

Inside Rad How To Build Fully Functional Computer Systems In 90 Days Or Less Systems Design And Implementation

Inside RADHow to Build Fully Functional Computer Systems in 90 Days Or LessMcGraw-Hill Companies
Demonstrates how knowledge management systems can be used as a source of power to outmaneuver business competitors.

Includes bibliographical references and index.

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

In this third edition, the author has arranged the material in five major parts: context, tools, techniques, methods, management and discipline. Within the parts, popular chapters have been retained and updated to reflect modern developments in the area of information systems development. A number of new chapters have been included on such topics as object-oriented analysis and design methods, rapid applications development and business process re-engineering. Each chapter contains a number of case studies illustrating the frameworks, techniques and concepts discussed. A number of exercises are also included to test the understanding of the material. The book will appeal as a core text for first and second level undergraduate students taking information systems development modules on a computer science, computer studies, information systems of business studies course.

Now the implementation of James Martin's RAD and Information Engineering concepts are fully documented in this step-by-step account of a successful software development project. Throughout the book, readers will find numerous diagrams and detailed examples that clearly illustrate technical points.

In an IT world in which there are differently sized projects, with different applications, differently skilled practitioners, and on-site, off-site, and off-shored development teams, it is impossible for there to be a one-size-fits-all agile development and testing approach. This book provides practical guidance for professionals, practitioners, and researchers faced with creating and rolling out their own agile testing processes. In addition to descriptions of the prominent agile methods, the book provides twenty real-world case studies of practitioners using agile methods and draws upon their experiences to propose your own agile method; whether yours is a small, medium, large, off-site, or even off-shore project, this book provides personalized guidance on the agile best practices from which to choose to create your own effective and efficient agile method.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

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This book has been written for non technical undergraduates, BCA, MCA, MBA, students in finance, accounting, management and the liberal arts who will find a knowledge of Information System vital for their professional success. This book may also serve as a first course for students who subsequently major in information systems at either the undergraduate or graduate level.

Learn to rapidly build and deploy cross-platform applications from a single codebase with practical, real-world solutions using the mature Delphi 10.4 programming environment

Key Features

- Implement Delphi's modern features to build professional-grade Windows, web, mobile, and IoT applications and powerful servers
- Become a Delphi code and project guru by learning best practices and techniques for cross-platform development
- Deploy your complete end-to-end application suite anywhere

Book Description

Delphi is a strongly typed, event-driven programming language with a rich ecosystem of frameworks and support tools. It comes with an extensive set of web and database libraries for rapid application development on desktop, mobile, and internet-enabled devices. This book will help you keep up with the latest IDE features and provide a sound foundation of project management and recent language enhancements to take your productivity to the next level. You'll discover how simple it is to support popular mobile device features such as sensors, cameras, and GPS. The book will help you feel comfortable working with FireMonkey and styles and incorporating 3D user interfaces in new ways. As you advance, you'll be able to build cross-platform solutions that not only look native but also take advantage of a wide array of device capabilities. You'll also learn how to use embedded databases, such as SQLite and InterBase ToGo, synchronizing them with your own custom backend servers or modules using the powerful RAD Server engine. The book concludes by sharing tips for testing and deploying your end-to-end application suite for a smooth user experience. By the end of this book, you'll be able to deliver modern enterprise applications using Delphi confidently. What you will learn

- Discover the latest enhancements in the Delphi IDE
- Overcome the barriers that hold you back from embracing cross-platform development
- Become fluent with FireMonkey controls, styles, LiveBindings, and 3D objects
- Build Delphi packages to extend RAD Server or modularize your applications
- Use FireDAC to get quick and direct access to any data
- Leverage IoT technologies such as Bluetooth and Beacons and learn how to put your app on a Raspberry Pi
- Enable remote apps with backend servers on Windows and Linux through REST APIs
- Develop modules for IIS and Apache web servers

Who this book is for

This book is for Delphi developers interested in expanding their skillset beyond Windows programming by creating professional-grade applications on multiple platforms, including Windows, Mac, iOS, Android, and back-office servers. You'll also find this book useful if you're a developer looking to upgrade your knowledge of Delphi to keep up with the latest changes and enhancements in this powerful toolset. Some Delphi programming experience is necessary to make the most out of this book.

