

Delphi Xe2 Foundations

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Borland C++ Builder 6 Developer's Guide - Jarrod Hollingworth 2003 0672324806.ltd The definitive guide to the latest version of Borlands powerful C++Builder. Provides complete coverage of C++Builder Web Services development, now a key component of C++Builder. Borland C++Builder remains best in class IDE over the past 5 years for C++ solutions. Written by a team of top

C++Builder experts with expertise in a variety of technical areas related to C++ application development. C++Builder 6 Developers Guide is revised for the latest version of C++Builder, the biggest update to C++Builder in years. C++Builder is an ANSI C++ IDE. The version 6 adds BizShape, a tool to build Web Services using XML/SOAP, .NET, and BizTalk from Microsoft, and SunONE

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from Sun Microsystems. Other new components include WebSnap for Web application development, DataSnap for database development, and CLX, which allows cross-platform development for Unix and Linux. The new NetCLX Internet components allow development of cross-platform applications with Apache, Microsoft IIS, and Netscape Web Server applications. C++Builder 6 Developers Guide continues as the definitive guide for Borlands C++Builder, providing a clear and concise reference for C++ developers. C++Builder Developers Guide is a unique combination of over 35 C++Builder experts from around the globe. This team brings hundreds of thousands of working hours in professional software development to the creation of this extensive work. Leading

the team are Jarrod Hollingworth, Bob Swart, Mark Cashman, and Paul Gustavson. Jarrod is running Backslash (<http://www.backslash.com;au>), loping software applications for the Internet and key business sectors and working as a software development consultant. Bob (aka. Dr.Bob) is an internationally recognized UK Borland Connections member and an independent technical author, trainer, and consultant using C++Builder, Kylix, and Delphi based in The Netherlands. Mark Cashman is an independent C++ developer in the U.S. Paul Gustavson lives in Virginia and is a senior systems engineer for Synetics, Inc., a U.S.-based company providing knowledge management, systems engineering, and enterprise management services.

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Mastering Delphi 6 -
Marco Cantù 2006-02-20
Still the Best Delphi
Resource A Fully Revised
Version of the Book That
Won the DelphiInformant
Readers Choice Award If
you're looking to
capitalize on the
powerful capabilities
of the latest release of
Delphi, *Mastering Delphi
6* is the oneresource you
can't do without.
Practical, tutorial-
based coverage helps you
develop key skills,
solve tough problems,
and build and implement
sophisticated
functionality in your
database, client/server,
and Internet
applications. The
special insights
of Delphi expert Marco
Cantu you an extra
advantage as you
complete successful
projects and progress
towards Delphi mastery.
Coverage includes:
Getting to know the new
run-time library (RTL)

Learning to use the VCL
and CLX visual libraries
Developing custom
components Creating
data-aware controls and
custom datasets
Mastering database
programming with BDE and
dbExpress Mastering
client/server
programming with
InterBase Interfacing
with Microsoft's ADO
using the dbGo
componentset Taking
advantage of Delphi's
support for COM, OLE
Automation, and COM+
Programming for a
multitiered application
architecture Taking
advantage of Delphi's
support for XML and
SOAP technologies
Building practical,
powerful Web
applications Note: CD-
ROM/DVD and other
supplementary materials
are not included as part
of eBook file.

**Proceedings of ICEPP
2021** - Yury Vankov
2021-08-24

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This book gathers the latest advances, innovations, and applications in the field of environmental and construction engineering, as presented by international researchers and engineers at the 2nd International Conference on Efficient Production and Processing, held on February 25-26, 2021. It covers highly diverse topics, including use of secondary raw materials in construction technologies; urban waste management logistics; use of recycled materials in road construction; safety and security in waste handling; food science and agriculture; waste and water treatment; and environmental economics. The contributions, which were selected by means of a rigorous international peer-

review process, highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaborations.

Natural Speller - Kathryn Stout 2004

Absolutely the only book you will ever need to teach spelling. Teaching strategies include additional tips for use with the learning disabled, and word lists are organized by both sight and sound patterns. Build vocabulary skills with Latin and Greek roots and word lists, and by using the spelling rules to add prefixes and suffixes to root words. Choose from among the suggested activities to include practice with grammar, dictionary, and composition skills. Phonic, spelling, and punctuation rules are listed for easy reference. Word lists

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are divided by grade, 1 through 8. However, this method is easily adapted for older students or adults who need remedial work. Because of its multi-sensory and simplified approach to spelling, and because each child can work at his own pace, this program is ideal for students with learning disabilities. Grades K-12.

