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IOS 11 Programming Fundamentals with Swift Jul 04 2020 Move into iOS development by getting a firm grasp of its fundamentals, including the Xcode 9 IDE, Cocoa Touch, and the latest version of Apple's acclaimed programming language, Swift 4. With this thoroughly updated guide, you'll learn the Swift language, understand Apple's Xcode development tools, and discover the Cocoa framework. Explore Swift's object-oriented concepts; become familiar with built-in Swift types; dive deep into Swift objects, protocols, and generics; tour the lifecycle of an Xcode project; learn how nibs are loaded; understand Cocoa's event-driven design; and communicate with C and Objective-C. In this edition, catch up on the latest iOS programming features: Multiline strings and improved dictionaries, object serialization, key paths and key-value observing, expanded git integration, code refactoring, and more! Once you master the fundamentals, you'll be ready to tackle the details of iOS app development with author Matt Neuburg's companion guide, Programming iOS 11.

Delphi for .NET Developer's Guide Aug 05 2020 Provides coverage of the Delphi language and .NET development concepts, including memory management, Reflection, GDI+, and Web forms.

Advanced Oracle PL/SQL Developer's Guide Jun 02 2020 Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination Build robust and secure applications in Oracle PL/SQL using the best practices Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn Learn and understand the key SQL and PL/SQL features of Oracle Database 12c Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling Implement Virtual Private Databases to prevent unauthorized data access Trace, analyze, profile, and debug PL/SQL code while developing database applications Integrate the new application development features of Oracle Database 12c with the current concepts Discover techniques to analyze and maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. Advanced Oracle PL/SQL Developer's Guide, Second Edition is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

The Java Developer's Guide to Eclipse Jan 22 2022 Explains how to customize the Java integrated development environment, covering navigation, terminology, extension, the plug-in architecture, and frameworks.

ARM System Developer's Guide Mar 24 2022 Over the last ten years, the ARM architecture has become one of the most pervasive architectures in the world, with more than 2 billion ARM-based processors embedded in products ranging from cell phones to automotive braking systems. A world-wide community of ARM developers in semiconductor and product design companies includes software developers, system designers and hardware engineers. To date no book has directly addressed their need to develop the system and software for an ARM-based system. This text fills that gap. This book provides a comprehensive description of the operation of the ARM core from a developer's perspective with a clear emphasis on software. It demonstrates not only how to write efficient ARM software in C and assembly but also how to optimize code. Example code throughout the book can be integrated into commercial products or used as templates to enable quick creation of productive software. The book covers both the ARM and Thumb instruction sets, covers Intel's XScale Processors, outlines distinctions among the versions of the ARM architecture, demonstrates how to implement DSP algorithms, explains exception and interrupt handling, describes the cache technologies that surround the ARM cores as well as the most efficient memory management techniques. A final chapter looks forward to the future of the ARM architecture considering ARMv6, the latest change to the instruction set, which has been designed to improve the DSP and media processing capabilities of the architecture. * No other book describes the ARM core from a system and software perspective. * Author team combines extensive ARM software engineering experience with an in-depth knowledge of ARM developer needs. * Practical, executable code is fully explained in the book and available on the publisher's Website. * Includes a simple embedded operating system.

Future Generation Information Technology Dec 09 2020 This book comprises selected papers of the Third International Conference on Future Generation Information Technology, FGIT 2011, held in Jeju Island, Korea, in December 2011. The papers presented were carefully reviewed and selected from numerous submissions and focuse on the various aspects of advances in information technology. They were selected from the following 13 conferences: ASEA 2011, BSBT 2011, CA 2011, CES3 2011, DRBC 2011, DTA 2011, EL 2011, FGCN 2011, GDC 2011, MulGraB 2011, SecTech 2011, SIP 2011 and UNESST 2011.

