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Proceedings of the 12th European Conference on Management, Leadership and Governance

This volume presents the contributions of the fifth International Conference on Advancements of Medicine and Health Care through Technology (Meditech 2016), held in Cluj-Napoka, Romania. The papers of this Proceedings volume present new developments in - Health Care Technology, - Medical Devices, Measurement and Instrumentation, - Medical Imaging, Image and Signal Processing, - Modeling and Simulation, - Molecular Bioengineering, - Biomechanics.

Want to use an Adobe tool to design animated web graphics that work on iPhone and iPad? You've come to the right book. Adobe Edge Preview 3: The Missing Manual shows you how to build HTML5 graphics using simple visual tools. No programming experience? No problem. Adobe Edge writes the underlying code for you. With this eBook, you'll be designing great-looking web elements in no time. Get to know the workspace. Learn how Adobe Edge Preview 3 performs its magic. Create and import graphics. Make drawings with Edge's tools, or use art you designed in other programs. Work with text. Build menus, label buttons, provide instructions, and perform other tasks. Jump into animation. Master Edge's elements, properties, and timeline panels.

Make it interactive. Use triggers and actions to give users control over their web experience. Peek behind the curtain. Understand how HTML and CSS documents work. Dig into JavaScript. Customize your projects by tweaking your code. Bestselling author Chris Grover has more than 25 years experience in graphic design and electronic media. He excels in making complex technology fun and easy to learn. In *Adobe Edge Preview 3: The Missing Manual*, he continues the winning formula of *Flash CS5.5: The Missing Manual* and *Google SketchUp: The Missing Manual*.

The widespread availability of technologies has increased exponentially in recent years. This ubiquity has created more connectivity and seamless integration among technology devices. *Emerging Trends and Applications of the Internet of Things* is an essential reference publication featuring the latest scholarly research on the surge of connectivity between computing devices in modern society, as well as the benefits and challenges of this. Featuring extensive coverage on a broad range of topics such as cloud computing, spatial cognition, and ultrasonic sensing, this book is ideally designed for researchers, professionals, and academicians seeking current research on upcoming advances in the Internet of Things (IoT).

Get a practical introduction to React Native, the JavaScript framework for writing and deploying fully

featured mobile apps that look and feel native. With this hands-on guide, you'll learn how to build applications that target iOS, Android, and other mobile platforms instead of browsers. You'll also discover how to access platform features such as the camera, user location, and local storage. With code examples and step-by-step instructions, author Bonnie Eisenman shows web developers and frontend engineers how to build and style interfaces, use mobile components, and debug and deploy apps. Along the way, you'll build several increasingly sophisticated sample apps with React Native before putting everything together at the end. Learn how React Native provides an interface to native UI components Examine how the framework uses native components analogous to HTML elements Create and style your own React Native components and applications Install modules for APIs and features not supported by the framework Get tools for debugging your code, and for handling issues outside of JavaScript Put it all together with the Zebreto effective-memorization flashcard app Deploy apps to the iOS App Store and Google's Play Store

With the increase of digital and networked media in everyday life, researchers have increasingly turned their gaze to the symbolic and cultural elements of technologies. From studying online game communities, locative and social media to YouTube

and mobile media, ethnographic approaches to digital and networked media have helped to elucidate the dynamic cultural and social dimensions of media practice. The Routledge Companion to Digital Ethnography provides an authoritative, up-to-date, intellectually broad, and conceptually cutting-edge guide to this emergent and diverse area. Features include: a comprehensive history of computers and digitization in anthropology; exploration of various ethnographic methods in the context of digital tools and network relations; consideration of social networking and communication technologies on a local and global scale; in-depth analyses of different interfaces in ethnography, from mobile technologies to digital archives.

