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# Acces PDF Training Developer Sitecore

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## **KEY=DEVELOPER - KAITLIN NATALIE**

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### **PROFESSIONAL SITECORE DEVELOPMENT**

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**John Wiley & Sons Professional Sitecore Development offers comprehensive information for programmers learning the CMS and experienced Sitecore developers alike. This guidance can help your organization minimize implementation cost and time to web, increasing revenue while decreasing IT costs. With this book, you will learn how to implement solutions with Sitecore, how the Sitecore architecture enhances the ASP.NET development process, how to use Sitecore's extensive Application Programming Interfaces, and how to deploy the website. Professional Sitecore Development provides coverage on a range of topics including:**

- Installing and configuring Sitecore
- Implementing an information architecture and transforming content into web pages
- Using the Sitecore security infrastructure, managing errors, and testing automatically
- Managing Sitecore projects, optimizing performance, and scaling Sitecore solutions
- Tips, tricks, and best practices for working with the CMS
- Extending Sitecore and integrating external systems, including coverage of configuration, events, pipelines, and Sitecore's user interface technology

If you're looking for a solution for web content management, then Sitecore is your answer and this book will get you started using this valuable software today.

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### **SITECORE EXPERIANCE PLATFORM 7.2 TRAINING**

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**WEBISTE DEVELOPMENT FOR .NET DEVELOPERS**

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**PROFESSIONAL SITECORE 8 DEVELOPMENT**

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**A COMPLETE GUIDE TO SOLUTIONS AND BEST PRACTICES**

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Apress Structure templates and content within Sitecore, work with integrated tools, and leverage its extensive automation capabilities. Sitecore was recently recognized as one of the most reputable and reliable, enterprise-class web content management solutions (WCMS) available in the marketplace. Thousands of companies are using Sitecore to manage their digital experiences online. Because Sitecore is such a large, complex platform, developers often have a hard time coming up to speed, even after completing a Sitecore training course for developers. However, leveraging the design patterns and other practices laid out in this book will make that transition much easier. Professional Sitecore 8 Development provides a soup-to-nuts approach for a Sitecore rookie to come up to speed quickly, as well as provide more advanced techniques for seasoned veterans that they may not be exposed to otherwise. Key coverage areas include: Getting started with Sitecore development Front-end development techniques Incorporating design patterns into your Sitecore solutions Unit testing Sitecore applications Programming Sitecore's marketing capabilities Sitecore automation with PowerShell Advanced development techniques What you'll learn Develop solutions on the Sitecore platform Come up to speed on Sitecore without going through a training class Build front-end (HTML, CSS, Angular, etc.) solutions as well as back-end (C#) solutions on Sitecore Incorporate design patterns into your Sitecore solutions Make use of advanced Sitecore development techniques Who This Book Is For The book is a developer's companion, both front end and back end developers. The target audience is both developers who have zero Sitecore experience, as well as seasoned veterans looking for advanced best practices. A secondary audience would be Sitecore administrators who would benefit from discussions around performance tuning and security.

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**PROFESSIONAL SITECORE 8 DEVELOPMENT**

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**A COMPLETE GUIDE TO SOLUTIONS AND BEST PRACTICES**

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**SITECORE COOKBOOK FOR DEVELOPERS**

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Packt Publishing Ltd Over 70 incredibly effective and practical recipes to get you up and running with Sitecore

**development About This Book Build enterprise-level rich websites quickly and deliver the best possible content management to your website Get maximum usage of functionalities like different user interfaces, workflow, publishing, search, analytics, etc and learn different rendering techniques using presentation components for data bindings, events, handlers, schedulers, media, etc. Add a surprising amount of functionality just by customizing the Sitecore architecture through the best practices contained in this book Who This Book Is For If you are a Sitecore developer or a programmer who wants to expand your Sitecore development skills, this book is ideal for you. You will need working knowledge of ASP.NET WebForms or MVC, as well as HTML, and a basic knowledge of Sitecore installation. What You Will Learn Create, access, and personalize your website content using different Sitecore presentation components Learn how to extend the presentation components to fulfill some real-life requirements such as improving the site's performance, generating Rss feeds and so on Work with multiple websites on a single Sitecore instance and create multilingual websites Customize the Sitecore interfaces as per your business requirements to provide easier and error-free user interface to content authors to save time and improve accuracy Customize the Sitecore backend architecture as per your business needs Automate tasks and achieve scalability by altering the development and configuration settings Integrate external systems with Sitecore to import or export content and secure user interactions Integrate the advanced features of analytics and personalization, to get the best possible customer experience and generate its reports In Detail This book will get you started on building rich websites, and customizing user interfaces by creating content management applications quickly. It will give you an insight into web designs and how to customize the Sitecore architecture as per your website's requirements using best practices. Packed with over 70 recipes to help you achieve and solve real-world common tasks, requirements, and the problems of content management, content delivery, and publishing instance environments. It also presents recipes on Sitecore's backend processes of customizing pipelines, creating custom event handler and media handler, setting hooks and more. Other topics covered include creating a workflow action, publishing sublayouts and media files, securing your environment by customizing user profiles and access rights, boosting search capabilities, optimising performance, scalability and high-availability of Sitecore instances and much more. By the end of this book, you will have be able to add virtually limitless features to your websites by developing and deploying Sitecore efficiently. Style and approach This easy-to-follow guide is full of hands-on recipes on real-world development tasks to improve your existing Sitecore system. Each topic is presented with its benefits and detailed steps to achieve it through well-explained code and images.**

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## **PRACTICAL SITECORE 8 CONFIGURATION AND STRATEGY**

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### **A USER GUIDE FOR SITECORE'S CONTENT AND MARKETING CAPABILITIES**