Oracle Essentials May 14 2021 Oracle is an enormous system, with myriad technologies, options, and releases. Most users--even experienced developers and database administrators--find it difficult to get a handle on the full scope of the Oracle database. And, as each new Oracle version is released, users find themselves under increasing pressure to learn about a whole range of new technologies. The latest challenge is Oracle Database 11g. This book distills an enormous amount of information about Oracle into a compact, easy-to-read volume filled with focused text, illustrations, and helpful hints. It contains chapters on: Oracle products, options, data structures, and overall architecture for Oracle Database 11g, as well as earlier releases (Oracle Database 10g, Oracle9i, and Oracle8i) Installing, running, managing, monitoring, networking, and tuning Oracle, including Enterprise Manager (EM) and Oracle's self-tuning and management capabilities; and using Oracle security, auditing, and compliance (a new chapter in this edition) Multiuser concurrency, data warehouses,

distributed databases, online transaction processing (OLTP), high availability, and hardware architectures (e.g., SMP, clusters, NUMA, and grid computing) Features beyond the Oracle database: Oracle Application Express, Fusion Middleware (including Oracle Application Server), and database SOA support as a Web services provider The latest Oracle Database 11g features: query result set caching, Automatic Memory Management, the Real Application Testing, Advanced Compression, Total Recall, and Active Data Guard Option Options, changes to the OLAP Option (transparently accessed and managed as materialized views), the Flashback transaction command, transparent data encryption, the Support Workbench (and diagnosability infrastructure), and partitioning enhancements (including interval and new composite types) For new Oracle users, DBAs, developers, and managers, Oracle Essentials provides an invaluable, all-in-one introduction to the full range of Oracle features and technologies, including the just-released Oracle Database 11g features. But even if you already have a library full of Oracle documentation, you'll find that this compact book is the one you turn to, again and again, as your one-stop, truly essential reference. "Oracle Essentials gives a clear explanation of the key database concepts and architecture underlying the Oracle database. It's a great reference for anyone doing development or management of Oracle databases." --Andrew Mendelsohn, Senior Vice President, Database Server Technologies, Oracle Corporation

Learning JavaScript Dec 21 2021 Get Started Fast with Modern JavaScript Web Development! With the arrival of HTML5, jQuery, and Ajax, JavaScript web development skills are more valuable than ever! This complete, hands-on JavaScript tutorial covers everything you need to know now. Using line-by-line code walkthroughs and end-of-chapter exercises, top web developer and speaker Tim Wright will help you get results fast, even if you've never written a line of JavaScript before. Smart, friendly, enthusiastic, and packed with modern examples, Learning JavaScript covers both design-level and development-level JavaScript. You'll find expert knowledge and best practices for everything from jQuery and interface design to code organization and front-end templating. Wright's focused coverage includes regular break points and clear reviews that make modern JavaScript easier to learn—and easier to use! Learning JavaScript is your fastest route to success with JavaScript—whether you're entirely new to the language or you need to sharpen and upgrade skills you first learned a decade ago! Coverage includes • Mastering all of the JavaScript concepts and terminology you need to write new programs or efficiently modify existing code • Creating robust, secure code for both the design and development levels • Maximizing usability, reusability, accessibility, clarity, security, and performance • Taking full advantage of the browser environments your code will run in • Accessing the DOM to create behaviors and data interactions • Storing data for easy and efficient access • Using variables, functions, loops, and other core language features • Interacting with users through events • Communicating with servers through Ajax • Improving your productivity with JavaScript libraries

Learning iOS Development Oct 26 2019 Covers iOS 7 and Xcode 5 Learning iOS Developmentis the perfect first book for every new iOS 7 developer. It delivers a complete foundation for iOS development, including an introduction to the Objective-C language, Xcode development tools, best-practice user interface development, and best practices for all aspects of app development and deployment. Throughout Learning iOS Development, you explore the iOS development process as you create and expand a handy car valet app. The hands-on projects enable you to create meaningful code as soon as possible, building confidence and mastery. The annotated code listings work with all the latest iOS technology, so you'll be ready to jump into this exciting development field. With Learning iOS Development, it's easy to learn at your own pace, on your own--or to deepen the knowledge you may be gaining in a classroom or workplace. Coverage includes Installing all the tools, programs, and devices you need to create iOS apps Building your first app and mastering the essentials of Objective-C Making the most effective use of device memory Storyboarding your interface and connecting it to your underlying code Using Auto Layout to support devices with different sizes and orientations Managing app data with Core Data Creating sophisticated custom gestures Deploying your app through Apple's App Store Quickly localizing your app for multiple languages and countries Implementing scrolling, navigation, table views, and other core iOS features Mastering advanced table views and navigation, including iPad split views Passing code encapsulated in blocks for communicating between parts of your app and with the system Tuning and debugging your apps for the best performance and quality Discovering great resources to take your next steps as an iOS developer