The four-volume set LNCS 11583, 11584, 11585, and 11586 constitutes the proceedings of the 8th International Conference on Design, User Experience, and Usability, DUXU 2019, held as part of the 21st International Conference, HCI International 2019, which took place in Orlando, FL, USA, in July 2019. The total of 1274 papers and 209 posters included in the 35 HCII 2019 proceedings volumes was carefully reviewed and selected from 5029 submissions. DUXU 2019 includes a total of 167 regular papers, organized in the following topical sections: design philosophy; design theories, methods, and tools; user requirements, preferences

emotions and personality; visual DUXU; DUXU for novel interaction techniques and devices; DUXU and robots; DUXU for AI and AI for DUXU; dialogue, narrative, storytelling; DUXU for automated driving, transport, sustainability and smart cities; DUXU for cultural heritage; DUXU for well-being; DUXU for learning; user experience evaluation methods and tools; DUXU practice; DUXU case studies.

As data management and integration continue to evolve rapidly, storing all your data in one place, such as a data warehouse, is no longer scalable. In the very near future, data will need to be distributed and available for several technological solutions.

With this practical book, you'll learn how to migrate your enterprise from a complex and tightly coupled data landscape to a more flexible architecture ready for the modern world of data consumption.

Executives, data architects, analytics teams, and compliance and governance staff will learn how to build a modern scalable data landscape using the Scaled Architecture, which you can introduce incrementally without a large upfront investment.

Author Piethein Strengholt provides blueprints, principles, observations, best practices, and patterns to get you up to speed. Examine data management trends, including technological developments, regulatory requirements, and privacy concerns Go deep into the Scaled Architecture and learn how the pieces fit together Explore data governance and data

security, master data management, self-service data marketplaces, and the importance of metadata

BioCoder is a quarterly newsletter for DIYbio, synthetic bio, and anything related. You'll discover: Articles about interesting projects and experiments, such as the glowing plant Articles about tools, both those you buy and those you build Visits to DIYbio laboratories Profiles of key people in the community Announcements of events and other items of interest Safety pointers and tips about good laboratory practice Anything that's interesting or useful: you tell us! And BioCoder is free (for the time being), unless you want a dead-tree version. We'd like BioCoder to become self supporting (maybe even profitable), but we'll worry about that after we've got a few issues under our belt. If you'd like to contribute, send email to BioCoder@oreilly.com. Tell us what you'd like to do, and we'll get you started.

This book gathers selected papers presented at the 2020 World Conference on Information Systems and Technologies (WorldCIST'20), held in Budva, Montenegro, from April 7 to 10, 2020. WorldCIST provides a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences with and challenges regarding various aspects of modern information systems and technologies. The main topics covered are A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F)

Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human–Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; and N) Technologies for Biomedical Applications.

Jakarta Tomcat is not only the most commonly used open source servlet engine today, it's become the de facto standard by which other servlet engines are measured. Powerful and flexible, it can be used as a stand-alone web server or in conjunction with another server, like Apache or IIS, to run servlets or JSPs. But mastery of Tomcat is not easy: because it's as complex as it is complete. *Tomcat: The Definitive Guide* answers vexing questions that users, administrators, and developers alike have been asking. This concise guide provides much needed information to help harness Tomcat's power and wealth of features. *Tomcat: The Definitive Guide* offers something for everyone who uses Tomcat. System and network administrators will find detailed instructions on installation, configuration, and maintenance. For users, it supplies insightful information on how to deploy Tomcat. And seasoned enterprise Java developers will have a complete reference to setting up, running, and using this powerful software. The book begins with an introduction to the Tomcat server and includes an overview of the three types of server configurations: stand-alone, in-process, and out-of-process. The authors show how directories are laid out, cover the initial setup, and describe how to set the

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environment variables and modify the configuration files, concluding with common errors, problems, and solutions. In subsequent chapters, they cover: The server.xml configuration file Java Security manager Authentication schemes and Tomcat users The Secure Socket Layer (SSL) Tomcat JDBC Realms Installing servlets and Java Server Pages Integrating Tomcat with Apache Advanced Tomcat configuration and much more. Tomcat: The Definitive Guide covers all major platforms, including Windows, Solaris, Linux, and Mac OS X, contains details on Tomcat configuration files, and has a quick-start guide to get developers up and running with Java servlets and JavaServer Pages. If you've struggled with this powerful yet demanding technology in the past, this book will provide the answers you need.