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Apres Sitecore was recently recognized as one of the most reputable/reliable web content management solutions (WCMS) in the marketplace. Thousands of companies use Sitecore to help manage their web and mobile digital properties. Sitecore is a very large, complex platform that performs many robust functions and capabilities. As such, marketers and end users often have a hard time coming up to speed on the technology. **Practical Sitecore 8 Configuration and Strategy: A User Guide for Sitecore's Content and Marketing Capabilities** provides that opportunity. The flow of the book will take newbies step-by-step on how to configure Sitecore content, personalization, and marketing automation capabilities. Sprinkled in through the book will be callouts that highlight strategies and best practices—taking the book beyond just the “how to” step-by-step procedures that can be found elsewhere. **Practical Sitecore 8 Configuration and Strategy: Brings you up to speed on Sitecore without requiring a training class. Provides the information in a clear, logical outline that takes users from simple, foundational concepts to more advanced concepts at the end. Rounds out existing sources of documentation with strategies and best practices from real-world experience. What You'll Learn** How to manage content in Sitecore How to create web forms and landing pages How to optimize the site through personalization and A/B/N testing How to use Sitecore for your marketing campaigns How to leverage analytics for custom measurement/engagement strategies How to create a robust governance plan for your Sitecore properties Who This Book Is For The key target audience for this book are content administrators (content authoring, forms development, etc.) and digital marketers (campaigns, analytics, marketing automation, experience optimization, etc.) using the Sitecore platform.

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## **MODERN WEB DEVELOPMENT**

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### **UNDERSTANDING DOMAINS, TECHNOLOGIES, AND USER EXPERIENCE**

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Microsoft Press Master powerful new approaches to web architecture, design, and user experience This book presents a pragmatic, problem-driven, user-focused approach to planning, designing, and building dynamic web solutions. You'll learn how to gain maximum value from Domain-Driven Design (DDD), define optimal supporting architecture, and succeed with modern UX-first design approaches. The author guides you through choosing and implementing specific

technologies and addresses key user-experience topics, including mobile-friendly and responsive design. You'll learn how to gain more value from existing Microsoft technologies such as ASP.NET MVC and SignalR by using them alongside other technologies such as Bootstrap, AJAX, JSON, and JQuery. By using these techniques and understanding the new ASP.NET Core 1.0, you can quickly build advanced web solutions that solve today's problems and deliver an outstanding user experience. Microsoft MVP Dino Esposito shows you how to: Plan websites and web apps to mirror real-world social and business processes Use DDD to dissect and master the complexity of business domains Use UX-Driven Design to reduce costs and give customers what they want Realistically compare server-side and client-side web paradigms Get started with the new ASP.NET Core 1.0 Simplify modern visual webpage construction with Bootstrap Master practical, efficient techniques for running ASP.NET MVC projects Consider new options for implementing persistence and working with data models Understand Responsive Web Design's pros, cons, and tradeoffs Build truly mobile-friendly, mobile-optimized websites About This Book For experienced developers and solution architects who want to plan and develop web solutions more effectively Assumes basic familiarity with the Microsoft web development stack

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## **VALUE BEYOND COST SAVINGS: HOW TO UNDERWRITE SUSTAINABLE PROPERTIES**

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Green Building FC

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## **DEPARTMENT OF DEFENSE DICTIONARY OF MILITARY AND ASSOCIATED TERMS**

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## **ATTACHMENT BASED FAMILY THERAPY**

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## **WHO IS WHO ON THE BULGARIAN COMPUTER MARKET**

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## **THE MOBILE MIND SHIFT**

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## **ENGINEER YOUR BUSINESS TO WIN IN THE MOBILE MOMENT**

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Greenleaf Book Group Mobile has reprogrammed your customers' brains. Your customers now turn to their smartphones for everything. What's tomorrow's weather? Is the flight on time? Where's the nearest store, and is this product cheaper there? Whatever the question, the answer is on the phone. This Pavlovian response is the mobile

mind shift — the expectation that I can get what I want, anytime, in my immediate context. Your new battleground for customers is this mobile moment — the instant in which your customer is seeking an answer. If you're there for them, they'll love you; if you're not, you'll lose their business. Both entrepreneurial companies like Dropbox and huge corporations like Nestlé are winning in that mobile moment. Are you? Based on 200 interviews with entrepreneurs and major companies across the globe, *The Mobile Mind Shift* is the first book to explain how you can exploit mobile moments. You'll learn how to:

- Find your customer's most powerful mobile moments with a mobile moment audit.
- Master the IDEA Cycle, the business discipline for exploiting mobile. Align your business and technology teams in four steps: Identify, Design, Engineer, Analyze.
- Manufacture mobile moments as Krispy Kreme does — it sends a push notification when hot doughnuts are ready near you. Result: 500,000 app downloads, followed by a double-digit increase in same-store sales.
- Turn one-time product sales into ongoing services and engagement, as the Nest thermostat does. And master new business models, as Philips and Uber do. Find ways to charge more and create indelible customer loyalty.
- Transform your technology into systems of engagement. Engineer your business and technology systems to meet the ever-expanding demands of mobile. It's how Dish Network not only increased the efficiency of its installers but also created new on-the-spot upsell opportunities. Mobile is rapidly shifting your customers into a new way of thinking. You'll need your own mobile mind shift to respond.

