Cloud Fundamentals can use this book to get upskilled in Azure Serverless Computing and become an expert in it. Architects and Developers proficient in Microsoft Azure can use this book to learn Azure Serverless Computing and apply the knowledge gained to design and build solutions in this area. Table of Contents 1. Introduction to Azure Serverless Computing 2. Azure Functions 3. Azure Durable Functions 4. Azure Logic Apps 5. Azure Event Grid 6. Azure Service Bus 7. Azure Serverless SQL Database 8. Azure Serverless Kubernetes 9. Designing Azure Serverless Solutions 10. Implementing Azure Serverless Solutions About the Author Abhishek Mishra is an Architect with a leading Fortune 500 software multinational company and has deep expertise in designing and building Enterprise-grade Intelligent Azure and .NET based architectures. He is an expert in .NET Full-stack, Azure (PaaS, IaaS, Serverless), Infrastructure as Code, Azure Machine Learning, Intelligent Azure (Azure Bot Services and Cognitive Services) and Robotics Process Automation. He has a rich 14+ years of experience working across top organizations in the industry. He loves blogging and is an active blogger on C# Corner. He has been awarded C# Corner Most Valuable Professional (MVP) - December 2018 and December 2019 two times in a row for his contributions to the developer community. He is an active speaker and delivers sessions on Azure. He has spoken in leading conferences like nopCommerce Days 2019 Mumbai, C# Corner Pune Conference 2019, Global Power Platform Bootcamp Pune, and many more. Certifications to his credit - TOGAF Certified, Microsoft Certified Solutions Associate in Machine Learning, Microsoft Certified Azure Developer Associate, and many more. Your Blog links: https://www.c-sharpcorner.com/members/abhishek-mishra16 Your LinkedIn Profile: https://www.linkedin.com/in/abhishek-mishra-4890909

Hacking- The art Of Exploitation J. Erickson 2018-03-06 This text introduces the spirit and theory of hacking as well as the science behind it all; it also provides some core techniques and tricks of hacking so you can think like a hacker, write your own hacks or thwart potential system attacks.

.NET DevOps for Azure Jeffrey Palermo 2019-10-21 Use this book as your one-stop shop for architecting a world-class DevOps environment with Microsoft technologies. .NET DevOps for Azure is a synthesis of practices, tools, and process that, together, can equip a software organization to move fast and deliver the highest quality software. The book begins by discussing the most common challenges faced by developers in DevOps today and offers options and proven solutions on how to implement DevOps for your team. Daily, millions of developers use .NET to build and operate mission-critical software systems for organizations around the world. While the marketplace has scores of information about the technology, it is completely up to you to put together all the blocks in the right way for your environment. This book provides you with a model to build on. The relevant principles are covered first along with how to implement that part of the environment. And while variances in tools, language, or requirements will change the needed implementation, the DevOps model is the architecture for the working environment for your team. You can modify parts of the model to customize it to your enterprise, but the architecture will enable all of your teams and applications to accelerate in performance. What You Will Learn Get your .NET applications into a DevOps environment in AzureAnalyze and address the part of your DevOps process that causes delays or bottlenecksTrack code using Azure Repos and conduct acceptance testsApply the rules for segmenting applications into Git repositoriesUnderstand the different types of builds and when to use eachKnow how to think about code validation in your DevOps environmentProvision and configure environments; deploy release candidates across the environments in AzureMonitor and support software that has been deployed to a production environment Who This Book Is For .NET Developers who are using or want to use DevOps in Azure but don't know where to begin

Getting Started with Flex 3 Jack D. Herrington 2008-06-24 Discover how easy RIA development can be with this one-of-a-kind handbook from the Adobe Developer Library. Several clear, step-by-step mini-tutorials teach you about web services, event handling, designing user interfaces with reusable components, and more. After finishing this guide, you'll be able to build Flash applications ranging from widgets to full-featured RIAs using the Flex SDK and Flex Builder 3.0. With Getting Started with Flex 3, you will: Walk through sample RIA projects and see examples of amazing applications people have built with Flex Work with ActionScript 3.0 and the MXML markup language Build user interfaces using the controls and tools available with the framework Get a tour of controls available commercially and through open source Learn how Flex integrates with ASP.NET, ColdFusion, PHP, and J2EE in the server Build Flex-based widgets that let you display real-time data Use advanced controls to build 3D graphs, data dashboards, mapping applications, and more You'll find complete code for video players, a slideshow, a chat client, and an RSS reader, just to name a few. You also get plenty of tips, tricks, and techniques to leverage your existing programming skills, whether you come from an open source or Visual Studio-intensive background.

