

Chapter Database Projects

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The National Short Line Railroad Database Project, 1996-1997 Trent Byberg 1997

Database Programming with C# Carsten Thomsen 2002-04-05 Non-VB programmers are shown how they can have the same database ease that Visual Basic programmers have: step-by-step coverage of data access in Visual Studio .NET, with example code in C#.

Database Systems Catherine M. Ricardo 1990

[ASP.NET Web API 2: Building a REST Service from Start to Finish](#) Jamie Kurtz 2014-08-07 The ASP.NET MVC Framework has always been a good platform on which to implement REST-based services, but the introduction of the ASP.NET Web API Framework raised the bar to a whole new level. Now in release version 2.1, the Web API Framework has evolved into a powerful and refreshingly usable platform. This concise book provides technical background and guidance that will enable you to best use the ASP.NET Web API 2 Framework to build world-class REST services. New content in this edition includes: New capabilities in Web API 2 (currently version 2.1). Support for partial updates, or PATCH. API versioning. Support for legacy SOAP-based operations. How to handle non-resource APIs using REST How to best expose relationships between resources JSON Web Tokens, CORS, CSRF Get ready for authors Jamie Kurtz and Brian Wortman to take you from zero to REST service hero in no time at all. No prior experience with ASP.NET Web API is required; all Web API-related concepts are introduced from basic principles and developed to the point where you can use them in a production system. A good working knowledge of C# and the .NET Framework are the only prerequisites to best benefit from this book.

Real World Microsoft Access Database Protection and Security Garry Robinson 2008-01-01 Security issues for all versions of Access from 97 to 2003 are discussed and the merits of each security approach from both the perspective of the developer and the database administrator/manager are examined.

[FileMaker Pro 8 Bible](#) Dennis R. Cohen 2006-02-02

[Microsoft Visual Studio Core Reference Set: Microsoft Visual InterDev 6.0 programmer's guide](#) 1998

Android Studio 3.0 Development Essentials - Android 8 Edition Neil Smyth 2017-11-25 Fully updated for Android Studio 3.0 and Android 8, the goal of this book is to teach the skills necessary to develop Android based applications using the Android Studio Integrated Development Environment (IDE), the Android 8 Software Development Kit (SDK) and the Java programming language. Beginning with the basics, this book provides an outline of the steps necessary to set up an Android development and testing environment. An overview of Android Studio is included covering areas such as tool windows, the code editor and the Layout Editor tool. An introduction to the architecture of Android is followed by an in-depth look at the design of Android applications and user interfaces using the Android Studio environment. More advanced topics such as database management, content providers and intents are also covered, as are touch screen handling, gesture recognition, camera access and the playback and recording of both video and audio. This edition of the book also covers printing, transitions and cloud-based file storage. The concepts of material design are also covered in detail, including the use of floating action buttons, Snackbars, tabbed interfaces, card views, navigation drawers and collapsing toolbars. In addition to covering general Android development techniques, the book also includes Google Play specific topics such as implementing maps using the Google Maps Android API, and submitting apps to the Google Play Developer Console. Other key features of Android Studio 3 and Android 8 are also covered in detail including the Layout Editor, the ConstraintLayout and ConstraintSet classes, constraint chains and barriers, direct reply notifications and multi-window support. Chapters also cover advanced features of Android Studio such as App Links, Instant Apps, the Android Studio Profiler and Gradle build configuration. Assuming you already have some Java programming experience, are ready to download Android Studio and the Android SDK, have access to a Windows, Mac or Linux system and ideas for some apps to develop, you are ready to get started.

[Expert MySQL](#) Charles Bell 2007-04-01 MySQL remains one of the hottest open source database technologies. As the database has evolved into a product competitive with proprietary counterparts like Oracle and IBM DB2, MySQL has found favor with large scale corporate users who require high-powered features and performance. Expert MySQL is the first book to delve deep into the MySQL architecture, showing users how to make the most of the database through creation of custom storage handlers, optimization of MySQL's query execution, and use of the embedded server product. This book will interest users deploying MySQL in high-traffic environments and in situations requiring minimal resource allocation.