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## **AZURE SERVERLESS COMPUTING COOKBOOK**

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### **BUILD AND MONITOR AZURE APPLICATIONS HOSTED ON SERVERLESS ARCHITECTURE USING AZURE FUNCTIONS, 3RD EDITION**

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Packt Publishing Ltd Discover recipes for implementing solutions to real-world business problems through serverless applications Key Features Test, troubleshoot, and monitor Azure functions to deliver high-quality and reliable cloud-centric applications Understand Visual Studio's integrated developer experience for Azure functions Explore best practices for organizing and refactoring code within the Azure functions Book Description This third edition of *Azure Serverless Computing Cookbook* guides you through the development of a basic back-end web API that performs simple operations, helping you understand how to persist data in Azure Storage services. You'll cover the integration of Azure Functions with other cloud services, such as notifications (SendGrid and Twilio), Cognitive Services (computer vision), and Logic Apps, to build simple workflow-based applications. With the help of this book, you'll be able to leverage Visual Studio tools to develop, build, test, and deploy Azure functions quickly. It also covers a variety of tools

and methods for testing the functionality of Azure functions locally in the developer's workstation and in the cloud environment. Once you're familiar with the core features, you'll explore advanced concepts such as durable functions, starting with a "hello world" example, and learn about the scalable bulk upload use case, which uses durable function patterns, function chaining, and fan-out/fan-in. By the end of this Azure book, you'll have gained the knowledge and practical experience needed to be able to create and deploy Azure applications on serverless architectures efficiently. What you will learn Implement continuous integration and continuous deployment (CI/CD) of Azure functions Develop different event-based handlers in a serverless architecture Integrate Azure functions with different Azure services to develop enterprise-level applications Accelerate your cloud application development using Azure function triggers and bindings Automate mundane tasks at various levels, from development to deployment and maintenance Develop stateful serverless applications and self-healing jobs using durable functions Who this book is for If you are a cloud developer or architect who wants to build cloud-native systems and deploy serverless applications with Azure functions, this book is for you. Prior experience with Microsoft Azure core services will help you to make the most out of this book.

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## WEB CONTENT MANAGEMENT

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### SYSTEMS, FEATURES, AND BEST PRACTICES

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"O'Reilly Media, Inc." Looking to select a web content management system (CMS), but confused about the promises, terminology, and buzzwords? Do you want to understand content management without having to dive into the underlying programming? This book provides a clear, unbiased overview of the entire CMS ecosystem—from platforms to implementations—in a language- and platform-agnostic manner for project managers, executives, and new developers alike. Author Deane Barker, a CMS consultant with almost two decades of experience, helps you explore many different systems, technologies, and platforms. By the end of the book, you'll have the knowledge necessary to make decisions about features, architectures, and implementation methods to ensure that your project solves the right problems. Learn what content is, how to compare different systems, and what the roles of a CMS team are Understand how a modern CMS models and aggregates content, coordinates workflow, and manages assets Explore the scope and structure of a CMS implementation project Learn the process and best practices for successfully running your CMS implementation Examine the practice of migrating web content, and learn how to work with an external CMS integrator

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## **ORACLE FUSION APPLICATIONS DEVELOPMENT AND EXTENSIBILITY HANDBOOK**

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**McGraw Hill Professional Master Oracle Fusion Applications Design and Personalization Deliver highly adaptable business applications that bolster productivity and drive informed decision-making. Oracle Fusion Applications Development and Extensibility Handbook contains best practices, real-world case studies, and technical deep dives. Discover how to manage design- and run-time customizations, extend existing UIs and build new ones, secure your applications, and integrate with other systems. This Oracle Press guide offers complete coverage of the latest cloud and SOA-based features. Explore Oracle Fusion Applications components and architecture Plan, develop, debug, and deploy customizations Extend out-of-the-box functionality with Oracle JDeveloper Modify web applications using Oracle Composer Incorporate Oracle SOA Suite 11g composites Validate code through sandboxes and test environments Secure data using authorization, authentication, and encryption Design and distribute personalized BI reports Automate jobs with Oracle Enterprise Scheduler Change appearance and branding of your applications with the Oracle ADF Skin Editor Extend and customize CRM with Application Composer**

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## **DESIGN PATTERNS**

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## **ELEMENTS OF REUSABLE OBJECT-ORIENTED SOFTWARE**

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**Pearson Deutschland GmbH Software -- Software Engineering.**

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## **THE UPSKILLING IMPERATIVE: 5 WAYS TO MAKE LEARNING CORE TO THE WAY WE WORK**

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**McGraw Hill Professional Make continuous learning part of your company's DNA—and growth, profits, and sustainability will follow Keeping up with the pace of change may seem impossible, but it's not. The secret is to make continuous learning a top value for every person on the team so when change happens, everyone is prepared. In The Upskilling Imperative, Shelley Osborne, Udemy's Vice President of Learning, reveals the methods she uses to help many of today's leading companies—from Adidas to PayPal to Barclays—build and sustain a culture of learning. With techniques supported by the latest learning science, she takes you through five steps for transforming your business into an industry powerhouse: Create an environment of freedom, opportunity, and love of learning Use honest, forthright feedback to fuel your new learning culture Clearly communicate the rewards that come when we approach our job as a learning adventure Build learning into the everyday workflows and operations Manage your new learning**

culture in a sustainable way With this new, evolved mindset, you and your workforce will approach the next inevitable workplace upheaval or technology with skill and confidence—not confusion and dread.

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## **LEGAL DEVELOPMENTS DURING 30 YEARS OF LITHUANIAN INDEPENDENCE**

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### **OVERVIEW OF LEGAL ACCOMPLISHMENTS AND CHALLENGES IN LITHUANIA**

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Springer Nature This volume provides an overview of selected major areas of legal and institutional development in Lithuania since the Restoration of Independence in 1990. The respective chapters discuss changes in fields varying from the constitutional framework to criminal law and procedure. The content highlights four major aspects of the fundamental changes that have affected the entire legal system: the Post-Soviet country's complex historical heritage; socio-political and other conditions in the process of adopting new (rule of law) standards; international legal influences on the national legal order over the past 30 years; and finally, the search for entirely new national legal models. Over a period of 30 years since gaining its independence from the Soviet Union, Lithuania has undergone unique social changes. The state restarted its independent journey burdened by the complicated heritage of the Soviet legal system. Some major reforms have taken place swiftly, while others have required years of thorough analysis of societal needs and the search for optimal examples in other states. The legal system is now substantially different, with some elements being entirely new, and others adapted to present needs.