Belle Morte - Bella Higgin 2023-03-28
There's only one way out. Belle Morte. One of five houses where vampires reside as celebrities and humans are paid to be their living donors. While others came here seeking fortune, I came in search of my sister who walked into Belle Morte five months ago . . . and never walked back out. Now that I'm here, the secrets about this world prove to be much bigger than I ever

anticipated. And lurking around every corner are shocking insinuations regarding what happened to my sister. There's only one person who might have the answers I need, and the undeniable pull I feel toward him is terrifying: Edmond Dantès—a vampire, and my mortal enemy. The harder I try to resist him, the further I fall under his spell. And in one instant my life is irrevocably changed. My past becomes prologue and my fate becomes sealed behind these doors. Belle Morte has spoken. And it may never let me go.

Delphi Cookbook - Daniele Spinetti 2018-07-31
Quickly learn and employ practical recipes for developing real-world, cross-platform applications using Delphi. Key Features Get to grips with Delphi to build and deploy various

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cross-platform applications Design and deploy real-world apps by implementing a single source codebase Build robust and optimized GUI applications with ease Book Description Delphi is a cross-platform integrated development environment (IDE) that supports rapid application development on different platforms, saving you the pain of wandering amid GUI widget details or having to tackle inter-platform incompatibilities. Delphi Cookbook begins with the basics of Delphi and gets you acquainted with JSON format strings, XSLT transformations, Unicode encodings, and various types of streams. You'll then move on to more advanced topics such as developing higher-order functions and using enumerators and run-time type information (RTTI). As you make your way

through the chapters, you'll understand Delphi RTL functions, use FireMonkey in a VCL application, and cover topics such as multithreading, using a parallel programming library and deploying Delphi on a server. You'll take a look at the new feature of WebBroker Apache modules, join the mobile revolution with FireMonkey, and learn to build data-driven mobile user interfaces using the FireDAC database access framework. This book will also show you how to integrate your apps with Internet of Things (IoT). By the end of the book, you will have become proficient in Delphi by exploring its different aspects such as building cross-platforms and mobile applications, designing server-side programs, and integrating these programs with IoT. What

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you will learn Develop visually stunning applications using FireMonkey Deploy LiveBinding effectively with the right object-oriented programming (OOP) approach Create RESTful web services that run on Linux or Windows Build mobile apps that read data from a remote server efficiently Call platform native API on Android and iOS for an unpublished API Manage software customization by making better use of an extended RTTI Integrate your application with IOT Who this book is for Delphi Cookbook is for intermediate developers with a basic knowledge of Delphi who want to discover and understand all the development possibilities offered by it.

Code Faster in Delphi -

Alister Christie

2020-09-26

Don't touch that mouse! Hands on the keyboard, and eyes front. You're about to embark on a Bootcamp to tone your coding muscles, sharpen your shortcuts, fix forms faster, and accelerate your career as a Delphi Programmer. Now drop and give me twenty lines of code and five laps of that while loop. This book will help you Code Faster in Delphi through a vast array of tips, tricks and hacks to squeeze every bit of productivity out of yourself and the Delphi IDE. Some ways your coding will be made easier: By enhancing the IDE with plugins. You'll be introduced to powerful language features such as: Interfaces Generics Anonymous Methods Get started with some of the best parts of the Run-Time Library, including: Generic Collections

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Parallel Programming
Library Regular
Expressions Enhanced
RTTI FireDAC Use Meta-
Programming to write and
modify code to save you
from horribly repetitive
tasks. Improve your
physical environment
with easy solutions to
hardware and station
problems. And of course,
once you've mastered
these, where to go to
get even faster and
better. With over one
hundred areas of
improvement covered,
this holistic approach
to Coding Faster In
Delphi will boost your
productivity, and
therefore your value to
your clients, bosses,
and colleagues.