Serverless Computing Using Azure Functions Varun Kumar 2021-07-26 A complete end-to-end guide to implement Azure

Functions and serverless orchestration with the help of various use cases. KEY FEATURES   Step-by-step guide along with code snippets and screenshots to master the topics.   Easy handbook to brush up the fundamental concepts and advanced topics of Serverless computing.   Includes real use-cases and numerous scenarios on creating Azure functions, its security, deployment, and troubleshooting them.   Understand how to monitor, troubleshoot, and perform advanced level diagnostics on Azure functions. DESCRIPTION Serverless is the current ongoing trend in the cloud industry that allows you to focus on code without worrying about the underlying infrastructure and helps in cost optimizations by providing pay for what you use. This book provides a practical mentoring with a step-by-step guide on how to create and work on Azure functions. You will be benefited with various use cases, illustrations, and visual representation to address complex problems around serverless computing. The book will help you to integrate Azure functions with other Azure services, seamlessly, without the need of writing much code. The book brings exclusive coverage on managing the deployment and security of the Azure functions. You will learn how to use different methods to monitor the Azure functions and how to perform correct diagnostics and troubleshooting without the use of any third-party integrations. Towards the end of this book, you also learn to create rich dashboards and visualizations using Power BI to monitor and run analytics on Azure functions. WHAT YOU WILL LEARN   Learn to easily create Azure functions using multiple tools and options.   Learn to use triggers and bindings for integrating Azure functions with other Azure services.   Get to know how to orchestrate the serverless workflow using Azure Durable functions.   Learn to practice security mechanisms to secure Azure functions in the production environment.   Learn to build CD pipelines for deploying Azure functions using DevOps tools. WHO THIS BOOK IS FOR This book is for developers, DevOps engineers, technical specialists, architects and consultants at all levels, who want to build and deploy serverless applications with Azure functions. Some prior experience with C# (for developers) and fundamental Microsoft Azure services will help you to make the most of this book. However, the book is intended for each type of cloud-specific role. TABLE OF CONTENTS 1. Overview of Azure and Serverless Computing 2. Introduction to Azure Functions 3. Creating Your First Function 4. Azure Functions Triggers and Bindings 5. Durable Functions and Orchestration 6. Configuring Security for Azure Functions Security 7. Continuous Deployment for Azure Functions 8. Troubleshooting and Monitoring Azure Functions

How To Manage Remote Servers with Ansible Erika Heidi 2021-02-17

Future Office Nicola Gillen 2019-07-15 The office is dead. Long live the office. Despite decades of predictions that the office is on the verge of extinction, it is surviving and thriving. Of course, things are changing. And changing fast. Digital technologies are transforming not only the work we do, but also the ways our workplaces are designed, built and operated. Automation and AI mean that some jobs will no longer exist whilst others will be created. But the very essence of the workplace — human interaction and collaboration, remains as necessary as ever. In fact, it is the human focus that is driving this new age, with four generations now in the workplace together for the first time. Taking an interdisciplinary approach, this book discusses the impacts of these changes on the future of work and workplace. The latest technologies are also explored from voice and digital twins, to new materials such as graphene and battery-powered buildings.

Shouldn't We All Be Developers? Roger Zogolovitch 2015-06-24 Solidspace founder Roger Zogolovitch studied at the Architectural Association in London between 1965 and 1971. Zogolovitch has seen the business of architecture from all sides, as architect, client and developer, and set up Solidspace as a vehicle to develop interstitial sites not otherwise recognised as suitable for inner city development. The Solidspace approach encourages collaboration with other architects - partnerships include those with de Rijke Marsh Morgan Architects, Mole Architects and Stephen Taylor Architects. Solidspace schemes are concerned with varied plans and sections, in order to open up small sites to larger footprints through interconnected spaces - borrowing, in part, from the history of Modern architecture, and ideas of the ?raumplan' and ?architectural promenade'.