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### **REALM OF RACKET**

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#### **LEARN TO PROGRAM, ONE GAME AT A TIME!**

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No Starch Press Racket is a descendant of Lisp, a programming language renowned for its elegance, power, and challenging learning curve. But while Racket retains the functional goodness of Lisp, it was designed with beginning programmers in mind. Realm of Racket is your introduction to the Racket language. In Realm of Racket, you'll learn to program by creating increasingly complex games. Your journey begins with the Guess My Number game and coverage of some basic Racket etiquette. Next you'll dig into syntax and semantics, lists, structures, and conditionals, and learn to work with recursion and the GUI as you build the Robot Snake game. After that it's on to lambda and mutant structs (and an Orc Battle), and fancy loops and the Dice of Doom. Finally, you'll explore laziness, AI, distributed games, and the Hungry Henry game. As you progress through the games, chapter checkpoints and challenges help reinforce what

you've learned. Offbeat comics keep things fun along the way. As you travel through the Racket realm, you'll: -Master the quirks of Racket's syntax and semantics -Learn to write concise and elegant functional programs -Create a graphical user interface using the 2htdp/image library -Create a server to handle true multiplayer games Realm of Racket is a lighthearted guide to some serious programming. Read it to see why Racketeers have so much fun!

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## **REFACTORING**

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### **IMPROVING THE DESIGN OF EXISTING CODE**

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Addison-Wesley Professional Users can dramatically improve the design, performance, and manageability of object-oriented code without altering its interfaces or behavior. "Refactoring" shows users exactly how to spot the best opportunities for refactoring and exactly how to do it, step by step.

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## **HIGH PERFORMANCE MYSQL**

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### **OPTIMIZATION, BACKUPS, REPLICATION, AND MORE**

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"O'Reilly Media, Inc." High Performance MySQL is the definitive guide to building fast, reliable systems with MySQL. Written by noted experts with years of real-world experience building very large systems, this book covers every aspect of MySQL performance in detail, and focuses on robustness, security, and data integrity. High Performance MySQL teaches you advanced techniques in depth so you can bring out MySQL's full power. Learn how to design schemas, indexes, queries and advanced MySQL features for maximum performance, and get detailed guidance for tuning your MySQL server, operating system, and hardware to their fullest potential. You'll also learn practical, safe, high-performance ways to scale your applications with replication, load balancing, high availability, and failover. This second edition is completely revised and greatly expanded, with deeper coverage in all areas. Major additions include: Emphasis throughout on both performance and reliability Thorough coverage of storage engines, including in-depth tuning and optimizations for the InnoDB storage engine Effects of new features in MySQL 5.0 and 5.1, including stored procedures, partitioned databases, triggers, and views A detailed discussion on how to build very large, highly scalable systems with MySQL New options for backups and replication Optimization of advanced querying features, such as full-text searches Four new appendices The book also includes chapters on benchmarking, profiling, backups, security, and tools and techniques to help you measure, monitor, and manage your MySQL installations.

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## TEST-DRIVEN JAVA DEVELOPMENT

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Packt Publishing Ltd Invoke TDD principles for end-to-end application development with Java About This Book Explore the most popular TDD tools and frameworks and become more proficient in building applications Create applications with better code design, fewer bugs, and higher test coverage, enabling you to get them to market quickly Implement test-driven programming methods into your development workflows Who This Book Is For If you're an experienced Java developer and want to implement more effective methods of programming systems and applications, then this book is for you. What You Will Learn Explore the tools and frameworks required for effective TDD development Perform the Red-Green-Refactor process efficiently, the pillar around which all other TDD procedures are based Master effective unit testing in isolation from the rest of your code Design simple and easily maintainable codes by implementing different techniques Use mocking frameworks and techniques to easily write and quickly execute tests Develop an application to implement behaviour-driven development in conjunction with unit testing Enable and disable features using Feature Toggles In Detail Test-driven development (TDD) is a development approach that relies on a test-first procedure that emphasises writing a test before writing the necessary code, and then refactoring the code to optimize it. The value of performing TDD with Java, one of the most established programming languages, is to improve the productivity of programmers, the maintainability and performance of code, and develop a deeper understanding of the language and how to employ it effectively. Starting with the basics of TDD and reasons why its adoption is beneficial, this book will take you from the first steps of TDD with Java until you are confident enough to embrace the practice in your day-to-day routine. You'll be guided through setting up tools, frameworks, and the environment you need, and will dive right in to hands-on exercises with the goal of mastering one practice, tool, or framework at a time. You'll learn about the Red-Green-Refactor procedure, how to write unit tests, and how to use them as executable documentation. With this book you'll also discover how to design simple and easily maintainable code, work with mocks, utilise behaviour-driven development, refactor old legacy code, and release a half-finished feature to production with feature toggles. You will finish this book with a deep understanding of the test-driven development methodology and the confidence to apply it to application programming with Java. Style and approach An easy-to-follow, hands-on guide to building applications through effective coding practices. This book covers practical examples by introducing different problems, each one designed as a learning exercise to help you understand each aspect of TDD.