**Embedded Case Study
Methods** - Roland W.
Scholz 2002

In an embedded case
study, the starting and
end point is the
comprehension of the
case as a whole in its
real-world context. This

book bridges the gap
between quantitative and
qualitative approaches
to complex problems when
using this methodology.
Database Systems - Elvis
C. Foster 2022-09-26
This book provides a
concise but
comprehensive guide to
the disciplines of
database design,
construction,
implementation, and
management. Based on the
authors' professional
experience in the
software engineering and
IT industries before
making a career switch
to academia, the text
stresses sound database
design as a necessary
precursor to successful
development and
administration of
database systems. The
discipline of database
systems design and
management is discussed
within the context of
the bigger picture of
software engineering.
Students are led to

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understand from the outset of the text that a database is a critical component of a software infrastructure, and that proper database design and management is integral to the success of a software system. Additionally, students are led to appreciate the huge value of a properly designed database to the success of a business enterprise. The text was written for three target audiences. It is suited for undergraduate students of computer science and related disciplines who are pursuing a course in database systems, graduate students who are pursuing an introductory course to database, and practicing software engineers and information technology (IT) professionals who need a quick reference on database design. Database Systems: A

Pragmatic Approach, 3rd Edition discusses concepts, principles, design, implementation, and management issues related to database systems. Each chapter is organized into brief, reader-friendly, conversational sections with itemization of salient points to be remembered. This pragmatic approach includes adequate treatment of database theory and practice based on strategies that have been tested, proven, and refined over several years. Features of the third edition include: Short paragraphs that express the salient aspects of each subject Bullet points itemizing important points for easy memorization Fully revised and updated diagrams and figures to illustrate concepts to enhance the student's understanding Real-world

examples Original methodologies applicable to database design Step-by-step, student-friendly guidelines for solving generic database systems problems Opening chapter overviews and concluding chapter summaries Discussion of DBMS alternatives such as the Entity-Attributes-Value model, NoSQL databases, database-supporting frameworks, and other burgeoning database technologies A chapter with sample assignment questions and case studies This textbook may be used as a one-semester or two-semester course in database systems, augmented by a DBMS (preferably Oracle). After its usage, students will come away with a firm grasp of the design, development, implementation, and management of a database system.

Expert Delphi - Pawel Glowacki 2017-06-30
Become a developer superhero and build stunning cross-platform apps with Delphi About This Book A one-stop guide on Delphi to help you build cross-platform apps This book covers important concepts such as the FireMonkey library, shows you how to interact with the Internet of Things, and enables you to integrate with Cloud services The code is explained in detail with observations on how to create native apps for Ios and Android with a single code base Who This Book Is For If you want to create stunning applications for mobile, desktop, the cloud, and the Internet of Things, then this book is for you. This book is for developers who would like to build native cross-platform apps with a single codebase for iOS and

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Android. A basic knowledge of Delphi is assumed, although we do cover a primer on the language. What You Will Learn Understand the basics of Delphi and the FireMonkey application platform as well as the specifics of Android and iOS platforms Complete complex apps quickly with access to platform features and APIs using a single, easy-to-maintain code base Work with local data sources, including embedded SQL databases, REST servers, and Backend-as-a-Service providers Take full advantage of mobile hardware capabilities by working with sensors and Internet of Things gadgets and devices Integrate with cloud services and data using REST APIs and scalable multi-tier frameworks for outstanding multi-user and social experience Architect and deploy powerful mobile

back-end services and get super-productive by leveraging Delphi IDE agile functionality Get to know the best practices for writing a high-quality, reliable, and maintainable codebase in the Delphi Object Pascal language In Detail Delphi is the most powerful Object Pascal IDE and component library for cross-platform native app development. It enables building natively compiled, blazingly fast apps for all major platforms including Android, iOS, Windows, Mac, and Linux. If you want to build server-side applications, create web services, and have clear GUIs for your project, then this book is for you. The book begins with a basic primer on Delphi helping you get accustomed to the IDE and the Object Pascal language and will then quickly move on to

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advanced-level concepts. Through this book, we'll help you understand the architecture of applications and will teach you the important concepts of the FireMonkey library, show you how to build server-side services, and enable you to interact with the Internet of Things. Towards the end, you will learn to integrate your app with various web services and deploy them. By the end of the book, you will be able to build powerful, cross-platform, native apps for iOS and Android with a single code base. Style and approach This book will help you build cross-platform mobile apps with Delphi using a step-by-step approach.