Android Studio Development Essentials Neil Smyth 2015-01-12 The goal of this book is to teach the skills necessary to develop Android based applications using the Android Studio development environment and the Android 5.0 Software Development Kit (SDK). Beginning with the basics, this book provides an outline of the steps necessary to set up an Android development and testing environment. An overview of Android Studio is included covering areas such as tool windows, the code editor and the Designer tool. An introduction to the architecture of Android is followed by an in-depth look at the design of Android applications and user interfaces using the Android Studio environment. More advanced topics such as database management, content providers and intents are also covered, as are touch screen handling, gesture recognition, camera access and the playback and recording of both video and audio. This edition of the book also covers features such as printing, transitions and cloud-based file storage. In addition to covering general Android development techniques, the book also includes Google Play specific topics such as implementing maps using the Google Maps Android API, in-app billing and submitting apps to the Google Play Developer Console. Chapters also cover advanced features of Android Studio such as Gradle build configuration and the implementation of build variants to target multiple Android device types from a single project code base. Assuming you already have some Java programming experience, are ready to download Android Studio and the Android SDK, have access to a Windows, Mac or Linux system and ideas for some apps to develop, you are ready to get started.

[Database Concepts](#) David M. Kroenke 2008 Written by one of the world's leading database authorities, Database Concepts 3e, introduces the essential concepts students need to create and use small databases. Appropriate for all introductory courses or brief courses on database development and management, as well as database courses designed around specific database products such as Microsoft Access, SQL Server, or MySQL.

Microsoft Access Version 2002 Inside Out Helen Bell Feddema 2002 Provides an overview of the features and functions of the program, discussing such topics as building queries, importing and exporting data, creating reports, securing a database, and distributing an Access application.

[Database Design Manual: using MySQL for Windows](#) Matthew Norman 2003-10-09 Essential SQL fast provides a comprehensive guide to SQL, using the Windows-based version of MySQL. MySQL is a freely available, multi-platform database management system, making it ideal for learning the techniques and concepts of database design. Using numerous worked examples and illustrations, Matthew Norman describes how to set up the database management system MySQL. In doing so he covers various topics, including: installing and testing MySQL; using the graphical tools; database design techniques and concepts; retrieving, changing and deleting data; and how to make other products communicate with MySQL.

[Beginning Visual Basic 2005 Databases](#) Thearon Willis 2005-11-11 As one of the most popular programming languages in the world, Visual Basic continues to expand on the functionality and flexibility of its framework. This book explains how to use Visual Basic 2005 to write efficient database applications that can be used throughout an enterprise. With this teaching tool, you'll learn how to use queries, views, and stored procedures to efficiently access and manipulate data from your applications. You'll get a firm grasp on using ADO.NET as well as OleDb, SQL, and Oracle to access specific databases. Plus, hands-on examples and try-it-out exercises help you put your reading into practice so that with each chapter, you'll gradually build the pieces of a single application. What you will learn from this book How ADO.NET continues to evolve as a building block for accessing and manipulating data in relational databases Ways to encrypt and decrypt data, hash passwords, and further secure access to your data Techniques for accessing your Web Service from both Windows(r) and Web applications Best practices for using business logic and data access components to produce report data or update data in your back-end databases Who this book is for This book is for developers who want to learn to write database applications and back-end databases, such as Microsoft(r) Access, Microsoft(r) SQL Server, and Oracle(r). Some experience with Visual Basic 2005 is helpful but not required. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved.

Using Visual C++ 6 Kate Gregory 1998 Special Edition Using Visual C++ 6 focuses on making you productive with Visual C++ as quickly as possible. Because of its straightforward approach, this book is able to progress into more advanced topics such as database capabilities, creating ActiveX controls and documents, and enterprise features. Coverage includes all the new features of version 6 as well as expanding on a few topics such as Active Server Pages, VC++, and ActiveX Data Object (ADO & OLE DB).