Fundamental Approaches to Software Engineering Mar 31 2020 This book constitutes the refereed proceedings of the 14th International Conference on Fundamental Approaches to Software Engineering, FASE 2011, held in Saarbrücken, Germany, March 26—April 3, 2011, as part of ETAPS 2011, the European Joint Conferences on Theory and Practice of Software. The 29 revised full papers presented together with one full length invited talk were carefully reviewed and selected from 99 full paper submissions. The papers are organized in topical sections on verification, specification and modeling, reachability and model checking, model driven engineering, software development for QoS, testing: theory and new trends, testing in practice, code development and analysis, and empirical studies.

The Full Stack Developer Feb 29 2020 Understand the technical foundations, as well as the non-programming skills needed to be a successful full stack web developer. This book reveals the reasons why a truly successful full stack developer does more than write code. You will learn the principles of the topics needed to help a developer new to agile or full stack working—UX, project management, QA, product management, and more— all from the point of view of a developer. Covering these skills alongside the fundamentals and foundations of modern web development, rather than specifics of current technologies and frameworks (which can age quickly), all programming examples are given in the context of the web as it is in 2018. Although you need to feel comfortable working on code at the system, database, API, middleware or user interface level, depending on the task in hand, you also need to be able to deal with the big picture and the little details. The Full Stack Developer recognizes skills beyond the technical, and gives foundational knowledge of the wide set of skills needed in a modern software development team. What You'll Learn Plan your work including Agile vs Waterfall, tools, scrum, kanban and continuous delivery Translate UX into code: grids, component libraries and style guides Design systems and system architectures (microservices to monoliths) Review patterns for APIs (SOAP, AJAX, REST), defining API domains, patterns for REST APIs and more API goodnessStudy the various front-end design patterns you need to know Store data, what to consider for security, deployment, in production and more Who This Book Is For New graduates or junior developers who are transitioning to working as part of a larger team structure in a multi-disciplinary teams and developers previously focused on only front-end or back-end dev transitioning into full stack.

Ektron Developer's Guide Nov 19 2021 The first book to cover the Ektron content management system (CMS) Ektron CMS400.NET provides a complete platform that features all the functionality needed to create, deploy, and manage your Web site. The power is in your hands when you use the built-in server controls to deploy a site or customize the deployment with the API. Authored by a trio of Ektron insiders, this book escorts you through the detailed steps of building a prototype company site. Upon completion, you will have a complete and functional coded Web site that you can use as a template for future projects. Introduces the Ektron CMS400.NET as well as the Ektron architecture and includes an in-depth explanation of the Ektron framework Assumes no prior knowledge of the Ektron platform Shows you how to install the CMS, software dependencies, and samples sites Explains how to implement a social network and construct a storefront Ektron Users Guide provides you with everything you need to know about the exciting possibilities of working with this popular and powerful platform.

Real-World Software Development Oct 31 2022 Explore the latest Java-based software development techniques and methodologies through the project-based approach in this practical guide. Unlike books that use abstract examples and lots of theory, Real-World Software Development shows you how to develop several relevant projects while learning best practices along the way. With this engaging approach, junior developers capable of writing basic Java code will learn about state-of-the-art software development practices for building modern, robust and maintainable Java software. You'll work with many different software development topics that are often excluded from software develop how-to references. Featuring real-world examples, this book teaches you techniques and methodologies for functional programming, automated testing, security, architecture, and distributed systems.

Learning Oracle PL/SQL Apr 12 2021 "Learning Oracle PL/SQL" introduces PL/SQL in a way that's useful to a variety of audiences: beginning programmers, new Oracle database administrators, and developers familiar with other databases who now need to learn Oracle. A consistent and understandable example application--the development of a library's electronic catalog system--runs through the chapters.

IOS 10 Programming Fundamentals with Swift Oct 07 2020 Move into iOS development by getting a firm grasp of its fundamentals, including the Xcode IDE, the Cocoa Touch framework, and Swift 3-the latest version of Apple's acclaimed programming language. With this thoroughly updated guide, you'll learn Swift's object-oriented concepts, understand how to use Apple's development tools, and discover how Cocoa provides the underlying functionality iOS apps need to have. Once you master the fundamentals, you'll be ready to tackle the details of iOS app development with author Matt Neuburg's companion guide, Programming iOS 10 .