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## CONNECT

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### HOW TO USE DATA AND EXPERIENCE MARKETING TO CREATE LIFETIME CUSTOMERS

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John Wiley & Sons **Connect and engage across channels with the new customers** Connect is the ultimate marketing guide to becoming more relevant, effective, and successful within the new marketplace. Written by a team of marketing experts serving Fortune 500 brands, this book outlines the massive paradigm shift currently taking place within the industry, and provides the insight and perspective marketers need to stay on board. Readers will find guidance toward reaching a customer base that sees marketers as an unnecessary annoyance, and strategies for engaging those customers at touch points throughout the customer lifecycle. The book's scope encompasses both digital and real-life avenues, discussing the new ways of thinking and the new tools and processes that allow marketers to function in the new era where digital customer experiences are increasingly important. Marketing is undergoing a revolution to rival the impact of Gutenberg's printing press. Customers are in control, with more choice and more access than ever before, and they refuse to be "sold to" or "managed." Many marketing professionals are flailing for a new strategy while the winners are clearly jumping ahead - Connect takes readers inside the winners' world to learn the approach that's engaging the new consumer. Discover the technology and processes that allow marketers to remain relevant Craft a personal, relevant, and accessible customer journey that engages the connected customer Keep in touch throughout the customer's life cycle, both online and offline Link digital goals and metrics to business objectives for a more relevant strategy Smart marketers have moved to a higher level that achieves business objectives while increasing relevance to the customer. Connect provides readers a roadmap to this new approach, and the tools that make it work.

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## CONTENT MANAGEMENT BIBLE

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John Wiley & Sons **Written by one of the leading experts in content managementsystems (CMS), this newly revised bestseller guides readers throughthe confusing-and often intimidating-task of building,implementing, running, and managing a CMS Updated to cover recent developments in online deliverysystems, as well as XML and related technologies Reflects valuable input from CMS users who attended theauthor's workshops, conferences, and courses An essential reference showing anyone involved in informationdelivery systems how to plan and implement a system that can handlelarge amounts of information and help achieve an organization'soverall goals**

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## **MAKING HEALTHY PLACES**

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### **DESIGNING AND BUILDING FOR HEALTH, WELL-BEING, AND SUSTAINABILITY**

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**Island Press** The environment that we construct affects both humans and our natural world in myriad ways. There is a pressing need to create healthy places and to reduce the health threats inherent in places already built. However, there has been little awareness of the adverse effects of what we have constructed-or the positive benefits of well designed built environments. This book provides a far-reaching follow-up to the pathbreaking *Urban Sprawl and Public Health*, published in 2004. That book sparked a range of inquiries into the connections between constructed environments, particularly cities and suburbs, and the health of residents, especially humans. Since then, numerous studies have extended and refined the book's research and reporting. *Making Healthy Places* offers a fresh and comprehensive look at this vital subject today. There is no other book with the depth, breadth, vision, and accessibility that this book offers. In addition to being of particular interest to undergraduate and graduate students in public health and urban planning, it will be essential reading for public health officials, planners, architects, landscape architects, environmentalists, and all those who care about the design of their communities. Like a well-trained doctor, *Making Healthy Places* presents a diagnosis of--and offers treatment for--problems related to the built environment. Drawing on the latest scientific evidence, with contributions from experts in a range of fields, it imparts a wealth of practical information, with an emphasis on demonstrated and promising solutions to commonly occurring problems.

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### **GOOGLE CLOUD PLATFORM IN ACTION**

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**Simon and Schuster** Summary *Google Cloud Platform in Action* teaches you to build and launch applications that scale, leveraging the many services on GCP to move faster than ever. You'll learn how to choose exactly the services that best suit your needs, and you'll be able to build applications that run on Google Cloud Platform and start more quickly, suffer fewer disasters, and require less maintenance. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Thousands of developers worldwide trust Google Cloud Platform, and for good reason. With GCP, you can host your applications on the same infrastructure that powers Search, Maps, and the other Google tools you use daily. You get rock-solid reliability, an incredible array of prebuilt services, and a cost-effective, pay-only-for-what-you-use model. This book gets you started. About the Book *Google Cloud Platform in Action* teaches you how to deploy scalable cloud applications on GCP. Author and Google software

engineer JJ Geewax is your guide as you try everything from hosting a simple WordPress web app to commanding cloud-based AI services for computer vision and natural language processing. Along the way, you'll discover how to maximize cloud-based data storage, roll out serverless applications with Cloud Functions, and manage containers with Kubernetes. Broad, deep, and complete, this authoritative book has everything you need. What's inside The many varieties of cloud storage and computing How to make cost-effective choices Hands-on code examples Cloud-based machine learning About the Reader Written for intermediate developers. No prior cloud or GCP experience required. About the Author JJ Geewax is a software engineer at Google, focusing on Google Cloud Platform and API design. Table of Contents PART 1 - GETTING STARTED What is "cloud"? Trying it out: deploying WordPress on Google Cloud The cloud data center PART 2 - STORAGE Cloud SQL: managed relational storage Cloud Datastore: document storage Cloud Spanner: large-scale SQL Cloud Bigtable: large-scale structured data Cloud Storage: object storage PART 3 - COMPUTING Compute Engine: virtual machines Kubernetes Engine: managed Kubernetes clusters App Engine: fully managed applications Cloud Functions: serverless applications Cloud DNS: managed DNS hosting PART 4 - MACHINE LEARNING Cloud Vision: image recognition Cloud Natural Language: text analysis Cloud Speech: audio-to-text conversion Cloud Translation: multilanguage machine translation Cloud Machine Learning Engine: managed machine learning PART 5 - DATA PROCESSING AND ANALYTICS BigQuery: highly scalable data warehouse Cloud Dataflow: large-scale data processing Cloud Pub/Sub: managed event publishing