Computational Science – ICCS 2020 - Valeria V. Krzhizhanovskaya
2020-06-19

The seven-volume set LNCS 12137, 12138, 12139, 12140, 12141,

12142, and 12143 constitutes the proceedings of the 20th International Conference on Computational Science, ICCS 2020, held in Amsterdam, The Netherlands, in June 2020.* The total of 101 papers and 248 workshop papers presented in this book set were carefully reviewed and selected from 719 submissions (230 submissions to the main track and 489 submissions to the workshops). The papers were organized in topical sections named:

Part I: ICCS Main Track
Part II: ICCS Main Track
Part III: Advances in High-Performance Computational Earth Sciences: Applications and Frameworks; Agent-Based Simulations, Adaptive Algorithms and Solvers; Applications of Computational Methods in Artificial Intelligence and Machine Learning; Biomedical and

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Bioinformatics
Challenges for Computer
Science Part IV:
Classifier Learning from
Difficult Data; Complex
Social Systems through
the Lens of
Computational Science;
Computational Health;
Computational Methods
for Emerging Problems in
(Dis-)Information
Analysis Part V:
Computational
Optimization, Modelling
and Simulation;
Computational Science in
IoT and Smart Systems;
Computer Graphics, Image
Processing and
Artificial Intelligence
Part VI: Data Driven
Computational Sciences;
Machine Learning and
Data Assimilation for
Dynamical Systems;
Meshfree Methods in
Computational Sciences;
Multiscale Modelling and
Simulation; Quantum
Computing Workshop Part
VII: Simulations of Flow
and Transport: Modeling,
Algorithms and

Computation; Smart
Systems: Bringing
Together Computer
Vision, Sensor Networks
and Machine Learning;
Software Engineering for
Computational Science;
Solving Problems with
Uncertainties; Teaching
Computational Science;
UNcertainty
QUantificatiOn for
ComputatiOnAL modeLS
*The conference was
canceled due to the
COVID-19 pandemic.
Chapter 'APE: A Command-
Line Tool and API for
Automated Workflow
Composition' is
available open access
under a Creative Commons
Attribution 4.0
International License
via link.springer.com.
**Delphi GUI Programming
with FireMonkey** - Andrea
Magni 2020-10-29
Create modern yet
effective multi-platform
applications by building
interactive UIs
following a single
codebase approach to

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boost productivity Key FeaturesDelve into the FireMonkey framework and explore its powerful capabilitiesEnhance the user experience by using various technologies included in Delphi and FMXBoost developer productivity through the cross-platform capabilities enabled by the frameworkBook Description FireMonkey (FMX) is a cross-platform application framework that allows developers to create exciting user interfaces and deliver applications on multiple operating systems (OS). This book will help you learn visual programming with Delphi and FMX. Starting with an overview of the FMX framework, including a general discussion of the underlying philosophy and approach, you'll then move on to the fundamentals and architectural details of FMX. You'll also cover a

significant comparison between Delphi and the Visual Component Library (VCL). Next, you'll focus on the main FMX components, data access/data binding, and style concepts, in addition to understanding how to deliver visually responsive UIs. To address modern application development, the book takes you through topics such as animations and effects, and provides you with a general introduction to parallel programming, specifically targeting UI-related aspects, including application responsiveness. Later, you'll explore the most important cross-platform services in the FMX framework, which are essential for delivering your application on multiple platforms while retaining the single codebase approach. Finally, you'll learn

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about FMX's built-in 3D functionalities. By the end of this book, you'll be familiar with the FMX framework and be able to build effective cross-platform apps. What you will learn

Explore FMX's fundamental components with a brief comparison to VCL

Achieve visual responsiveness through alignment capabilities and layout components

Enrich the user experience with the help of transitions and visual animations

Get to grips with data access and visual data binding

Build exciting and responsive UIs for desktop and mobile platforms

Understand the importance of responsive applications using parallel programming

Create visual continuity through your applications with TFrameStand and TFormStand

Explore the 3D functionalities offered by FMX

Who this book is

for This book is for Delphi developers who are looking to discover the full potential of the FireMonkey framework in order to build interactive cross-platform GUI applications and achieve an optimal UI/UX. Basic familiarity with Delphi programming and the VCL will be beneficial but not mandatory.

More Coding in Delphi - Nick Hodges 2017-07-14

Learn the fundamentals of Delphi to build a variety of solutions for many devices and platforms. Author Marco Breveglieri will provide you with an overview of Delphi, its principles, its environment, and its use of Object Pascal language so that you can harness its versatility. With Delphi, the power of Delphi is at your fingertips. This updated and expanded second edition of Book provides a user-friendly

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introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Tourism Management -

Clare Inkson 2012-04-04

This text provides concise introduction to all the core topics of tourism management. Covering both key theory and practice it introduces students to general management issues across the whole tourism sector in an

accessible and manageable way. It integrates the themes of sustainability, internationalism, technology and globalization throughout to provide a thoroughly modern approach to the study of tourism.