Fundamentals of Stream Processing Feb 20 2022 This book teaches fundamentals of stream processing, covering application design, distributed systems infrastructure, and continuous analytic algorithms.

Advances in Computers Jul 28 2022 Since its first volume in 1960, Advances in Computers has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

Expert Oracle Database 11g Administration Dec 29 2019 Sam Alapati's Expert Oracle Database 11g Administration is a comprehensive handbook for Oracle database administrators (DBAs) using the 11g release of the Oracle Database. All key aspects of database administration are covered, including backup and recovery, day–to–day administration and monitoring, performance tuning, and more. This is the one book to have on your desk as a continual reference. Refer to it frequently. It'll help you get the job done. Comprehensive handbook for Oracle Database administrators. Covers all major aspects of database administration. Tests and explains in detail key DBA commands. Offers primers on Linux/Unix, data modeling, SQL, and PL/SQL.

Oracle PL/SQL Programming Nov 27 2019 Considered the best Oracle PL/SQL programming guide by the Oracle community, this definitive guide is precisely what you need to make the most of Oracle's powerful procedural language. The sixth edition describes the features and capabilities of PL/SQL up through Oracle Database 12c Release 1. Hundreds of thousands of PL/SQL developers have benefited from this book over the last twenty years; this edition continues that tradition. With extensive code examples and a lively sense of humor, this book explains language fundamentals, explores advanced coding techniques, and offers best practices to help you solve real-world problems. Get PL/SQL programs up and running quickly, with clear instructions for executing, tracing, testing, debugging, and managing code Understand new 12.1 features, including the ACCESSIBLE_BY clause, WITH FUNCTION and UDF pragma, BEQUEATH CURRENT_USER for views, and new conditional compilation directives Take advantage of extensive code samples, from easy-to-follow examples to reusable packaged utilities Optimize PL/SQL performance with features like the function result cache and Oracle utilities such as PL/Scope and the PL/SQL hierarchical profiler Build modular, easy-to-maintain PL/SQL applications using packages, procedures, functions, and triggers

Fundamentals of Land Development Sep 29 2022 Properly planned and visualized, large-scale developments can be successfully constructed, whether as master planned communities, planned unit developments, or new towns. Fundamentals of Land Development provides an in-depth approach to the design, planning, and development of large land areas into comprehensively designed communities. This book provides in-depth discussions of the full range of development tasks involved in any large development project, from site and land use selection, market analysis, preparing the land use plan and impact statements, to getting approval from the municipality and community, permitting and approval, scheduling and cost management, and the basics of engineering systems and design. Developers and other stake-holders will find guidance on such issues as: • How real-world development is driven by profits, and how team members can maximize profits while developing creatively and responsibly • Site selection and acquisition • Entering the growing business of retirement (active adult) community development Illustrated with real-world case studies drawn from the authors own experience, Fundamentals of Land Development is a practical manual for developers looking to improve the profitability of their projects and gain a better understanding of what all team members undertake in a project of this size and complexity.

Git Essentials Jun 26 2022 Git Essentials is a book for for all developers, beginner to advanced, and written to get you up to speed with the world's most popular version control system. Git has become synonymous with VCSs and is expected to be in the wheelhouse of every developer as one of the most fundamental tools used to coordinate software development.Stop turning to Google every time you need to commit some code, create a feature branch, or tag a release. With this book, you'll actually learn Git instead of just memorize the commands. We're all guilty of copy-pasting Git commands from the first result that shows up in Google, but the important question we're missing is - is that really the right thing for our situation? Learning and understanding these commands will help you become a more productive member of your team.This book assumes no prior experience with Git, it applies to any operating system, and will work with any source files that can be version controlled. It covers almost everything you need to know, from why version control systems are considered fundamental tools to the basics of Git to advanced operations and best practices.- Contents- Introduction- Prerequisites- Source Code Management- Getting Started- The Basics of Git- Branching- Remote- Branching Models- Advanced Operations- Good/Bad Practices- Conclusion