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## UNIT TESTING PRINCIPLES, PRACTICES, AND PATTERNS

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Simon and Schuster Radically improve your testing practice and software quality with new testing styles, good patterns, and reliable automation. Key Features A practical and results-driven approach to unit testing Refine your existing unit tests by implementing modern best practices Learn the four pillars of a good unit test Safely automate your testing process to save time and money Spot which tests need refactoring, and which need to be deleted entirely Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Great testing practices maximize your project quality and delivery speed by identifying bad code early in the development process. Wrong tests will break your code, multiply bugs, and increase time and costs. You owe it to yourself—and your projects—to learn how to do excellent unit testing. Unit Testing Principles, Patterns and Practices teaches you to design and write tests that target key areas of your code including the domain model. In this clearly written guide, you learn to develop professional-quality tests and test suites and integrate testing throughout the application life cycle. As you adopt a testing mindset, you'll be amazed at how better tests cause you to write better

code. What You Will Learn Universal guidelines to assess any unit test Testing to identify and avoid anti-patterns Refactoring tests along with the production code Using integration tests to verify the whole system This Book Is Written For For readers who know the basics of unit testing. Examples are written in C# and can easily be applied to any language. About the Author Vladimir Khorikov is an author, blogger, and Microsoft MVP. He has mentored numerous teams on the ins and outs of unit testing. Table of Contents: PART 1 THE BIGGER PICTURE 1 | The goal of unit testing 2 | What is a unit test? 3 | The anatomy of a unit test PART 2 MAKING YOUR TESTS WORK FOR YOU 4 | The four pillars of a good unit test 5 | Mocks and test fragility 6 | Styles of unit testing 7 | Refactoring toward valuable unit tests PART 3 INTEGRATION TESTING 8 | Why integration testing? 9 | Mocking best practices 10 | Testing the database PART 4 UNIT TESTING ANTI-PATTERNS 11 | Unit testing anti-patterns

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## **97 THINGS EVERY PROGRAMMER SHOULD KNOW**

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### **COLLECTIVE WISDOM FROM THE EXPERTS**

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O'Reilly Media Tap into the wisdom of experts to learn what every programmer should know, no matter what language you use. With the 97 short and extremely useful tips for programmers in this book, you'll expand your skills by adopting new approaches to old problems, learning appropriate best practices, and honing your craft through sound advice. With contributions from some of the most experienced and respected practitioners in the industry--including Michael Feathers, Pete Goodliffe, Diomidis Spinellis, Cay Horstmann, Verity Stob, and many more--this book contains practical knowledge and principles that you can apply to all kinds of projects. A few of the 97 things you should know: "Code in the Language of the Domain" by Dan North "Write Tests for People" by Gerard Meszaros "Convenience Is Not an -ility" by Gregor Hohpe "Know Your IDE" by Heinz Kabutz "A Message to the Future" by Linda Rising "The Boy Scout Rule" by Robert C. Martin (Uncle Bob) "Beware the Share" by Udi Dahan

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### **THE OBJECT-ORIENTED THOUGHT PROCESS**

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Sams Publishing A new edition of this title is available, ISBN-10: 0672330164 ISBN-13: 9780672330162 The Object-Oriented Thought Process, Second Edition will lay the foundation in object-oriented concepts and then explain how various object technologies are used. Author Matt Weisfeld introduces object-oriented concepts, then covers abstraction, public and private classes, reusing code, and developing frameworks. Later chapters cover building objects that work with XML, databases, and distributed systems (including EJBs, .NET, Web Services and more).Throughout the

book Matt uses UML, the standard language for modeling objects, to provide illustration and examples of each concept.

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## **THE DEFINITIVE GUIDE TO SQUARESPACE**

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### **LEARN TO DELIVER CUSTOM, PROFESSIONAL WEB EXPERIENCES FOR YOURSELF AND YOUR CLIENTS**

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**Apress Utilize the power of Squarespace to create custom professional websites. Learn the principles and tools used by Squarespace's most successful web professionals to take your skills to the next level. Beginning with an overview of the Squarespace interface and template selection guidelines, this book shows you how the key web languages work together within Squarespace. You'll also see how to use the Custom CSS Editor, Code Injections, and Code Blocks to customize Squarespace templates and how the Style Editor selections affect the template's structure. Learn the accommodations that must be made in JavaScript for the customizations to work correctly in AJAX-based templates. Finally, discover what Developer Mode is, how to use it, and when to use it. The Definitive Guide to Squarespace is the only book you need to get up and running with Squarespace web development. What You'll Learn Choose the right selectors for your CSS or JavaScript customization. Understand what AJAX is and how it impacts the templates that use it. Explore the structure of Squarespace templates Who This Book Is For Web designers, developers, digital marketers, and advanced personal-use users**

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## **MOVEMENT**

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### **FUNCTIONAL MOVEMENT SYSTEMS: SCREENING, ASSESSMENT, CORRECTIVE STRATEGIES**

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**Lotus Pub. Movement is a vivid discovery, a fundamental and explicit teaching in which the return to basics takes on a whole new meaning. In it, author Gray Cook crosses the lines between rehabilitation, conditioning and fitness, providing a clear model and a common language under which fitness and rehabilitation professionals can work together.**

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## **XAMARIN MOBILE APPLICATION DEVELOPMENT**