Grounded in the latest research and best practices, **THE CHALLENGE OF EFFECTIVE SPEAKING IN A DIGITAL AGE**, 17th Edition, emphasizes the role of technology and digital media in all aspects of preparing, presenting, and interpreting public speeches in face-to-face and online environments. This bestseller's proven six Speech Plan Action Steps skillfully guide readers through topic selection, audience analysis and adaptation, research, organization, presentational aids, and language and delivery. In addition, hands-on activities, techniques to address anxiety, ethical dilemma exercises, and critical-thinking prompts help readers sharpen their skills and become confident speakers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Your bookkeeping workflow will be smoother and faster

with QuickBooks 2011 -- but only if you spend more time using the program than figuring out how it works. This Missing Manual puts you in control: You'll not only find out how and when to use specific features, you'll also get basic accounting advice to help you through the learning process. Set up QuickBooks. Arrange files and preferences to suit your company. Manage your business. Track inventory, control spending, run payroll, and handle income. Follow the money. Examine everything from customer invoices to year-end tasks. Find key info quickly. Take advantage of QuickBooks' reports, Company Snapshot, and search tools. Streamline your workflow. Set up the Home page and Online Banking Center to meet your needs. Build and monitor budgets. Learn how to keep your company financially fit. Share your financial data. Work with your accountant more efficiently.

First comprehensive account of how the Internet has impacted life in Iran. Social Media in Iran is the first book to tell the complex story of how and why the Iranian people—including women, homosexuals, dissidents, artists, and even state actors—use social media technology, and in doing so create a contentious environment wherein new identities and realities are constructed. Drawing together emerging and established scholars in communication, culture, and media studies, this volume considers the role of social media in Iranian society, particularly the time during and after the controversial 2009 presidential election, a watershed moment in the postrevolutionary history of Iran. While regional specialists may find studies on specific themes

useful, the aim of this volume is to provide broad narratives of actor-based conceptions of media technology, an approach that focuses on the experiential and social networking processes of digital practices in the information era extended beyond cultural specificities. Students and scholars of regional and media studies will find this volume rich with empirical and theoretical insights on the subject of how technologies shape political and everyday life.

Many Linux and Unix developers are familiar with the GNU debugger (GDB), the invaluable open source tool for testing, fixing, and retesting software. And since GDB can be ported to Windows, Microsoft developers and others who use this platform can also take advantage of this amazing free software that allows you to see exactly what's going on inside of a program as it's executing. This new pocket guide gives you a convenient quick reference for using the debugger with several different programming languages, including C, C++, Java, Fortran and Assembly. The GNU debugger is the most useful tool during the testing phase of the software development cycle because it helps you catch bugs in the act. You can see what a program was doing at the moment it crashed, and then readily pinpoint and correct problem code. With the GDB Pocket Reference on hand, the process is quick and painless. The book covers the essentials of using GDB in a testing environment, including how to specify a target for debugging and how to make a program stop on specified conditions. This handy guide also provides details on using the debugger to examine the stack, source files and data to find the

cause of program failure-and then explains ways to use GDB to make quick changes to the program for further testing and debugging. The ability to spot a bug in real time with GDB can save you hours of frustration, and having a quick way to refer to GDB's essential functions is key to making the process work. Once you get your hands on the GDB Pocket Reference, you'll never let go! Shows readers how to create PDF documents that are far more powerful than simple representations of paper pages, helps them get around common PDF issues, and introduces them to tools that will allow them to manage content in PDF, navigating it and reusing it as necessary. Original. (Intermediate).