A Developer's Essential Guide to Docker Compose Jul 16 2021 Start defining your infrastructure using Docker Compose and leverage it for everyday development or deployment Key Features Distribute your code in an easier way for developers to get started Set up complex infrastructure for development and CI/CD purposes Deploy simple multi-container applications using Docker Compose Book Description Software development is becoming increasingly complex due to the various software components used. Applications need to be packaged with software components to facilitate their operations, making it complicated to run them. With Docker Compose, a single command can set up your application and the needed dependencies. This book starts with an overview of Docker Compose and its usage and then shows how to create an application. You will also get to grips with the fundamentals of Docker volumes and network, along with Compose commands, their purpose, and use cases. Next, you will set up databases for daily usage using Compose and, leveraging Docker networking, you will establish communication between microservices. You will also run entire stacks locally on Compose, simulate production environments, and enhance CI/CD jobs using Docker Compose. Later chapters will show you how to benefit from Docker Compose for production deployments, provision infrastructure on public clouds such as AWS and Azure, and wrap up with Compose deployments on said infrastructure. By the end of this book, you will have learned how to effectively utilize Docker Compose for day-to-day development. What you will learn Create multi-container applications using Docker Compose Use Docker Compose for daily development Connect microservices leveraging Docker network fundamentals Add monitoring to services leveraging Prometheus Deploy to production using Docker Compose Translate Compose files to Kubernetes deployments Who this book is for This book is for software engineers, developer advocates, and DevOps engineers looking to set up multi-container Docker applications using Compose without the need to set up a Docker orchestration engine. It is also for team leads looking to increase the productivity of an organization's software teams by streamlining the provisioning of complex development environments locally using Docker Compose. Readers are expected to understand containerization and must possess fundamental Docker knowledge to get started with this book.

The Software Developer's Guide May 26 2022 There are plenty of books that show you how to write applications in a specific language. They explain the nuts and bolts of the syntax and the use of the tools to build applications with the latest features and functionality available. There are also a number of fine books that show you how to be "a computer consultant." But there are a whole host of issues specific to the business of writing, delivering and supporting custom software systems. This is the only book that will take you on a step-by-step tour of the entire process. "DevGuide 3", with over 150 pages of new material, shows you how to do "The Other 90%" of the work involved in producing custom software applications.

XML Net Developers Guide Sep 05 2020 Compete with the big players in today's E-commerce marketplace Electronic Data Interchange (EDI) has long been the standard for large business enterprises to communicate in the B2B marketplace. However, EDI is a difficult technology - the cost and support of EDI standards is often too much for a small or medium business enterprise to bear. To compete in the current E-commerce marketplace, many organizations are beginning to take an interest in the interoperability that exists between XML (Extensible Markup Language) and EDI. XML .NET Developers Guide is written for information technology professionals responsible for supporting data management in both small and large organizations. This book appeals to both individuals working with an existing EDI environment, and small to medium businesses looking to increase their market presence by competing with current EDI players using XML/EDI. XML/EDI is quickly becoming an industry standard, however there is a noticeable lack of quality reference material for programmers looking to adopt these standards. You can take it with you. The book comes with Syngress' revolutionary Wallet CD containing a printable HTML version of the book, all of the source code, and demo versions of popular XML/EDI translation tools Up to the minute web-based support with solutions@syngress.com

Fundamentals Jun 22 2019

ActionScript Developer's Guide to PureMVC Aug 17 2021 Gain hands-on experience with PureMVC, the popular open source framework for developing maintainable applications with a Model-View-Controller architecture. In this concise guide, PureMVC creator Cliff Hall teaches the fundamentals of PureMVC development by walking you through the construction of a complete non-trivial Adobe AIR application. Through clear explanations and numerous ActionScript code examples, you'll learn best practices for using the framework's classes in your day-to-day work. Discover how PureMVC enables you to focus on the purpose and scope of your application, while the framework takes care of the plumbing in a maintainable and portable way. Get a detailed overview of the

PureMVC process for developing your application Model the domain by designing the schema and creating framework-agnostic value objects Implement framework-agnostic View components that expose an API of events and properties Use the Proxy pattern to keep track of value objects and hide service interaction Facilitate two-way communication between a View component and the rest of the application Stitch the Model and View tiers together with command objects in the Controller Manage problematic View component life cycles, and learn how to reuse the Model tier