Delphi XE2 Foundations -

Chris Rolliston

2012-06-25

Provides a comprehensive guide to the language and core non-visual libraries of Embarcadero Delphi XE2, from basic language syntax to multithreading. Adopting an integrated approach, the book covers both newer and older features alongside one another; while it won't teach you how to program, it assumes little Delphi knowledge specifically. Includes coverage of XE2's support for Mac OS X.(Edition note: the printed version combines the three parts of the eBook version, which is

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available separately.)
**Concurrent Programming
on Windows** - Joe Duffy
2009

This practical book includes a tutorial of the entire set of Windows and .NET APIs required to write concurrent programs. Because so much of the threading and synchronization features of the platform are Windows-general, the author, Joe Duffy, focuses first on the general behavior and then on the API details of native and managed code. Interspersed among the tutorial are many difficult-to-discover, useful insights, and internal details about how things work.

C++ In a Nutshell - Ray
Lischner 2003-05-08

To-the-point, authoritative, no-nonsense solutions have always been a trademark of O'Reilly books. The In a Nutshell books have

earned a solid reputation in the field as the well-thumbed references that sit beside the knowledgeable developer's keyboard. C++ in a Nutshell lives up to the In a Nutshell promise. C++ in a Nutshell is a lean, focused reference that offers practical examples for the most important, most often used, aspects of C++. C++ in a Nutshell packs an enormous amount of information on C++ (and the many libraries used with it) in an indispensable quick reference for those who live in a deadline-driven world and need the facts but not the frills. The book's language reference is organized first by topic, followed by an alphabetical reference to the language's keywords, complete with syntax summaries and pointers to the topic

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references. The library reference is organized by header file, and each library chapter and class declaration presents the classes and types in alphabetical order, for easy lookup. Cross-references link related methods, classes, and other key features. This is an ideal resource for students as well as professional programmers. When you're programming, you need answers to questions about language syntax or parameters required by library routines quickly. What, for example, is the C++ syntax to define an alias for a namespace? Just how do you create and use an iterator to work with the contents of a standard library container? C++ in a Nutshell is a concise desktop reference that answers these questions, putting the full power

of this flexible, adaptable (but somewhat difficult to master) language at every C++ programmer's fingertips.

Old New Thing - Raymond Chen 2006-12-27

"Raymond Chen is the original raconteur of Windows." --Scott Hanselman, ComputerZen.com "Raymond has been at Microsoft for many years and has seen many nuances of Windows that others could only ever hope to get a glimpse of. With this book, Raymond shares his knowledge, experience, and anecdotal stories, allowing all of us to get a better understanding of the operating system that affects millions of people every day. This book has something for everyone, is a casual read, and I highly recommend it!" --Jeffrey Richter, Author/Consultant,

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Cofounder of Wintellect
"Very interesting read. Raymond tells the inside story of why Windows is the way it is." --Eric Gunnerson, Program Manager, Microsoft Corporation "Absolutely essential reading for understanding the history of Windows, its intricacies and quirks, and why they came about." --Matt Pietrek, MSDN Magazine's Under the Hood Columnist
"Raymond Chen has become something of a legend in the software industry, and in this book you'll discover why. From his high-level reminiscences on the design of the Windows Start button to his low-level discussions of GlobalAlloc that only your inner-geek could love, The Old New Thing is a captivating collection of anecdotes that will help you to truly appreciate the difficulty inherent in

designing and writing quality software." -- Stephen Toub, Technical Editor, MSDN Magazine
Why does Windows work the way it does? Why is Shut Down on the Start menu? (And why is there a Start button, anyway?) How can I tap into the dialog loop? Why does the GetWindowText function behave so strangely? Why are registry files called "hives"? Many of Windows' quirks have perfectly logical explanations, rooted in history. Understand them, and you'll be more productive and a lot less frustrated. Raymond Chen--who's spent more than a decade on Microsoft's Windows development team--reveals the "hidden Windows" you need to know. Chen's engaging style, deep insight, and thoughtful humor have made him one of the world's premier

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technology bloggers. Here he brings together behind-the-scenes explanations, invaluable technical advice, and illuminating anecdotes that bring Windows to life--and help you make the most of it. A few of the things you'll find inside: What vending machines can teach you about effective user interfaces A deeper understanding of window and dialog management Why performance optimization can be so counterintuitive A peek at the underbelly of COM objects and the Visual C++ compiler Key details about backwards compatibility--what Windows does and why Windows program security holes most developers don't know about How to make your program a better Windows citizen

Introducing Delphi Programming - John Barrow 2005

This book teaches

distance-learning students how to program in Delphi, a major computer language used to design a variety of programs.