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## CROSS-PLATFORM C# AND XAMARIN.FORMS FUNDAMENTALS

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**Apress Xamarin Mobile Application Development is a hands-on Xamarin.Forms primer and a cross-platform reference for building native Android, iOS, and Windows Phone apps using C# and .NET. This book explains how to use Xamarin.Forms, Xamarin.Android, and Xamarin.iOS to build business apps for your customers and consumer apps for Google Play and the iTunes App Store. Learn how to leverage Xamarin.Forms for cross-platform development using the most common UI pages, layouts, views, controls, and design patterns. Combine these with platform-specific UI to craft a visually stunning and highly interactive mobile user experience. Use Xamarin.Forms to data bind your UI to both data models and to view models for a Model-View-ViewModel (MVVM) implementation. Use this book to answer the important question: Is Xamarin.Forms right for my project? Platform-specific UI is a key concept in cross-platform development, and Xamarin.Android and Xamarin.iOS are the foundation of the Xamarin platform. Xamarin Mobile Application Development will cover how to build an Android app using Xamarin.Android and an iOS app using Xamarin.iOS while sharing a core code library. SQLite is the database-of-choice for many Xamarin developers. This book will explain local data access techniques using SQLite.NET and ADO.NET. Build a mobile data access layer (DAL) using SQLite and weigh your options for web services and enterprise cloud data solutions. This book will show how organize your Xamarin code into a professional-grade application architecture. Explore solution-building techniques from starter-to-enterprise to help you decouple your functional layers, manage your platform-specific code, and share your cross-platform classes for code reuse, testability, and maintainability. Also included are 250+ screenshots on iOS, Android, and Windows Phone and 200+ C# code examples with downloadable C# and XAML versions available from Apress.com. This comprehensive recipe and reference book addresses one of the most important and vexing problems in the software industry today: How do we effectively design and develop cross-platform mobile applications?**

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## UNION PROOF

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**Dog Ear Publishing Today, organized labor is fighting for its very existence. They re using every weapon at their disposal - including every channel of communication, running corporate campaigns, and influencing politics and legislation with large donations. Their foot soldiers are waging an all-out war against corporate America, and the spoils of victory are your employees. In Union Proof: Creating Your Successful Union Free Strategy, Peter Bergeron, a 33-year veteran of labor relations and human resources, shares his experiences, offers advice and gives you the best practices that truly make a difference in remaining union-free. Far from a legal text, Peter provides the practical tools and**

advice that can help you make union representation irrelevant within your organization. Peter J. Bergeron spent most of his 33+ years of service with General Dynamics, managing all areas of Human Resources with particular emphasis on Labor/Employee Relations and Union Avoidance. Most notably, Peter's primary successful union avoidance experience thwarted many large union organizing efforts at one of General Dynamics' largest non-union production facilities. Peter was utilized by numerous General Dynamics business units throughout the country to lead counterorganizing efforts in campaigns ranging from as few as 13 to as many as 6,500 employees. Peter earned BA in Psychology from Villanova University and a MS in Systems Management from the University of Southern California."

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## POST CORONA

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## FROM CRISIS TO OPPORTUNITY

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Penguin New York Times bestseller! "Few are better positioned to illuminate the vagaries of this transformation than Galloway, a tech entrepreneur, author and professor at New York University's Stern School. In brisk prose and catchy illustrations, he vividly demonstrates how the largest technology companies turned the crisis of the pandemic into the market-share-grabbing opportunity of a lifetime." --The New York Times "As good an analysis as you could wish to read." --The Financial Times From bestselling author and NYU Business School professor Scott Galloway comes a keenly insightful, urgent analysis of who stands to win and who's at risk to lose in a post-pandemic world. The COVID-19 outbreak has turned bedrooms into offices, pitted young against old, and widened the gaps between rich and poor, red and blue, the mask wearers and the mask haters. Some businesses--like home exercise company Peloton, video conference software maker Zoom, and Amazon--woke up to find themselves crushed under an avalanche of consumer demand. Others--like the restaurant, travel, hospitality, and live entertainment industries--scrambled to escape obliteration. But as New York Times bestselling author Scott Galloway argues, the pandemic has not been a change agent so much as an accelerant of trends already well underway. In *Post Corona*, he outlines the contours of the crisis and the opportunities that lie ahead. Some businesses, like the powerful tech monopolies, will thrive as a result of the disruption. Other industries, like higher education, will struggle to maintain a value proposition that no longer makes sense when we can't stand shoulder to shoulder. And the pandemic has accelerated deeper trends in government and society, exposing a widening gap between our vision of America as a land of opportunity, and the troubling realities of our declining wellbeing. Combining his signature humor and brash style with sharp business insights and the occasional dose of righteous anger, Galloway offers both warning and hope in equal measure. As he writes, "Our

commonwealth didn't just happen, it was shaped. We chose this path--no trend is permanent and can't be made worse or corrected."

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## **PROFESSIONAL WINDOWS WORKFLOW FOUNDATION**

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**John Wiley & Sons** If you want to gain the skills to build Windows Workflow Foundation solutions, then this is the book for you. It provides you with a clear, practical guide on how to develop workflow-based software and integrate it into existing technology landscapes. Throughout the pages, you'll also find numerous real-world examples and sample code that will help you to get started quickly. Each major area of Windows Workflow Foundation is explored in depth along with some of the fundamentals operations related to generic workflow applications. You'll also find detailed coverage on how to develop workflow in Visual Studio(r), extend the framework with custom code, and utilize the framework with Microsoft(r) technologies such as SharePoint(r) 2007 and Windows Communication Foundation (WCF). You'll then be able to use Windows Workflow Foundation to create innovative business solutions that provide value to organizations. What you will learn from this book \* The different areas of the Windows Workflow Foundation architecture \* Details about workflow hosting, execution, and communication \* How to build workflow-based solutions without constructing the underlying workflow logic \* Tips for developing solutions using the out-of-the-box functionality \* Techniques for extending the base APIs \* How to apply each piece of the Windows Workflow Foundation platform to real-world scenarios \* Best practices for debugging workflows Who this book is for This book is for developers and architects interested in learning more about Windows Workflow Foundation. You should have some familiarity with the .NET Framework.