Database Security and Auditing: Protecting Data Integrity and Accessibility Hassan A. Afyouni 2005-04-06 Designed for easy learning, this text is broken into three sections: Security, Auditing and Implementation. Students will fully understand how to implement database security on modern business databases using practical scenarios and step-by-step examples throughout the text. Each chapter ends with exercises and a hands-on project to reinforce and showcase the topics learned. The final chapter of the book allows the students to apply their knowledge in a presentation of four real-world cases using security and auditing.

Database Modeling with Microsoft® Visio for Enterprise Architects T. A. Halpin 2003-08-28 There is no other manual for the over 200,000 database administrators using Visio.

BUILDING THREE DESKTOP APPLICATIONS USING JAVA GUI AND MYSQL Vivian Siahaan 2019-11-07 In this book, you will learn how to build from scratch a MySQL database management system using Java. In designing a GUI and as an IDE, you will make use of the NetBeans tool. Gradually and step by step, you will be taught how to use MySQL in Java. In the first chapter, you will learn: How to install NetBeans, JDK 11, and MySQL Connector/J; How to integrate external libraries into projects; How the basic MySQL commands are used; How to query statements to create databases, create tables, fill tables, and manipulate table contents is done. In the second chapter, you will study: Creating the initial three table projects in the school database: Teacher table, TClass table, and Subject table; Creating database configuration files; Creating a Java GUI for viewing and navigating the contents of each table; Creating a Java GUI for inserting and editing tables; and Creating a Java GUI to join and query the three tables. In the third chapter, you will learn: Creating the main form to connect all forms; Creating a project will add three more tables to the school database: the Student table, the Parent table, and Tuition table; Creating a Java GUI to view and navigate the contents of each table; Creating a Java GUI for editing, inserting, and deleting records in each table; Creating a Java GUI to join and query the three tables and all six. In chapter four, you will study how to query the six tables. In chapter five, you will learn the basics of cryptography using Java. Here, you will learn how to write a Java program to count Hash, MAC (Message Authentication Code), store keys in a KeyStore, generate PrivateKey and PublicKey, encrypt / decrypt data, and generate and verify digital prints. In chapter six, you will learn how to create and store salt passwords and verify them. You will create a Login table. In this case, you will see how to create a Java GUI using NetBeans to implement it. In addition to the Login table, in this chapter you will also create a Client table. In the case of the Client table, you will learn how to generate and save public and private keys into a database. You will also learn how to encrypt / decrypt data and save the results into a database. In chapter seven, you will create an Login table. This account table has the following ten fields: account_id (primary key), client_id (primarykey), account_number, account_date, account_type, plain_balance, cipher_balance, decipher_balance, digital_signature, and signature_verification. In this case, you will learn how to implement generating and verifying digital prints and storing the results into a database. In chapter eight, you create a table with the name of the Account, which has ten columns: account_id (primary key), client_id (primarykey), account_number, account_date, account_type, plain_balance, cipher_balance, decipher_balance, digital_signature, and signature_verification. In chapter nine, you will create a Client_Data table, which has the following seven fields: client_data_id (primary key), account_id (primary_key), birth_date, address, mother_name, telephone, and photo_path. In chapter ten, you will be taught how to extract image features, utilizing BufferedImage class, in Java GUI. In chapter eleven, you will be taught how to create Crime database and its tables. In chapter twelve, you will be taught to create Java GUI to view, edit, insert, and delete Suspect table data. This table has eleven columns: suspect_id (primary key), suspect_name, birth_date, case_date, report_date, suspect_status, arrest_date, mother_name, address, telephone, and photo. In chapter thirteen, you will be taught to create Java GUI to view, edit, insert, and delete Feature_Extraction table data. This table has eight columns: feature_id (primary key), suspect_id (foreign key), feature1, feature2, feature3, feature4, feature5, and feature6. All six fields (except keys) will have a BLOB data type, so that the image of the feature will be directly saved into this table. In chapter fourteen, you will add two tables: Police_Station and Investigator. These two tables will later be joined to Suspect table through another table, File_Case, which will be built in the seventh chapter. The Police_Station has six columns: police_station_id (primary key), location, city, province, telephone, and photo. The Investigator has eight columns: investigator_id (primary key), investigator_name, rank, birth_date, gender, address, telephone, and photo. Here, you will design a Java GUI to display, edit, fill, and delete data in both tables. In chapter fifteen, you will add two tables: Victim and File_Case. The File_Case table will connect four other tables: Suspect, Police_Station, Investigator and Victim. The Victim table has nine columns: victim_id (primary key), victim_name, crime_type, birth_date, crime_date, gender, address, telephone, and photo. The File_Case has seven columns: file_case_id (primary key), suspect_id (foreign key), police_station_id (foreign key), investigator_id (foreign key), victim_id (foreign key), status, and description. Here, you will also design a Java GUI to display, edit, fill, and delete data in both tables.