The book highlights emerging topics in key areas of corporate governance with special emphasis on traditionally unexplored issues. It also aims to stimulate thinking and debate on vital aspects of practice and approaches to corporate governance. The topics covered in this book deal with timely subjects, written by eminent academics and renowned professionals with outstanding expertise in their respective fields, who bring to fore the latest theories and provide an up-to-date overview of the extant literature on each topic. More importantly, they draw readers attention to implications for future research and developments. The book not only contributes to the academic literature but also improves the decision making of regulators and investors.

Get ready to make SQL easy! Updated for the latest version of SQL, the new edition of this perennial bestseller shows programmers and web developers how to use SQL to build relational databases and get valuable information from them. Covering

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everything you need to know to make working with SQL easier than ever, topics include how to use SQL to structure a DBMS and implement a database design; secure a database; and retrieve information from a database; and much more. SQL is the international standard database language used to create, access, manipulate, maintain, and store information in relational database management systems (DBMS) such as Access, Oracle, SQL Server, and MySQL. SQL adds powerful data manipulation and retrieval capabilities to conventional languages—and this book shows you how to harness the core element of relational databases with ease. Server platform that gives you choices of development languages, data types, on-premises or cloud, and operating systems Find great examples on the use of temporal data Jump right in—without previous knowledge of database programming or SQL As database-driven websites continue to grow in popularity—and complexity—SQL For Dummies is the easy-to-understand, go-to resource you need to use it seamlessly.

The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873)

This workshop series is now over ten years old, which is a pretty long time for a very focussed topic: Configuration Management. The first conference took place in 1988 (Grassau, Germany) and the topics were focussed on version control and rebuilding. Many people consider that SCM is one of the few areas of software engineering that can be considered to be really successful.

Products, that more or less fulfill their purpose, exist, and everybody agrees that they are now mandatory for a successful software project. Indeed, during the second half of the nineties, SCM has entered a maturation phase, in which good commercial products have been incorporating many of the features - signed and discussed at previous conferences of this workshop. With the generalization of commercial products, the question now is: What are the objectives of a scientific workshop on this topic? Is there any more research to be done in SCM today? This ninth volume in the series reflects pretty well the current state and mood in the CM community. There are an unprecedented number of papers discussing the current state of the art and trying to identify research directions (session 6). On some core topics, like versioning (session 3), and following SCM8 tracks, papers present work on unified models. Versioning models, after years of raging discussions, now seem to have found a consensus.

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

“An intriguing account of two of Nazi Germany’s top architects” and how their work prolonged the war for months—includes hundreds of photos (WWII History). A Selection of the Military Book Club. While Nazi Germany’s temporary ascendancy owed much to military skill, the talent of its engineers not only buoyed the regime but allowed it to survive longer than would normally be expected. This unique work focusing on Fritz Todt and Albert Speer is based on

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many previously unpublished photographs and artwork from captured Nazi records. Todt was the brilliant builder of the world's first superhighway system, the Autobahn, and the architect of the German West Wall, the Siegfried Line, that predated the later Atlantic and East Walls. The builder of each of the wartime "Führer Headquarters," as well as the submarine pens, Todt was killed in a still-mysterious airplane crash that may well have been a Nazi death plot, though he was given a state funeral by Hitler. Todt was succeeded as German Minister of Armaments and War Production by the Führer's longtime personal architect, Albert Speer, who was described by the Allies after the war as having prolonged the conflict by at least a year. Called a genius by Hitler, Speer designed and built the prewar Nuremberg Nazi Party Congress rally stands and buildings. More importantly, amid the constant rain of Allied bombs and the Soviet advances from the East, Speer managed to keep the German industrial machine running until the spring of 1945, though it was driven ever further underground. He also allocated resources to fortifications and counterattacks, like the V-missile installations, against both West and East, in attempts to stave off defeat. Convicted as a war criminal at Nuremberg, Speer served twenty years at Spandau Prison and remained a Nazi apologist who died in London in 1981 on the anniversary of the German invasion of Poland. Together, Todt and Speer were the pillars that propped up the Third Reich through the vicissitudes of battlefield fortune. With over three hundred photographs, this is the first work that examines their role in history's most terrible war.

A series of Book of Computers . The ebook version does not contain CD.