Build an application from backend to browser with Node.js, and kick open the doors to real-time event programming. With this hands-on book, you'll learn how to create a social network application similar to LinkedIn and Facebook, but with a real-time twist. And you'll build it with just one programming language: JavaScript. If you're an experienced web developer unfamiliar with JavaScript, the book's first section introduces you to the project's core technologies: Node.js, Backbone.js, and the MongoDB data store. You'll then launch into the project—a highly responsive, highly scalable application—guided by clear explanations and lots of code examples. Learn about key modules in Node.js for building real-time apps Use the Backbone.js framework to write clean browser code, and maintain better data integration with MongoDB Structure project files as a foundation for code that will arrive later Create user accounts and learn how to secure the data Use

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Backbone.js templates to build the application's UIs, and integrate access control with Node.js Develop a contact list to help users link to and track other accounts Use Socket.io to create real-time chat functionality Extend your UIs to give users up-to-the-minute information

****Winner of the TAA 2017 Textbook Excellence Award****

“Social Media Marketing deserves special kudos for its courage in tackling the new frontier of social media marketing. This textbook challenges its readers to grapple with the daunting task of understanding rapidly evolving social media and its users.” TAA Judges Panel

The market leading and award winning text on social media marketing has been fully updated for this fourth edition. With a balance of essential theory and practical application, the text has been thoroughly revised to reflect the latest developments in social media marketing research and practice. 11 new case studies have been added to the 'Case Zone', including TikTok, LEGO, Nespresso and Puma. A student-engaging case study now runs throughout the entire textbook looking at the US based company Kombucha 221 BC to help develop understanding of each chapter. The book is complemented by a companion website that offers valuable additional resources for both instructors and students, including author videos discussing key social media marketing ideas and concepts, author-selected YouTube video playlists, additional case studies, further weblinks, PowerPoint slides and Testbank. A must-have text for those studying social media marketing. Over 1,700 total pages ... Contains the following

publications: Visual Propaganda and Extremism in the Online Environment COUNTERMOBILIZATION: UNCONVENTIONAL SOCIAL WARFARE Social Media: More Than Just a Communications Medium HOW SOCIAL MEDIA AFFECTS THE DYNAMICS OF PROTEST Finding Weakness in Jihadist Propaganda NATURAL LANGUAGE PROCESSING OF ONLINE PROPAGANDA AS A MEANS OF PASSIVELY MONITORING AN ADVERSARIAL IDEOLOGY AIRWAVES AND MICROBLOGS: A STATISTICAL ANALYSIS OF AL-SHABAAB'S PROPAGANDA EFFECTIVENESS THE ISLAMIC STATE'S TACTICS IN SYRIA: ROLE OF SOCIAL MEDIA IN SHIFTING A PEACEFUL ARAB SPRING INTO TERRORISM TWEETING NAPOLEON AND FRIENDING CLAUSEWITZ: SOCIAL MEDIA AND THE #MILITARYSTRATEGIST TROLLING NEW MEDIA: VIOLENT EXTREMIST GROUPS RECRUITING THROUGH SOCIAL MEDIA The Combatant Commander's Guide to Countering ISIS's Social Media Campaign #Terror - Social Media and Extremism THE WEAPONIZATION OF SOCIAL MEDIA THE COMMAND OF THE TREND: SOCIAL MEDIA AS A WEAPON IN THE INFORMATION AGE PEACEFUL PROTEST, POLITICAL REGIMES, AND THE SOCIAL MEDIA CHALLENGE THE WEAPONIZED CROWD: VIOLENT DISSIDENT IRISH REPUBLICANS EXPLOITATION OF SOCIAL IDENTITY WITHIN ONLINE COMMUNITIES Seizing the Digital High Ground: Military Operations and Politics in the Social Media Era PERSONALITY AND SOCIAL INFLUENCE CHARACTERISTIC AFFECTS ON

EASE OF USE AND PEER INFLUENCE OF NEW MEDIA USERS OVER TIME FREE INTERNET AND SOCIAL MEDIA: A DUAL-EDGED SWORD

The Oracle SQLPlus Pocket Reference is a must-have for anyone working with Oracle databases, especially those looking to maximize the effectiveness of SQLPlus. As Oracle's long-standing interactive query tool, SQLPlus is available at every Oracle site, from the largest data warehouse to the smallest single-user system. Despite its wide use, however, SQLPlus is still often not completely understood or fully utilized.