Mastering Azure Serverless Computing Abhishek Mishra 2020-07-31 A comprehensive guide that will teach you to build and implement Azure serverless solutions Ê KEY FEATURESÊ - Learn the Function as a Service (FaaS) offering from Microsoft Azure - Build Enterprise-grade workflows and integration using Azure Logic App - Build event-driven Serverless solutions using Azure Event Grid - Use Azure Service Bus to facilitate messaging between Azure Serverless components - Implement advanced Serverless services such as Azure Serverless SQL Database and Azure Serverless Kubernetes Ê DESCRIPTIONÊ The book starts with the basic concepts of Serverless Computing, its evolution, characteristics, and benefits. The next set of chapters is based on Azure Function as a Service (FaaS) programming model where you will gain proficiency in creating Serverless Azure Function, which is the basic unit of Azure Serverless Computing. Furthermore, the book focuses on building Azure Serverless Messaging, Integration, and Workflow that facilitates communication between components in the Azure Serverless ecosystem. Azure Logic Apps, Azure Event Grid, and Azure Service Bus are explained in detail. You will also work with advanced Azure Serverless services such as Azure Serverless Database and Azure Serverless Kubernetes that are essential for building highly scalable (at runtime) next-generation Serverless applications. Towards the end, the book focuses on reference architectures for Serverless Computing scenarios.Ê Ê Ê By now, you will be proficient in working with Azure Serverless components, and their integration and can design and build an end to end Azure Serverless

solution. Ê WHAT WILL YOU LEARNÊ Ê Ê - Design and implement Serverless workflows using Azure Logic Apps - Design and implement Integration Services using Azure Event Grid - Learn how to build Messaging Services on Azure Serverless platform - Work with Azure Serverless SQL database - Get familiar with Azure Serverless Kubernetes Architecture Ê WHO THIS BOOK IS FORÊ Ê Anyone familiar with Cloud Fundamentals can use this book to get upskilled in Azure Serverless Computing and become an expert in it. Architects and Developers proficient in Microsoft Azure can use this book to learn Azure Serverless Computing and apply the knowledge gained to design and build solutions in this area. Ê TABLE OF CONTENTS 1.Ê Introduction to Azure Serverless Computing 2.Ê Azure Functions 3.Ê Azure Durable Functions 4.Ê Azure Logic Apps 5.Ê Azure Event Grid 6.Ê Azure Service Bus 7.Ê Azure Serverless SQL Database 8.Ê Azure Serverless Kubernetes 9.Ê Designing Azure Serverless Solutions 10. Implementing Azure Serverless Solutions

The Pragmatic Programmer Andrew Hunt 1999-10-20 What others in the trenches say about The Pragmatic Programmer... " The cool thing about this book is that it' s great for keeping the programming process fresh. The book helps you to continue to grow and clearly comes from people who have been there." —Kent Beck, author of Extreme Programming Explained: Embrace Change " I found this book to be a great mix of solid advice and wonderful analogies!" —Martin Fowler, author of Refactoring and UML Distilled " I would buy a copy, read it twice, then tell all my colleagues to run out and grab a copy. This is a book I would never loan because I would worry about it being lost." —Kevin Ruland, Management Science, MSG-Logistics " The wisdom and practical experience of the authors is obvious. The topics presented are relevant and useful.... By far its greatest strength for me has been the outstanding analogies—tracer bullets, broken windows, and the fabulous helicopter-based explanation of the need for orthogonality, especially in a crisis situation. I have little doubt that this book will eventually become an excellent source of useful information for journeymen programmers and expert mentors alike." —John Lakos, author of Large-Scale C++ Software Design " This is the sort of book I will buy a dozen copies of when it comes out so I can give it to my clients." —Eric Vought, Software Engineer " Most modern books on software development fail to cover the basics of what makes a great software developer, instead spending their time on syntax or technology where in reality the greatest leverage possible for any software team is in having talented developers who really know their craft well. An excellent book." —Pete McBreen, Independent Consultant " Since reading this book, I have implemented many of the practical suggestions and tips it contains. Across the board, they have saved my company time and money while helping me get my job done quicker! This should be a desktop reference for everyone who works with code for a living." —Jared Richardson, Senior Software Developer, iRenaissance, Inc. " I would like to see this issued to every new employee at my company...." —Chris Cleeland, Senior Software Engineer, Object Computing, Inc. " If I' m putting together a project, it' s the authors of this book that I want. . . . And failing that I' d settle for people who' ve read their book." —Ward Cunningham Straight from the programming trenches, The Pragmatic Programmer cuts through the increasing specialization and technicalities of modern software development to examine the core process--taking a requirement and producing working, maintainable code that delights its users. It covers topics ranging from personal responsibility and career development to architectural techniques for keeping your code flexible and easy to adapt and reuse. Read this book, and you'll learn how to Fight software rot; Avoid the trap of duplicating knowledge; Write flexible, dynamic, and adaptable code; Avoid programming by coincidence; Bullet-proof your code with contracts, assertions, and exceptions; Capture real requirements; Test ruthlessly and effectively; Delight your users; Build teams of pragmatic programmers; and Make your developments more precise with automation. Written as a series of self-contained sections and filled with entertaining anecdotes, thoughtful examples, and interesting analogies, The Pragmatic Programmer illustrates the best practices and major pitfalls of many different aspects of software development. Whether you're a new coder, an experienced programmer, or a manager responsible for software projects, use these lessons daily, and you'll quickly see improvements in personal productivity, accuracy, and job satisfaction. You'll learn skills and develop habits and attitudes that form the foundation for long-term success in your career. You'll become a Pragmatic Programmer.