Fundamentals of Software Architecture Jan 28 2020 Salary surveys worldwide regularly place software architect in the top 10 best jobs, yet no real guide exists to help developers become architects. Until now. This book provides the first comprehensive overview of software architecture's many aspects. Aspiring and existing architects alike will examine architectural characteristics, architectural patterns, component determination, diagramming and presenting architecture, evolutionary architecture, and many other topics. Mark Richards and Neal Ford—hands-on practitioners who have taught software architecture classes professionally for years—focus on architecture principles that apply across all technology stacks. You'll explore software architecture in a modern light, taking into account all the innovations of the past decade. This book examines: Architecture patterns: The technical basis for many architectural decisions Components: Identification, coupling, cohesion, partitioning, and granularity Soft skills: Effective team management, meetings, negotiation, presentations, and more Modernity: Engineering practices and operational approaches that have changed radically in the past few years Architecture as an engineering discipline: Repeatable results, metrics, and concrete valuations that add rigor to software architecture

Google Cloud Certified Professional Cloud Developer Exam Guide Apr 24 2022 Discover how Google Cloud services can help you to reduce operational tasks and focus on delivering business value with your applications Key FeaturesDesign, develop, and deploy end-to-end cloud-native applications using Google Cloud servicesPrepare for the GCP developer exam with the help of a fictitious business case and a Q&A sectionGet hands-on with implementing code examples of different GCP services in your applicationsBook Description Google Cloud Platform is one of the three major cloud providers in the industry, exhibiting great leadership in application modernization and data management. This book provides a comprehensive introduction for those who are new to cloud development and shows you how to use the tools to create cloud-native applications by integrating the technologies used by Google. The book starts by taking you through the basic programming concepts and security fundamentals necessary for developing in Google Cloud. You'll then discover best practices for developing and deploying applications in the cloud using different components offered by Google Cloud Platform such as Cloud Functions, Google App Engine, Cloud Run, and other GCP technologies. As you advance, you'll learn the basics of cloud storage and choosing the best options for storing different kinds of data as well as understand what site reliability engineers do. In the last part, you'll work on a sample case study of Hip Local, a community application designed to facilitate communication between people nearby, created by the Google Cloud team. By the end of this guide, you'll have learned how to design, develop, and deploy an end-to-end application on the Google Cloud Platform. What you will learnGet to grips with the fundamentals of Google Cloud Platform developmentDiscover security best practices for applications in the cloudFind ways to create and modernize legacy applicationsUnderstand how to manage data and databases in Google CloudExplore best practices for site reliability engineering, monitoring, logging, and debuggingBecome well-versed with the practical implementation of GCP with the help of a case studyWho this book is for This book is for cloud engineers or developers working or starting to work on Google Cloud Platform and looking to take advantage of cloud-native applications. You'll also find this book useful if you are preparing for the GCP developer exam.