Rad-hard Semiconductor Memories is intended for researchers and professionals interested in understanding how to design and make a preliminary evaluation of rad-hard semiconductor memories, making leverage on standard CMOS manufacturing processes available from different silicon foundries and using different technology nodes. In the first part of the book, a preliminary overview of the effects of radiation in space, with a specific focus on memories, will be conducted to enable the reader to understand why specific design solutions are adopted to mitigate hard and soft errors. The second part will be devoted to RHBD (Radiation Hardening by Design) techniques for semiconductor components with a specific focus on memories. The approach will follow a top-down scheme starting from RHBD at architectural level (how to build a rad-hard floor-plan), at circuit level (how to mitigate radiation effects by handling transistors in the proper way) and at layout level (how to shape a layout to mitigate radiation effects). After the description of the mitigation techniques, the book enters in the core of the topic covering SRAMs (synchronous, asynchronous, single port and dual port) and PROMs (based on AntiFuse OTP technologies), describing how to design a rad-hard flash memory and fostering RHBD toward emerging memories like ReRAM. The last part will be a leap into emerging memories at a very early stage, not yet ready for industrial use in silicon but candidates to become an option for the next wave of rad-hard

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components. Technical topics discussed in the book include: Radiation effects on semiconductor components (TID, SEE) Radiation Hardening by Design (RHBD) Techniques Rad-hard SRAMs Rad-hard PROMs Rad-hard Flash NVMs Rad-hard ReRAMs Rad-hard emerging technologies

Written by the founder and executive director of the Quality Assurance Institute, which sponsors the most widely accepted certification program for software testing Software testing is a weak spot for most developers, and many have no system in place to find and correct defects quickly and efficiently This comprehensive resource provides step-by-step guidelines, checklists, and templates for each testing activity, as well as a self-assessment that helps readers identify the sections of the book that respond to their individual needs Covers the latest regulatory developments affecting software testing, including Sarbanes-Oxley Section 404, and provides guidelines for agile testing and testing for security, internal controls, and data warehouses CD-ROM with all checklists and templates saves testers countless hours of developing their own test documentation Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

The thoroughly Revised & Updated new 6th edition of Professional Knowledge for IBPS & SBI Specialist IT Officer Exam 6th edition is updated as per the new pattern and with latest Solved Paper, new questions in each test + 5 New Practice Sets. The book contains 12 chapters and each chapter provides theory as per the syllabi of the recruitment examination. The chapters in the book provides exercises to help aspirants practice the concepts discussed in the chapters. Each chapter in the book contains ample number of questions designed on the lines of questions asked in previous years' Specialist IT Officer Exams. The book covers 2500+ useful questions for Professional Knowledge. The new edition also contains 15 Practice Sets designed exactly as per the latest pattern to boost the confidence of the students.

Spoken Dialogue Technology provides extensive coverage of spoken dialogue systems, ranging from the theoretical underpinnings of the study of dialogue through to a detailed look at a number of well-established methods and tools for developing spoken dialogue systems. The book enables students and practitioners to design and test dialogue systems using several available development environments and languages, including the CSLU toolkit, VoiceXML, SALT, and XHTML+ voice. This practical orientation is usually available otherwise only in reference manuals supplied with software development kits. The latest research in spoken dialogue systems is presented along with extensive coverage of the most relevant theoretical issues and a critical evaluation of current research prototypes. A dedicated web site containing supplementary materials, code, links to resources will enable readers to develop and test their own systems (). Previously such materials have been difficult to track down, available only on a range of disparate web sites and this web site provides a unique and useful reference source which will prove invaluable.

This richly illustrated book details the wide-ranging construction and urban planning projects launched across Germany after the Nazi Party seized power. The authors show that it was an intentional program to thoroughly reorganize the country's economic, cultural, and political

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landscapes in order to create a dramatically new Germany, saturated with Nazi ideology.

This is Part 2 of a series of quick learning guides for Oracle designers, developers & managers. Part 2 introduces completely new entrants to concepts of Oracle database analysis and design, database normalisation, the logical data model, E-R modelling and diagrams, logical to physical transformation in Oracle Designer, physical database design, de-normalization and database design for performance.

A complete introduction to building robust and reliable software Beginning Software Engineering demystifies the software engineering methodologies and techniques that professional developers use to design and build robust, efficient, and consistently reliable software. Free of jargon and assuming no previous programming, development, or management experience, this accessible guide explains important concepts and techniques that can be applied to any programming language. Each chapter ends with exercises that let you test your understanding and help you elaborate on the chapter's main concepts. Everything you need to understand waterfall, Sashimi, agile, RAD, Scrum, Kanban, Extreme Programming, and many other development models is inside! Describes in plain English what software engineering is Explains the roles and responsibilities of team members working on a software engineering project Outlines key phases that any software engineering effort must handle to produce applications that are powerful and dependable Details the most popular software development methodologies and explains the different ways they handle critical development tasks Incorporates exercises that expand upon each chapter's main ideas Includes an extensive glossary of software engineering terms

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