California Easements and Boundaries 2008

Java: The Complete Reference, Eleventh Edition Herbert Schildt 2018-12-14 The Definitive Java Programming Guide Fully updated for Java SE 11, Java: The Complete Reference, Eleventh Edition explains how to develop, compile, debug, and run Java programs. Best-selling programming author Herb Schildt covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You' ll also find information on key portions of the Java API library, such as I/O, the Collections Framework, the stream library, and the concurrency utilities. Swing, JavaBeans, and servlets are examined and numerous examples demonstrate Java in action. Of course, the very important module system is discussed in detail. This Oracle Press resource also offers an introduction to JShell, Java' s interactive programming tool. Best of all, the book is written in the clear, crisp, uncompromising style that has made Schildt the choice of millions worldwide. Coverage includes: • Data types, variables, arrays, and operators • Control statements • Classes, objects, and methods • Method overloading and overriding • Inheritance • Local variable type inference • Interfaces and packages • Exception handling • Multithreaded programming • Enumerations, autoboxing, and annotations • The I/O classes • Generics • Lambda expressions • Modules • String handling • The Collections Framework • Networking • Event

handling • AWT • Swing • The Concurrent API • The Stream API • Regular expressions • JavaBeans • Servlets • Much, much more Code examples in the book are available for download at www.OraclePressBooks.com.

Scala for the Impatient Cay S. Horstmann 2012-03-08 Scala is a modern programming language for the Java Virtual Machine (JVM) that combines the best features of object-oriented and functional programming languages. Using Scala, you can write programs more concisely than in Java, as well as leverage the full power of concurrency. Since Scala runs on the JVM, it can access any Java library and is interoperable with Java frameworks. Scala for the Impatient concisely shows developers what Scala can do and how to do it. In this book, Cay Horstmann, the principal author of the international best-selling Core Java™, offers a rapid, code-based introduction that's completely practical. Horstmann introduces Scala concepts and techniques in "blog-sized" chunks that you can quickly master and apply. Hands-on activities guide you through well-defined stages of competency, from basic to expert. Coverage includes Getting started quickly with Scala's interpreter, syntax, tools, and unique idioms Mastering core language features: functions, arrays, maps, tuples, packages, imports, exception handling, and more Becoming familiar with object-oriented programming in Scala: classes, inheritance, and traits Using Scala for real-world programming tasks: working with files, regular expressions, and XML Working with higher-order functions and the powerful Scala collections library Leveraging Scala's powerful pattern matching and case classes Creating concurrent programs with Scala actors Implementing domain-specific languages Understanding the Scala type system Applying advanced "power tools" such as annotations, implicits, and delimited continuations Scala is rapidly reaching a tipping point that will reshape the experience of programming. This book will help object-oriented programmers build on their existing skills, allowing them to immediately construct useful applications as they gradually master advanced programming techniques.