Tomes of Delphi - Clay Shannon 2001

Book and CD-ROM. This is an alphabetical reference to almost 1,000 design-time, compile-time, and run-time error messages that can be encountered while working with Borland's Delphi Object Pascal language. This updated edition covers Delphi versions 1-6, so the book is comprehensive. This is the only book on the market that provides troubleshooting coverage of Delphi. For each error message cited, the possible causes of the error are given, along with clear and concise information on how to resolve the problem. Additional clarifying information is also provided to help explain

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the context of the error message and its resolution.

Code Craft - Pete Goodliffe 2007

A guide to writing computer code covers such topics as variable naming, presentation style, error handling, and security.

Measurements of Neutrino Mass - F. Ferroni 2009-09-29

This volume offers a valuable insight into various aspects of the ongoing work directed at measuring neutrino mass. It took twenty years to refute the assertions of Bethe and Peierls that neutrinos were not observable, but it has since been realised that much can be learnt from these particles. The moral is, as Fiorini argues here, that the study of neutrinos was and remains demanding but rewarding. Subjects addressed in this volume include; clarifying the

meaning of the Klapdor-Kleingrothaus results, probing the Majorana nature of neutrinos, observing lepton number violating effects for the first time, studying the end point of the spectrum in the search for neutrino masses and speculating whether it is possible to measure neutrino masses in cosmology. Lectures are enriched with rich historical overviews and valuable introductory material. Attention is also given to theoretical topics such as the evolution of the concept of mass in particle physics, a status report on neutrino oscillations and current discussion on neutrino masses. The reader is further reminded that neutrino masses may also have some bearing on the very origin of the matter among us, and have many deep links with other

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important lines of current physics research.

Developing Microsoft Dynamics GP Business Applications - Leslie Vail 2012-01-01

Written in a hands-on and friendly manner, *Developing Microsoft Dynamics GP Business Applications* takes a practical approach to teaching you how to develop and customize ERP applications. If you are a Microsoft Dynamics GP developer, consultant, or power user who wants to create and customize applications, then this book is for you. A working knowledge of Microsoft Dynamics GP is required. A basic understanding of business management systems and reporting applications, such as Microsoft Excel and SQL Reporting Services, is highly recommended. Mastering Delphi 4 -

Marco Cantù 1998

Introducing programmers to all of Delphi 4's new features and techniques, this reference explores secrets of the environment, the programming language, the custom components, and Windows 95 programming in general. The CD-ROM contains Delphi third party products, advanced debuggers, code optimization tools, and ready-to-use ActiveX examples.

Object Pascal Handbook Delphi 10.4 Sydney

Edition - Marco Cantu 2021-03-03

The Object Pascal Handbook for Delphi 10.4 is the complete guide to the programming language of Delphi. The book covers Object Pascal from the foundations to the latest extensions up to Delphi 10.4 Sydney and the author, Marco Cantu, is a well known Delphi guru, the author

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of dozens of Delphi books, and one of the Product Managers for RAD Studio at Embarcadero Technologies.

Delphi in a Nutshell - Ray Lischner 2000-03-16
"The bulk of the book is a complete ordered reference to the Delphi language set. Each reference item includes: the syntax, using standard code conventions; a description; a list of arguments, if any, accepted by the function or procedure; tips and tricks of usage - practical information on using the language feature in real programs; a brief example; and a cross-reference to related keywords."--Jacket.

Delphi Developer's Guide to XML - Keith Wood 2003
Delphi Developer's Guide to XML, 2nd Edition explains how to apply the power and flexibility of Delphi to

XML, the Extensible Markup Language. This title is targeted at Delphi developers who want to use the power of XML in their applications. XML and related specifications (including XPath, XSL, XSLT, and XML Schema) are transforming the Internet and business-to-business (B2B) communications, defining a data format that is platform- and language-independent.