Fundamentals of Development Finance Jun 14 2021

Developer Marketing May 02 2020 Software developers are gaining increasing influence within every company they work for and work with. Engaging at C-level is no longer sufficient: the software developer is now a powerful force in decision-making. This book is intended to be the "textbook" for those working - or starting - in developer marketing. It will teach you how to engage with developers to build a two-way relationship that is informative and empowering. The book is a timely guide to essential best practices in developer marketing, which is a nascent industry and quite unlike other areas of B2B marketing. All profits are donated to a worthy cause, details of which can be found on the website for the book at https://sdata.me/dev-marketing-guide. Topics covered include: running successful developer events, building and maintaining a solid community of developers, how to get the most out of email marketing, how to nurture IoT / hardware developers, how to encourage experts in your community to advocate for you and how to generate a mindset for content marketing in your organization. This book, the first of its kind, is from leading developer marketing practitioners in some of today's largest technology companies. It collects the insight of a generation of thought leaders within the field, sharing them to the benefit of all who are working, or planning to work, in the industry as it finally takes off. The goal is to accelerate best-in-class developer marketing, which ultimately benefits users and customers. The authors of this book reflect a diversity of experience from those working at some of the world's most auspicious software companies. It includes chapters by developer marketing thought leaders at Accenture, Arm, Atlassian, Facebook, Google, Microsoft, Oracle, Qualcomm, SalesForce, SAP, Unity and VMWare, and a foreword by the Head of Worldwide Developer Marketing for Amazon Web Services. The book was produced by SlashData, the company behind The Future Developer Summit, where the most prestigious technical companies in software development come together to share their insights and best practices on developer marketing. SlashData are also the the leading analyst firm in the developer economy, tracking global software developer trends via the largest, most comprehensive developer surveys worldwide. Their research helps the top technology firms understand who developers are, what tools they are using and where they're going next. You will find this book essential if you're working in developer marketing and want to learn how to build your ecosystem to attract, support, and grow your developer base. You will learn the fundamentals if you are a new hire entering this domain. You will pick up new and deep insights if you are already working in developer marketing and want to advance your career. It isn't a step-by-step guide to writing a developer marketing strategy, but instead a toolbox for you to gain the knowledge and practical understanding needed to work with your audience. Whatever your experience, you know, or soon will know, that the developer audience is a tough one to market to, because they dislike aggressive or repetitive messaging and prefer to gain early, hands on experience with a product, making up their own minds by experimenting and talking to existing users. If you take away the insights of our contributors, and absorb their tips and best practices you will be well on the way to handling any B2B marketing role!

PeopleSoft Developer's Guide for PeopleTools & PeopleCode Nov 07 2020 Oracle is placing its enterprise application strategy at the center of its future growth Oracle PeopleSoft will be phasing out its current reports product soon, and all reports will need to be rewritten in XML Publisher

Netscape Developer's Guide to Plug-ins Sep 17 2021 The first book in a series that focuses on Netscape for developers, this book provides an overview of Netscape as a development environment. It compares and contrasts various technologies, and describes how to write Netscape "plugins", program code that enables applications to be launched from Netscape desktop. The CD contains code examples and reusable plugins.

Computing Handbook, Third Edition Feb 08 2021 Computing Handbook, Third Edition: Computer Science and Software Engineering mirrors the modern taxonomy of computer science and software engineering as described by the Association for Computing Machinery (ACM) and the IEEE Computer Society (IEEE-CS). Written by established leading experts and influential young researchers, the first volume of this popular handbook examines the elements involved in designing and implementing software, new areas in which computers are being used, and ways to solve computing problems. The book also explores our current understanding of software engineering and its effect on the practice of software development and the education of software professionals. Like the second volume, this first volume describes what occurs in research laboratories, educational institutions, and public and private organizations to advance the effective development and use of computers and computing in today's world. Research-level survey articles provide deep insights into the computing discipline, enabling readers to understand the principles and practices that drive computing education, research, and development in the twenty-first century.

Learning IOS Development Aug 29 2022 Features hands-on sample projects and exercises designed to help programmers create iOS applications.

USB Complete: The Developer's Guide, Fifth Edition Jul 24 2019 Developers who design and program USB devices have a new resource in the fifth edition of USB Complete: The Developer's Guide. This edition adds an introduction to USB 3.1 and SuperSpeedPlus bus, which offers a 2x increase in bus speed over USB 3.0's SuperSpeed. For designs that don't require USB 3.1's capabilities, the book also covers USB 2.0 technology and applications. USB Complete Fifth Edition bridges the gap between the technical specifications and the real world of design and programming. Author Jan Axelson distills the fundamentals of the protocols and guides developers in choosing device hardware, deciding whether to target a USB class driver or another host driver, and writing device firmware and host applications. Example code in Visual C# shows how to detect and access USB devices and how to program and communicate with vendor-defined devices that use the human-interface-device (HID) class driver and Microsoft's WinUSB driver. Also covered are how to use bus power, including new advanced power delivery capabilities, wireless communications for USB devices, and developing embedded hosts, including dual-role USB On-The-Go devices. Programmers and hardware designers can rely on USB Complete's Fifth Edition to help get projects up and running quickly. Students and hobbyists will learn how to use the interface built into every PC. Instructors will find inspiration and guidance for class projects.