Database administrators and developers alike will therefore find the Oracle SQLPlus Pocket Reference to be extremely beneficial. In addition to summarizing all of the SQLPlus syntax and format options, including new Oracle Database 10g features, this handy, on-the-job guide specifically shows readers how to: Differentiate between SQL and SQLPlus Interact with SQLPlus from both the command line and the web browser Select, insert, update, and delete data Format both text and HTML reports with SQLPlus Specify SQLPlus commands and format elements Tune SQL queries The new third edition of this book has been updated for Oracle Database 10g to include information on both SQL*Plus and SQL. New SQL information includes the SELECT statement's new MODEL clause, flashback queries, partition outer joins, and DBMS_XPLAN. With its quick-reference format and compact size, the Oracle SQLPlus Pocket Reference follows in the long line of successful "pocket references" offered by O'Reilly. It also serves as the ideal companion to O'Reilly's larger, more

comprehensive book on SQLPlus, the bestselling Oracle SQL*Plus: The Definitive Guide. Author Jonathan Gennick is an editor for O'Reilly specializing in database and programming titles, having amassed some 17 years of programming and database management experience. Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures The 28th EG-ICE International Workshop 2021 brings together international experts working at the interface

between advanced computing and modern engineering challenges. Many engineering tasks require open-world resolutions to support multi-actor collaboration, coping with approximate models, providing effective engineer-computer interaction, search in multi-dimensional solution spaces, accommodating uncertainty, including specialist domain knowledge, performing sensor-data interpretation and dealing with incomplete knowledge. While results from computer science provide much initial support for resolution, adaptation is unavoidable and most importantly, feedback from addressing engineering challenges drives fundamental computer-science research. Competence and knowledge transfer goes both ways. Der 28. Internationale EG-ICE Workshop 2021 bringt internationale Experten zusammen, die an der Schnittstelle zwischen fortgeschrittener Datenverarbeitung und modernen technischen Herausforderungen arbeiten. Viele ingenieurwissenschaftliche Aufgaben erfordern Open-World-Resolutionen, um die Zusammenarbeit mehrerer Akteure zu unterstützen, mit approximativen Modellen umzugehen, eine effektive Interaktion zwischen Ingenieur und Computer zu ermöglichen, in mehrdimensionalen Lösungsräumen zu suchen, Unsicherheiten zu berücksichtigen, einschließlich fachspezifischen Domänenwissens, Sensordateninterpretation durchzuführen und mit unvollständigem Wissen umzugehen. Während die Ergebnisse aus der Informatik anfänglich viel Unterstützung für die Lösung bieten, ist eine Anpassung unvermeidlich, und am wichtigsten ist, dass das

Feedback aus der Bewältigung technischer Herausforderungen die computer-wissenschaftliche Grundlagenforschung vorantreibt. Kompetenz und Wissenstransfer gehen in beide Richtungen.

Microsoft Office is the most widely used productivity software in the world, but most people just know the basics. This helpful guide gets you started with the programs in Office 2013, and provides lots of power-user tips and tricks when you're ready for more. You'll learn about Office's new templates and themes, touchscreen features, and other advances, including Excel's Quick Analysis tool. The important stuff you need to know:

Create professional-looking documents. Use Word to craft reports, newsletters, and brochures for the Web and desktop. Stay organized. Set up Outlook to track your email, contacts, appointments, and tasks. Work faster with Excel. Determine the best way to present your data with the new Quick Analysis tool. Make inspiring presentations. Build PowerPoint slideshows with video and audio clips, charts and graphs, and animations. Share your Access database. Design a custom database and let other people view it in their web browsers. Get to know the whole suite. Use other handy Office tools: Publisher, OneNote, and a full range of Office Web Apps. Create and share documents in the cloud. Upload and work with your Office files in Microsoft's SkyDrive.