[FileMaker Pro 7 Bible](#) Steven A. Schwartz 2004-10-11 Updated to cover the latest program version, this comprehensive guide helps users make the most of FileMaker Pro, the sophisticated workgroup database application with nine million registered users Offers complete step-by-step guidance on FileMaker Pro features and tasks, covering both the Mac and Windows versions Features expanded coverage of ODBC, JDBC, and XML connectivity and includes a new chapter on the developer tools used to create more complex databases Other topics

covered include calculations and computations, data exchange, creating and using templates, linking databases, using FileMaker in workgroups, Web publishing, plug-ins, and advanced database connectivity

Implementing Successful Building Information Modeling Erika Epstein 2012 Building Information Modeling (BIM) is the process of generating and managing building data during a building's lifecycle. Today, more and more architectural firms have adopted BIM software and processes because it allows them to produce measurably more work of better quality, in shorter periods of time. Featuring case studies of firms of all sizes, this practical resource shows professionals how to implement BIM in the building industry around the globe. The book explains how BIM allows the data collected to plan, design and build projects to continue to be used and added to during the occupied life of the building. Readers also become knowledgeable about the changing role of architects within the building industry as they embed BIM in their workflow. From interoperability and open standards, knowledge sharing, and gathering data, to the BIM software suite, implementation planning, and project workflow, this authoritative volume provides a thorough understanding of key aspects of BIM that practitioners need to understand.

Successful ICT Projects in FrontPage 2000 Robert S. U. Heathcote 2000 Designed to help students on an 'A' level, GNVQ or similar course to design and implement a web site using MS FrontPage 2000

Database-driven Web Sites Mike Morrison 2003 Learn to build and deploy dynamic Web applications that interact with a powerful database. Readers with two prior programming courses will learn to get the most out of Visual Studio .NET, Oracle9i and Microsoft Access 2002.

Medium-Sized Projects Evaluation

Performing with Projects for the Entrepreneur Iris Blanc 2003-11 This workbook provides projects that require the creation of a variety of different databases for a new business.