Getting Started with NopCommerce Brandon Atkinson 2013-06-04 A friendly, tutorial style book, which will help you learn your way through creating a live storefront with nopCommerce in a step-by-step manner.Getting Started with nopCommerce is for anyone who wants to sell products online using nopCommerce. If you are a non-technical person and are discouraged by the complexity of this powerful e-commerce application, then this book is for you.

Say Good-Bye to ADD and ADHD Devi S. Nambudripad 1999

Microsoft Application Architecture Guide Microsoft Patterns & Practices Team 2009 Get the definitive guide on designing applications on the Microsoft application platformâ €" straight from the Microsoft patterns & practices team. Learn how to choose the most appropriate architecture and the best implementation technologies that the Microsoft application platform offers applications developers. Get critical design recommendations and guidelines organized by application typeâ €" from Web, mobile, and rich Internet applications to Office Business Applications. Youâ €™ll also get links to additional technical resources that can help with your application development.

Mastering Ansible Jesse Keating 2015-11-24 Design, develop, and solve real world automation and orchestration needs by unlocking the automation capabilities of Ansible About This Book Discover how Ansible works in detail Explore use cases for Ansible's advanced features including task delegation, fast failures, and serial task execution Extend Ansible with custom modules, plugins, and inventory sources Who This Book Is For This book is intended for Ansible developers and operators who have an understanding of the core elements and applications but are now looking to enhance their skills in applying automation using Ansible. What You Will Learn Understand Ansible's code and logic flow Safeguard sensitive data within Ansible Access and manipulate complex variable data within Ansible playbooks Handle task results to manipulate change and failure definitions Organize Ansible content into a simple structure Craft a multi-tier rollout playbook utilizing load balancers and manipulating your monitoring system Utilize advanced Ansible features to orchestrate rolling updates with almost no service disruptions Troubleshoot Ansible failures to understand and resolve issues Extend Ansible with custom modules, plugins, or inventory sources In Detail Automation is critical to success in the world of DevOps. How quickly and efficiently an application deployment can be automated, or a new infrastructure can be built up, can be the difference between a successful product or a failure. Ansible provides a simple yet powerful automation engine. Beyond the basics of Ansible lie a host of advanced features which are available to help you increase efficiency and accomplish complex orchestrations with ease. This book provides you with the knowledge you need to understand how Ansible works at a fundamental level and leverage its advanced capabilities. You'll learn how to encrypt Ansible content at rest and decrypt data at runtime. You will master the advanced features and capabilities required to tackle the complex automation challenges of today and beyond. You will gain detailed knowledge of Ansible workflows, explore use cases for advanced features, craft well thought out orchestrations, troubleshoot unexpected behaviour, and extend Ansible through customizations. Finally, you will discover the methods used to examine and debug Ansible operations, helping you to understand and resolve issues. Style and approach A clear, practical guide that covers best practise, system architecture and design aspects that will help you master Ansible with ease.

The Origins of Neuro Linguistic Programming John Grinder 2012-11-30 The Origins of NLP brings together the recollections and thoughts of some of the main protagonists from the very early days of NLP. In 1971 Richard Bandler and Frank Pucelik were students at Kresege College at the University of California Santa Cruz. They had a strong mutual interest

in Gestalt Therapy, Frank because of his traumatic time in Vietnam and because he had been working with some disaffected and drug-addicted kids, and Richard because he had been working with Science and Behavior Books on transcribing and editing Fritz Perls' seminal work, The Gestalt Approach and Eyewitness to Therapy. They started a local Gestalt group and ran 2-3 sessions a week collaborating and experimenting with the language of therapy. They started achieving some brilliant results but were having problems transferring their skills to others and so Richard invited one of their college professors, John Grinder, to observe what they were doing in order that he would, hopefully, be able to deconstruct what they were doing that was so effective. John was a professor of Linguistics and was instantly impressed with the work that they were doing. He was able to add more structure and in due course the three of them formalised what is now known as the Meta Model. NLP, or Meta as it was known then, was born.

The 100 Most Influential Books Ever Written Martin Seymour-Smith 2001 Details the books that have forever changed civilization, from the Bible and the Koran to Darwin's Origin of the Species and Freidan's Feminine Mystique, and includes a historical overview and fascinating facts for each author and book, and much more. Original.