This book constitutes revised selected papers from the First International Workshop on Software Engineering Aspects of Continuous Development and New Paradigms of Software Production and Deployment, DEVOPS 2018, held at the hateau de Villebrumier,

France, in March 2018. The 17 papers presented in this volume were carefully reviewed and selected from 23 submissions. They cover a wide range of problems arising from Devops and related approaches, current tools, rapid development-deployment processes, effects on team performance, analytics, trustworthiness, microservices and related topics.

This book constitutes the refereed conference proceedings of the 9th Annual Privacy Forum, APF 2021. Due to COVID-19 pandemic the conference was held virtually. The 9 revised full papers were carefully reviewed and selected from 43 submissions. The papers are organized in topical sections on Implementing Personal Data Processing Principles; Privacy Enhancing Technologies; Promoting Compliance with the GDPR.

Soon after its launch, Ant succeeded in taking the Java world by storm, becoming the most widely used tool for building applications in Java environments. Like most popular technologies, Ant quickly went through a series of early revision cycles. With each new version, more functionality was added, and more complexity was introduced. Ant evolved from a simple-to-learn build tool into a full-fledged testing and deployment environment. Ant: The Definitive Guide has been reworked, revised and expanded upon to reflect this evolution. It documents the new ways that Ant is being applied, as well as the array of optional tasks that Ant supports. In fact, this new second edition covers everything about this extraordinary build management tool from downloading and installing, to using Ant to test code. Here are just a few of the features you'll find detailed in this comprehensive, must-have guide: Developing conditional builds, and handling error conditions Automatically retrieving source code from version control systems Using Ant with

XML files Using Ant with JavaServer Pages to build Web applications Using Ant with Enterprise JavaBeans to build enterprise applications Far exceeding its predecessor in terms of information and detail, *Ant: The Definitive Guide*, 2nd Edition is a must-have for Java developers unfamiliar with the latest advancements in Ant technology. With this book at your side, you'll soon be up to speed on the premiere tool for cross-platform development. Author Steve Holzner is an award-winning author who's been writing about Java topics since the language first appeared; his books have sold more than 1.5 million copies worldwide.

Uses nearly fifty hands-on projects to acquaint the reader with the new features of Microsoft ASP.NET 2.0, showing how the new release can increase productivity, simplify programming tasks, and facilitate the addition of functionality to applications.

Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume. Ideal for novice and experienced DBAs, developers, managers, and users, *Oracle Essentials* walks you through technologies and features in Oracle's product line, including its architecture, data structures, networking, concurrency, and tuning. Complete with illustrations and helpful hints, this fifth edition provides a valuable one-stop overview of Oracle Database 12c, including an introduction to Oracle and cloud computing. *Oracle Essentials* provides the conceptual background you need to understand how Oracle truly works. Topics include: A complete overview of Oracle databases and data stores, and Fusion Middleware products and features Core concepts and structures in Oracle's architecture, including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management, including Oracle Enterprise Manager 12c Security options, basic

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auditing capabilities, and options for meeting compliance needs Performance characteristics of disk, memory, and CPU tuning Basic principles of multiuser concurrency Oracle's online transaction processing (OLTP) Data warehouses, Big Data, and Oracle's business intelligence tools Backup and recovery, and high availability and failover solutions