SQL Server Database Programming with Visual Basic.NET Ying Bai 2020-06-01 A guide to the practical issues and applications in database programming with updated Visual Basic.NET SQL Server Database Programming with Visual Basic.NET offers a guide to the fundamental knowledge and practical techniques for the design and creation of professional database programs that can be used for real-world commercial and industrial applications. The author—a noted expert on the topic—uses the most current version of Visual Basic.NET, Visual Basic.NET 2017 with Visual Studio.NET 2017. In addition, he introduces the updated SQL Server database and Microsoft SQL Server 2017 Express. All sample program projects can be run in the most updated version, Visual Basic.NET 2019 with Visual Studio.NET 2019. Written in an accessible, down-to-earth style, the author explains how to build a sample database using the SQL Server management system and Microsoft SQL Server Management Studio 2018. The latest version of ASP.NET, ASP.NET 4.7, is also discussed to provide the most up-to-date Web database programming technologies. This important book: Offers illustrative practical examples and detailed descriptions to aid in comprehension of the material presented Includes both fundamental and advanced database programming techniques Integrates images into associated database tables using a DevExpress UI tools -WindowsUI Written for graduate and senior undergraduate students studying database implementations and programming courses, SQL Server Database Programming with Visual Basic.NET shows how to develop professional and practical database programs in Visual Basic.NET 2017/Visual Basic.NET 2019.

Databases Illuminated Catherine M. Ricardo 2004 Databases Illuminated Integrates Database Theory With A Practical Approach To Database Design And Implementation. The Text Is Specifically Designed For The Modern Database Student, Who Will Be Expected To Know Both Theory And Applied Design And Implementation As Professionals In The Field. The Author Presents A Sample Database Project Throughout The Text, Using This Unique Pedagogical Tool To Take Students Step-By-Step Through All The Key Concepts Of Database Theory, Design, And Management. These Major Concepts Are Rehearsed In Independent Student Projects That Follow Each Chapter. This Integrated, Modern Approach To Databases, Combined With Strong Pedagogical Features, Accessible Writing, And A Full Package Of Student And Instructor'S Resources, Makes Databases Illuminated The Perfect Textbook For Courses In This Exciting Field.

Practical DWR 2 Projects Frank Zammetti 2008-03-11 Practical DWR Web 2.0 Projects addresses the needs of most developers who would rather learn by example and by doing. This book contains several projects that developers can sink their teeth into doing. Written by accomplished Ajax and Java Web developer and author, Frank Zammetti, this book explores DWR and all it offers. It features six full, working applications that use DWR. This book allows you to learn by example, as you tear the applications apart, you see what makes them tick, and even discover how to extend them at your own pace.

Key Skills in Information Technology P. M. Heathcote 2004 This book is a new, updated edition of the indispensable class text for use by both non-IT specialists and IT teachers. It covers all the IT skills needed to achieve the Key Skills Certificate in Information Technology at Levels 2 and 3, and explains exactly how the student can build a portfolio of evidence to achieve the qualification. It will be a useful text for students doing project work for GCSE Information Technology. It covers techniques in Windows, Word, Excel, Access, PowerPoint, Internet Explorer, Publisher. It covers topics in the use of IT as required by the Key Skills Specifications. It demonstrates how to gather evidence and build a portfolio to gain the Key Skills qualification. It contains advice and examples of activities to demonstrate IT key skill competences. Sample exam questions are included to give students practice for the externally set test. Each chapter is cross-referenced to the relevant key skill specification. Answers to questions, OHP masters, sample forms and sample portfolio evidence can be downloaded from the publisher's website .

The National Short Line Railroad Database Project, 1995-1996 Douglas E. Benson 1996

Oracle Database Programming with Visual Basic.NET Ying Bai 2021-04-30 Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples,

descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

John Paul Ashenfelter 1999 The knowledge you need to select the right database solution for your Web site and the skills to make it happen Choosing a Database for Your Web Site Expert John Paul Ashenfelter begins with a refresher course on database technology and design basics. He then appraises the major types of Web database tools and applications, describes how they work, explains how they can be used to provide an array of services, and outlines criteria for choosing the right one for your site (and your budget). Next, he reviews a broad range of database products for every purpose and budget, including: * Desktop database tools with Web publishing capabilities such as Microsoft Access and Claris FileMaker Pro * HTML editors with database capabilities, including Microsoft FrontPage, NetObjects Fusion, and Allaire Homesite * Server-based database applications like Allaire Cold Fusion, Microsoft Active Server Pages, and Everyware Tango * Programming tools for creating Web database applications from scratch, including CGI with Perl and Java-based tools The final section of the book ties it all together with case studies that show how the techniques and issues discussed in the book impact three real-world Web sites. The companion Web site features: * Links to demo versions of products described in the book * All the code from the book * A regularly updated list of books, Web sites, and other valuable resources

Projects for the Entrepreneur Iris Blanc 2004-12 This workbook provides projects that require the creation of documents, forms, presentations, worksheets, databases, Web sites and Outlook management tools for a new business.