The Architect in Practice David Chappell 2016-01-26 Throughout its many editions, The Architect in Practice has remained a leading textbook used in the education of architects. While the content of the book has developed, the message and philosophy has remained constant: to provide students of architecture and young practitioners with a readable guide to the profession, outlining an architect's duties to their client and contractor, the key aspects of running a building contract, and the essentials of management, finance and drawing office procedure. The eleventh edition follows in that tradition. The text has been brought up to date to ensure it follows the new RIBA Plan of Work 2013 as the guide to the architect's workflow. In addition, a number of changes to standard forms of contract were made with the publication of the JCT 2011 suite of contracts, and the RIBA Standard Form for the Appointment of an Architect 2010 (2012 Revision). These new forms are fully covered. In addition, the opportunity has been taken to reorganise the layout so that the content flows in a way that is more consistent with current architectural practice, and to deal with the increasing use of BIM. The eleventh edition of The Architect in Practice continues to provide the guidance and advice all students and practising architects need in the course of their studies and in their profession.

Condemnation Practice in California Norman E. Matteoni 1997-06

Mastering Azure Kubernetes Service (AKS) Abhishek Mishra 2021-05-28 Become an expert in running containerization operations using serverless Kubernetes and Microsoft Azure KEY FEATURES ● Includes production ready examples and demonstration on the use of Azure Kubernetes Service. ● In detail coverage on Kubernetes administration, security aspects, and container deployment. ● Cutting edge coverage on best practices for end to end enterprise containerization. ● Includes Serverless Kubernetes and Kubernetes based Event-Driven Autoscaling (KEDA). DESCRIPTION This book teaches you how to build, deploy, and manage the Azure Kubernetes Service cluster on both Linux and Windows operating systems. It includes new capabilities of Kubernetes like Serverless Kubernetes using Virtual Kubelet and Kubernetes based Event-Driven Autoscaling (KEDA). The book builds strong hold on foundational concepts of containers and Kubernetes. It explores the container-based offerings on Azure and looks at all necessary Azure container-based services required to work on Azure Kubernetes Service. It deals with creating an Azure Kubernetes cluster, deploying to the cluster, performing operational activities on the cluster, and monitoring and troubleshooting issues on the cluster. You will explore different options and tool sets like Kubectl commands, Azure CLI commands, and Helm Charts to work on the Azure Kubernetes Service cluster. Furthermore, it covers advanced areas like Serverless Kubernetes using Virtual Kubelet, Kubernetes based Event-Driven Autoscaling (KEDA), and the Azure Kubernetes Service cluster on Windows. It explains how to build Azure DevOps pipelines for deployments on Azure Kubernetes Service. By the end of this book, you become proficient in Azure Kubernetes Service and equips yourself with all the necessary skills to design and build production-grade containerized solutions using Azure Kubernetes Service. WHAT YOU WILL LEARN ● Build strong fundamentals of Azure Kubernetes Service and Containerization. ● Learn to administer, manage, and monitor Azure Kubernetes Service. ● Run Linux and Windows-based workloads on Azure Kubernetes Service. ● Practice how to deploy Serverless Kubernetes using Kubelet and KEDA. ● Learn to work with kubectl commands, Helm Charts, and Azure DevOps. ● Explore best practices to design and implement Azure Kubernetes Service enterprise-wide. WHO THIS BOOK IS FOR This book is for all Docker and DevOps professionals who wish to get upskilled to know how to use Azure Kubernetes Service and become an expert in implementing it across the enterprise. Software Architects and Developers proficient in Azure fundamentals can also make use of this book to get expert practical knowledge on Azure Kubernetes Service. AUTHOR BIO Abhishek Mishra is an architect with a leading Fortune 500 software multinational company and is an expert in designing and building Enterprise-grade Intelligent Azure and . NET based architectures. He is an expert in .NET Full-stack, Azure (PaaS, IaaS, Serverless), Infrastructure as Code, Azure Machine Learning, Intelligent Azure (Azure Bot Services and Cognitive Services), and Robotics Process Automation. He has a rich 15+ years of experience working across top organizations in the industry. He loves blogging and is an active blogger on C# Corner. He has been awarded C# Corner Most Valuable Professional (MVP) - December 2018, December 2019, and December 2020 three times in a row for his contributions to the developer community. He is an active