Itching to build interesting projects with Drupal, but confused by the way it handles design challenges? This concise guide helps small teams and solo website designers understand how Drupal works by demonstrating the ways it outputs content. You'll learn how to manage Drupal's output, design around it, and then turn your design into a theme. In the second of three volumes on Drupal design, award-winning designer Dani Nordin takes you beyond basic site planning and teaches you key strategies for working with themes, layouts, and wireframes. Discover how to use Drupal to make your vision a reality, instead of getting distracted by the system's project and code management details. Learn strategies for sketching, wireframing, and designing effective layouts Break down a Drupal layout to understand its basic components Understand Drupal's theme layer, and what to look for in a base theme Work with the 960 grid system to facilitate efficient wireframing and theming Manage Drupal markup, including the code generated by the powerful Views module Use LessCSS to organize CSS and help you theme your site more efficiently

Describes the fundamentals of FileMaker Pro 12, covering such topics as working with layouts, relational database design, calculations, scripting, reporting, security, debugging, and Web publishing.

Business model innovations are conceived and implemented by a special type of entrepreneur: business model pioneers. This book presents 14 compelling case studies of business model pioneers and their companies, who have successfully

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introduced new business ideas to the market. The examples range from industries such as retail, media and entertainment to services and industrial projects. For each example, the book provides information on the market environment at the time of launch and illustrates the driving forces behind these business models. Moreover, current market developments are highlighted and linked to the evolution of the business models. Lastly, the authors present the profile of a typical business model pioneer.

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting, analyzing, and interpreting data. The Data Science Design Manual is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at www.data-manual.com Provides "Take-Home Lessons," emphasizing the big-picture concepts

to learn from each chapter Recommends exciting “Kaggle Challenges” from the online platform Kaggle Highlights “False Starts,” revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show “The Quant Shop” (www.quant-shop.com)

O'Reilly Media is unique among tech book publishers for its iconic animal covers. Everything from tarsiers, bears, camels, and big cats to a variety of birds, fish, anemones, and insects have graced O'Reilly book covers since the late 1980s. Now, with this high-quality coloring book, you can put your own spin on this group of classic prints. The coloring book includes 12 images from the O'Reilly Animal image archive, converted for coloring by O'Reilly designer Karen Montgomery. These beautiful reproductions of 19th century engravings are printed on heavyweight paper with nothing on the back to compromise your own colorful masterpieces. This isn't your kid's coloring book. Take it out when you need a break and give the left side of your brain a chance to express itself for a change. Relax, have some fun, and create your own animal menagerie—in color.

With over 250,000 apps to choose from in Apple's App Store, you can make your iPhone or iPod Touch do just about anything you can imagine -- and almost certainly a few things you would never think of. While it's not hard to find apps, it is frustratingly difficult to find the the best ones. That's where this new edition

of Best iPhone Apps comes in. New York Times technology columnist J.D. Biersdorfer has stress-tested hundreds of the App Store's mini-programs and hand-picked more than 200 standouts to help you get work done, play games, stay connected with friends, explore a new city, get in shape, and more. With your device, you can use your time more efficiently with genius productivity apps, or fritter it away with deliriously fun games. Play the part of a local with brilliant travel apps, or stick close to home with apps for errands, movie times, and events. Get yourself in shape with fitness programs, or take a break and find the best restaurants in town. No matter how you want to use your iPhone or iPod Touch, Best iPhone Apps helps you unlock your glossy gadget's potential. Discover great apps to help you: Get work done Connect with friends Play games Juggle documents Explore what's nearby Get in shape Travel the world Find new music Dine out Manage your money ...and much more!