Database Management System Modeling for Construction Project Cost and Time Data Process Hongying Shi 1998

Expert C# Business Objects Rockford Lhotka 2008-01-01 * Rocky Lhotka is a very influential speaker and publisher in this area. * Lhotka's previous editions have established his own market position. * This is the C# version of Lhotka's ideas – in the language most people will need it. Lhotka continues to present this book as his flagship IP in his speaking career.

Cloud Native Infrastructure with Azure Nishant Singh 2022-02-09 The cloud is becoming the de facto home for companies ranging from enterprises to startups. Moving to the cloud means moving your applications from monolith to microservices. But once you do, running and maintaining these services brings its own level of complexity. The answer? Modularity, deployability, observability, and self-healing capacity through cloud native development. With this practical book, Nishant Singh and Michael Kehoe show you how to build a true cloud **International Project Management** Microsoft Azure or another cloud computing solution by following guidelines from the Cloud Native Computing Foundation (CNCF). DevOps and site reliability engineers will learn how adapting applications to cloud native early in the design phase helps you fully utilize the elasticity and distributed nature of the cloud. This book helps you explore: Why go cloud native? How to use infrastructure as code What it takes to containerize an application Why and how Kubernetes is the "grand orchestrator" How to create a Kubernetes cluster on Azure How observability complements monitoring How to use service discovery and a service mesh to find new territories How networking and policy management serve as gatekeepers How distributed databases and storage work

Software Project Management in Practice Pankaj Jalote 2005

Using Microsoft Project 2000 Tim Pyron 2000 Necessity for greater flexibility and understanding of project management is coming into its own—even though most people manage projects as part of other duties. This guide seeks to provide consumers with a comprehensive understanding of the features, functions, and best practices of project management by thorough coverage of the industry's leading project management tool.

Computing Projects in Visual Basic. Net D. Christopher 2003-04 Computing Projects In Visual Basic. NET has been written mainly for students of AS/A level Computing, 'A' level ICT and Advanced VCE ICT. The book covers everything needed to write a large program.

Bennet Lientz 2012-05-04 'International Project Management' provides specific guidelines for achieving greater project success. It is the result of 15 years of work on international projects by the authors across various project areas and industries. The authors address a need for modern techniques in project management geared and suited to international projects. They offer lessons learned from failures and problems in international projects, and suggest alternative solutions for project issues. Industry examples include manufacturing, distribution, communications, media, transportation, government, IT, marketing, energy, medical care, tourism, and others in forty countries across five continents. The purpose of this book is to answer: * What is an international project and why is it different? * What are the critical success factors for managing international projects? * How are vendors and outsourcing managed across national boundaries? * How do businesses effectively address cross- cultural, social, and political issues? * How are international communications set up and coordinated? * What should a manager look for in an international project leader? * How does a business select the right vendors for an international project? * How are inadequate or incompatible infrastructure and technology issues overcome? * How are the legal and bureaucratic limitations on project management dealt with?

R for Data Science Hadley Wickham 2016-12-12 Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Grolemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results. You'll get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you've learned along the way. You'll learn how to: Wrangle—transform your datasets into a form convenient for analysis Program—learn powerful R tools for solving data problems with greater clarity and ease Explore—examine your data, generate hypotheses, and quickly test them Model—provide a low-dimensional summary that captures true "signals" in your dataset Communicate—learn R Markdown for integrating prose, code, and results