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Forming California Common Interest Developments Helene Z. Fransz 2004

Salesforce CRM Admin Cookbook Paul Goodey 2013-03-26 This book is written in a Cookbook-style format and provides you with immediately useable recipes that extend the functionality of Salesforce CRM and solves real-world problems encountered within the Salesforce CRM application. The recipes in this Cookbook contain proven, step-by-step instructions along with detailed screenshots. This Cookbook has been designed so that you can read it chapter by chapter, starting with recipes that provide enhancements to the user interface, and finishing with recipes that cover data and systems integration. You can also refer to the list of recipes and choose to access them in no particular order. Either method allows you to rapidly implement solutions in your organization that extend and enhance the functionality of Salesforce CRM for your users. This book is for Salesforce administrators and developers who want to quickly incorporate enhanced functionality and extend the power of Salesforce CRM. Whether you are a Salesforce novice or a more experienced administrator, this book provides practical, step-by-step instructions in the use of hidden features, advanced user interface techniques, and solutions for process automation, plus data and systems integration. Not only are standard Salesforce CRM features covered, such as workflow and approval processes, validation rules, and formula fields, but you will also be exposed to further technologies that include HTML, Javascript, CSS, Apex, and Visualforce.

Your Code as a Crime Scene Adam Tornhill 2015-03-30 Jack the Ripper and legacy codebases have more in common than you'd think. Inspired by forensic psychology methods, you'll learn strategies to predict the future of your codebase, assess refactoring direction, and understand how your team influences the design. With its unique blend of forensic psychology and code analysis, this book arms you with the strategies you need, no matter what programming language you use. Software is a living entity that's constantly changing. To understand software systems, we need to know where they came from and how they evolved. By mining commit data and analyzing the history of your code, you can start fixes ahead of time to eliminate broken designs, maintenance issues, and team productivity bottlenecks. In this book, you'll learn forensic psychology techniques to successfully maintain your software. You'll create a geographic profile from your commit data to find hotspots, and apply temporal coupling concepts to uncover hidden relationships between unrelated areas in your code. You'll also measure the effectiveness of your code improvements. You'll learn how to apply these techniques on projects both large and small. For small projects, you'll get new insights into your design and how well the code fits your ideas. For large projects, you'll identify the good and the fragile parts. Large-scale development is also a social activity, and the team's dynamics influence code quality. That's why this book shows you how to uncover social biases when analyzing the evolution of your system. You'll use commit messages as eyewitness accounts to what is really happening in your code. Finally, you'll put it all together by tracking organizational problems in the code and finding out how to fix them. Come join the hunt for better code! What You Need: You need Java 6 and Python 2.7 to run the accompanying analysis tools. You also need Git to follow along with the examples.

Domain-Driven Design in PHP Carlos Buenosvinos 2017-06-14 Real examples written in PHP showcasing DDD Architectural Styles, Tactical Design, and Bounded Context Integration About This Book Focuses on practical code rather than theory Full of real-world examples that you can apply to your own projects Shows how to build PHP apps using DDD principles Who This Book Is For This book is for PHP developers who want to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book doesn't dwell on the theory, but instead gives you the code that you need. What You Will Learn Correctly design all design elements of Domain-Driven Design with PHP Learn all tactical patterns to achieve a fully worked-out Domain-Driven Design Apply hexagonal architecture within your application Integrate bounded contexts in your applications Use REST and Messaging approaches In Detail Domain-Driven Design (DDD) has arrived in the PHP community, but for all the talk, there is very little real code. Without being in a training session and with no PHP real examples, learning DDD can be challenging. This book changes all that. It details how to implement tactical DDD patterns and gives full examples of topics such as integrating Bounded Contexts with REST, and DDD messaging strategies. In this book, the authors show you, with tons of details and examples, how to properly design Entities, Value Objects, Services, Domain Events, Aggregates, Factories, Repositories, Services, and Application Services with PHP. They show how to apply Hexagonal Architecture within your application whether you use an open source framework or your own. Style and approach This highly practical book shows developers how to apply domain-driven design principles to PHP. It is full of solid code examples to work through.

Counseling California Corporations 2007-03