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Build kickass websites and applications for all mobile (and non-mobile) platforms by adding HTML5 and CSS3 to your web development toolkit. With this hands-on book, you'll learn how to develop web apps that not only work on iOS, Android, Blackberry, and Windows Phone, but also perform well and provide good user experience. With lots of code and

markup examples, you'll learn best practices for using HTML5 features, including new web forms, SVG, Canvas, localStorage, and related APIs. You'll also get an in-depth look at CSS3, and discover how to design apps for large monitors and tiny screens alike. Learn HTML5's elements, syntax, and semantics Build forms that provide enhanced usability with less JavaScript Explore HTML5 media APIs for graphics, video, and audio Enable your applications to work offline, using AppCache, localStorage, and other APIs Learn what you need to know about CSS3 selectors and syntax Dive into CSS3 features such as multiple backgrounds, gradients, border-images, transitions, transforms, and animations Make your web applications usable, responsive, and accessible. Design for performance, user experience, and reliability on all platforms This book provides an overview of the resources and research projects that are bringing Big Data and High Performance Computing (HPC) on converging tracks. It demystifies Big Data and HPC for the reader by covering the primary resources, middleware, applications, and tools that enable the usage of HPC platforms for Big Data management and processing. Through interesting use-cases from traditional and non-traditional HPC domains, the book highlights the most critical challenges related to Big Data processing and management, and shows ways to mitigate them using HPC resources. Unlike

most books on Big Data, it covers a variety of alternatives to Hadoop, and explains the differences between HPC platforms and Hadoop. Written by professionals and researchers in a range of departments and fields, this book is designed for anyone studying Big Data and its future directions. Those studying HPC will also find the content valuable.

Within only a few years, Facebook, Wikipedia, Twitter, You Tube and other social media have become an intimate part of everyday life. Web 2.0, the collective term for all forms of interactive online communication, is characterized by the overwhelming ability of users to collaboratively create content. The implications of Web 2.0 have become a central focus for interdisciplinary social science research. This book comprehensively addresses the profound impact of Web 2.0 on contemporary society and its dynamics in a multiplicity of fields. The chapters, authored by world-leading experts, vividly demonstrate that Web 2.0 is a dynamic basis for collective action and an unlimited source of societal destabilisation and revolutionary change, for better or for worse. Various aspects of the radical transformative potential of Web 2.0 are imaginatively and critically discussed in the analytical context of quantitative approaches, qualitative works and case studies. This book provides key insights into the wide-reaching

implications of recent technological developments, casting new light into an area which may potentially contribute to a more peaceful and sustainable future. This book was originally published as a special issue of Contemporary Social Science: Journal of the Academy of Social Sciences.

Provides comprehensive coverage of the current state of IoT, focusing on data processing infrastructure and techniques. Written by experts in the field, this book addresses the IoT technology stack, from connectivity through data platforms to end-user case studies, and considers the tradeoffs between business needs and data security and privacy throughout. There is a particular emphasis on data processing technologies that enable the extraction of actionable insights from data to inform improved decision making. These include artificial intelligence techniques such as stream processing, deep learning and knowledge graphs, as well as data interoperability and the key aspects of privacy, security and trust. Additional aspects covered include: creating and supporting IoT ecosystems; edge computing; data mining of sensor datasets; and crowd-sourcing, amongst others. The book also presents several sections featuring use cases across a range of application areas such as smart energy, transportation, smart factories, and more. The book concludes with a chapter on key considerations when deploying IoT technologies in the enterprise,

followed by a brief review of future research directions and challenges. The Internet of Things: From Data to Insight Provides a comprehensive overview of the Internet of Things technology stack with focus on data driven aspects from data modelling and processing to presentation for decision making Explains how IoT technology is applied in practice and the benefits being delivered. Acquaints readers that are new to the area with concepts, components, technologies, and verticals related to and enabled by IoT Gives IoT specialists a deeper insight into data and decision-making aspects as well as novel technologies and application areas Analyzes and presents important emerging technologies for the IoT arena Shows how different objects and devices can be connected to decision making processes at various levels of abstraction The Internet of Things: From Data to Insight will appeal to a wide audience, including IT and network specialists seeking a broad and complete understanding of IoT, CIOs and CIO teams, researchers in IoT and related fields, final year undergraduates, graduate students, post-graduates, and IT and science media professionals. FileMaker Pro 12: The Missing Manual"O'Reilly Media, Inc."

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