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## **THEY ASK, YOU ANSWER**

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## **A REVOLUTIONARY APPROACH TO INBOUND SALES, CONTENT MARKETING, AND TODAY'S DIGITAL CONSUMER**

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**John Wiley & Sons** The revolutionary guide that challenged businesses around the world to stop selling to their buyers and start answering their questions to get results; revised and updated to address new technology, trends, the continuous evolution of the digital consumer, and much more In today's digital age, the traditional sales funnel—marketing at the top, sales in the middle, customer service at the bottom—is no longer effective. To be successful, businesses must obsess over the questions, concerns, and problems their buyers have, and address them as honestly and as thoroughly as possible. Every day, buyers turn to search engines to ask billions of questions.

Having the answers they need can attract thousands of potential buyers to your company—but only if your content strategy puts your answers at the top of those search results. It's a simple and powerful equation that produces growth and success: They Ask, You Answer. Using these principles, author Marcus Sheridan led his struggling pool company from the bleak depths of the housing crash of 2008 to become one of the largest pool installers in the United States. Discover how his proven strategy can work for your business and master the principles of inbound and content marketing that have empowered thousands of companies to achieve exceptional growth. They Ask, You Answer is a straightforward guide filled with practical tactics and insights for transforming your marketing strategy. This new edition has been fully revised and updated to reflect the evolution of content marketing and the increasing demands of today's internet-savvy buyers. New chapters explore the impact of technology, conversational marketing, the essential elements every business website should possess, the rise of video, and new stories from companies that have achieved remarkable results with They Ask, You Answer. Upon reading this book, you will know: How to build trust with buyers through content and video. How to turn your web presence into a magnet for qualified buyers. What works and what doesn't through new case studies, featuring real-world results from companies that have embraced these principles. Why you need to think of your business as a media company, instead of relying on more traditional (and ineffective) ways of advertising and marketing. How to achieve buy-in at your company and truly embrace a culture of content and video. How to transform your current customer base into loyal brand advocates for your company. They Ask, You Answer is a must-have resource for companies that want a fresh approach to marketing and sales that is proven to generate more traffic, leads, and sales.

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### **CSS3: THE MISSING MANUAL**

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"O'Reilly Media, Inc." CSS3 lets you create professional-looking websites, and this manual shows you how to take your HTML and CCS skills to the next level with tips, tricks, and step-by-step instructions to build web pages that look great and run fast on devices and screens of all sizes.

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### **DESIGNING DISTRIBUTED SYSTEMS**

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### **PATTERNS AND PARADIGMS FOR SCALABLE, RELIABLE SERVICES**

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"O'Reilly Media, Inc." In the race to compete in today's fast-moving markets, large enterprises are busy adopting new technologies for creating new products, processes, and business models. But one obstacle on the road to digital

transformation is placing too much emphasis on technology, and not enough on the types of processes technology enables. What if different lines of business could build their own services and applications—and decision-making was distributed rather than centralized? This report explores the concept of a digital business platform as a way of empowering individual business sectors to act on data in real time. Much innovation in a digital enterprise will increasingly happen at the edge, whether it involves business users (from marketers to data scientists) or IoT devices. To facilitate the process, your core IT team can provide these sectors with the digital tools they need to innovate quickly. This report explores: Key cultural and organizational changes for developing business capabilities through cross-functional product teams A platform for integrating applications, data sources, business partners, clients, mobile apps, social networks, and IoT devices Creating internal API programs for building innovative edge services in low-code or no-code environments Tools including Integration Platform as a Service, Application Platform as a Service, and Integration Software as a Service The challenge of integrating microservices and serverless architectures Event-driven architectures for processing and reacting to events in real time You'll also learn about a complete pervasive integration solution as a core component of a digital business platform to serve every audience in your organization.

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## **PRO .NET MEMORY MANAGEMENT**

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### **FOR BETTER CODE, PERFORMANCE, AND SCALABILITY**

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Apres 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 Learn Understand 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 issues Explore 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

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## **MASTERING MICROSOFT DYNAMICS NAV 2016**

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**Packt Publishing Ltd** The compilation of best skillset to harness Microsoft Dynamics NAV for Administrators, Consultants, and Developers About This Book Take your skills to the next level with Dynamics NAV by implementing all the latest and advanced features Get a comprehensive coverage of how the NAV system can be implemented and maintained to get the most out of it Get powerful insights into how to integrate Dynamics NAV with third-party tools and extend its functionality Who This Book Is For This book is ideal for administrators, developers, and consultants who are looking to take their knowledge of Dynamics NAV to new heights. You're expected to have a basic knowledge of Dynamics NAV workflows and C/AL, C/SIDE development. What You Will Learn Installing the NAV system in different environments Implementing the system with the correct setup Maintaining the system to get the best possible performance Tuning up the Dynamics NAV to get better outcomes The Version Control strategy for Dynamics NAV developers Integrating other software and features to remove limitations Understanding your own system better Being able to solve customers' problems with "out-of-the-box" features Reducing customization and additional development time In Detail The book begins by giving you a brief introduction to setting up your NAV environment and shows you how to install and configure it according to your requirements. You will then dive deep into the latest design patterns, network architecture, and topologies. We will show you how you can integrate NAV with the Microsoft platform, and secure your deployment by managing roles and permissions. Moving on, we will explain how to monitor and manage server instances using the Administration tool. We'll discuss how you can take advantage of the expanded extensibility and connectivity capabilities for a tighter integration with the cloud as well as handheld devices. Then, we'll show you how you can make use of the PowerBI capabilities that have been built into Dynamics NAV. By the end of the book, you will be confident in developing and administering a Dynamics NAV implementation that will leverage all of the new features. Style and approach This book takes a straightforward tutorial approach, providing you with step-by-step explanations and simple example-oriented walkthroughs. It is filled with use cases and situations that show you the different pitfalls you might encounter and how to get past them.