IOS 7 Programming Fundamentals Sep 25 2019 If you're getting started with iOS development, or want a firmer grasp of the basics, this practical guide provides a clear view of its fundamental building blocks—Objective-C, Xcode, and Cocoa Touch. You'll learn object-oriented concepts, understand how to use Apple's development tools, and discover how Cocoa provides the underlying functionality iOS apps need to have. Dozens of example projects are available at GitHub. Once you master the fundamentals, you'll be ready to tackle the details of iOS app development with author Matt Neuburg's companion guide Programming iOS 7. Explore the C language to learn how Objective-C works Learn how instances are created, and why they're so important Tour the lifecycle of an Xcode project, from inception to App Store Discover how to build interfaces with nibs and the nib editor Explore Cocoa's use of Objective-C linguistic features Use Cocoa's event-driven model and major design patterns Learn the role of accessors, key-value coding, and properties Understand the power of ARC-based object memory management Send messages and data between Cocoa objects

Oracle PL/SQL Language Aug 24 2019 Provides a reference to basic language elements including block structure and declarations, statements for program control, and the calling of functions.

Facebook API Developers Guide Oct 19 2021 The Facebook API allows web developers to create Facebook applications and access Facebook data from other applications. Facebook API Developers Guide covers the use and implementation of the Facebook API—what the key features are and how you can access them. You will learn, through practical examples, the main features of the Facebook API including an introduction to the API–specific languages FQL and FBML. These examples are further supported by the introduction of other technologies like language libraries, relational database management systems, and XML. Covers all key features of the Facebook API Explains the API languages FQL and FBML Teaches by example, with useful code and tips you can use in your own applications

Professional Developer's Guide to Domino Mar 12 2021 The definitive tutorial and reference for Domino developers this is more than an installation or implementation guide. The book shows Domino administrators how to build interactive Web content with Domino tools, replicate information using the new Domino Weblicator tool, and get a site up and running quickly. The CD-ROM includes Domino add-ons and utilities.

How to Become A Web Developer Jan 10 2021 How to Become a Web Developer: A Field Guide Learn what it takes to become a Web Developer, and how you can become one. No matter your age or background you can become a Web Developer This book is for those who are considering learning programming as a career. Or even to be more familiar with the lingo as an advantage at work. There are a lot of articles, books, and online courses out there. But too often, they make assumptions about what you already know. They start in the middle instead of at the beginning. This book is a linear path to going from where you are now to becoming a web developer. In this book, we cover the fundamentals. More importantly, we talk about why the are the fundamentals. For every topic covered, we talk about how it fits into the larger picture of web development. By the end of this book, you will be able to make an educated decision about your future and understand the steps and commitment it will take to get there. Why become a Web Developer? Pay In the US, according to StackOverflow's 2019 survey, the avg. reported salary for a developer is \$100K. Opportunities According to the Bureau of Labor Statistics, Computer and IT occupations are the fastest-growing of all US occupations. Accessibility All you need is a computer and internet connection to teach yourself the required skills. What you'll learn You're not buying just a book. You're buying a Field Guide, with over 50 Exercises to help you learn and understand the material. HTML, CSS, and JavaScript - We spend a chapter on each of these core languages. You will become comfortable with each, and understand why they are so important. d104-Editor, DevTools, and Terminal - These three tools are used daily by all developers. You will become well versed in how to use them, and why they are so helpful. Popular Programming Languages - There are hundreds of programming languages out there. We focus on the top 10. You'll learn about what languages you should focus on for specific roles/fields. This discussion helps you narrow in your interest. Git and GitHub - You will become familiar with the general Git-GitHub workflow. More importantly, you will understand how these technologies work, and in doing so, get a leg-up on many of your peers. Most beginner programmers don't understand what makes Git so special, you will. Frontend vs. Backend - In the last 5 years, the most significant split in web development is between the backend and frontend. We investigate why this happened, the difference between the two, and how this will impact your next steps. Field Guide - We have created an 11X17 PDF Field Guide, showing you where we've gone and what you should focus on after the completion of this book. FAQHow long is the book? The book has 9 chapters totaling 320 pages, with over 50 exercises. We made the exercises fun, and very easy to follow; we use a lot of screenshots with clear directions. Additionally, all the exercises are fun. You won't see any "hello world" or "foo/bar" exercises here. Do I have to have prior Web Development experience? Nope! This book is for beginners. If you do have experience with HTML, CSS, etc. there is still a lot for you to learn from this book.