Standardized access to XML documents is provided via the Document Object Model (DOM) and Simple API for XML (SAX) specifications. These XML processors allow more efficient handling of documents as well as the ability to move information between platforms such as Microsoft Windows and Unix.

Conflicting Objectives in Decisions - David E

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Bell 1977
Multicriterion decision problems; Partial preference analysis and decision-aid: the fuzzy outranking relation concepts; A research project on multicriterion decision making; Use of vector optimization in multiobjective decision making; Trade-off analysis: the indifference and the preferred proportions approaches; Conjoint measurement: a brief survey; Multiattribute utilities in expected utility theory; A practical methodology of solving multicriterion problems with subjective criteria; On the elicitation of preference: descriptive and prescriptive considerations; A dynamic consumption model and optimization of utility functionals;
The Tomes of Delphi - Julian Bucknall 2001

Featuring a wealth of code examples appropriate for practicing developers, this advanced-level guide provides comprehensive coverage of such topics as arrays, binary trees, data compression. The CD includes the author's highly successful freeware library, EZDSL, along with the code from the book.

Power Transmissions - George Dobre 2013-07-11
This books contains the Proceedings of the 4th International Conference on Power Transmissions, that was held in Sinaia, Romania from June 20-23, 2012. Power Transmissions is a very complex and multi-disciplinary scientific field of Mechanical Engineering that covers the different types of transmissions (mechanical, hydraulic, pneumatic) as well as all the machine elements

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involved, such as gears, bearings, shafts, couplings and a lot more. It concerns not only their basic theory but also their design, analysis, testing, application and maintenance. The requirements set to modern power transmissions are really tough to meet: They need to be more efficient, stronger, smaller, noiseless, easier to produce and to cost less. There is a strong demand to become easier in operation and maintenance, or even automatic and in maintenance-free. Last but not least, they should be easily recycled and respect the environment. Joint efforts of specialists from both academia and industry can significantly contribute to fulfill these needs. The main goal of this conference was to bring

together experts from all over the world and present the latest developments in the field of Power Transmissions.

Delphi High Performance

- Primož Gabrijelčič
2018-02-26

Build fast, scalable, and high performing applications with Delphi
Key Features Build efficient and concurrent applications in Delphi with focused examples
Identify performance bottlenecks and apply the correct algorithm to increase the performance of applications. Delve into parallel programming and memory management to optimize your code
Book Description Delphi is a cross-platform Integrated Development Environment (IDE) that supports rapid application development for Microsoft Windows, Apple Mac OS X, Google Android, iOS, and now

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Linux with RAD Studio 10.2. This book will be your guide to build efficient high performance applications with Delphi. The book begins by explaining how to find performance bottlenecks and apply the correct algorithm to fix them. It will teach you how to improve your algorithms before taking you through parallel programming. You'll then explore various tools to build highly concurrent applications. After that, you'll delve into improving the performance of your code and master cross-platform RTL improvements. Finally, we'll go through memory management with Delphi and you'll see how to leverage several external libraries to write better performing programs. By the end of the book, you'll have the knowledge to create high performance

applications with Delphi. What you will learn Find performance bottlenecks and easily mitigate them Discover different approaches to fix algorithms Understand parallel programming and work with various tools included with Delphi Master the RTL for code optimization Explore memory managers and their implementation Leverage external libraries to write better performing programs Who this book is for This book is for Delphi developers who would like to build high performance applications with Delphi. Prior knowledge of Delphi is assumed.

Delphi Quick Syntax

Reference - John

Kouraklis 2020-08-05

The Delphi Quick Syntax Reference is a succinct code and syntax reference guide to

Delphi. It presents the

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fundamental knowledge to get newcomers started with the language and provides a refresher to seasoned or returning Delphi developers. It covers all the new features added by Embarcadero during the last few years. Delphi celebrates 25 years in 2020 and, alongside the free community version that was introduced a couple of years ago, this syntax guide is a great way to get into the language. What You Will Learn Quickly use and learn Delphi Compile, build and run a Delphi program Master Delphi strings, variables, constants, and operators and how to apply them Use conditions, loops, procedures, and functions in Delphi Apply object-oriented programming in Delphi Who This Book Is For Returning or current Delphi developers: The

book is a resource for reference for this group of developers especially for the new features that were introduced in the language over the last couple of years. Newcomers to the language: These developers will learn the fundamentals of the language in a very condensed and effective text that accelerates learning.

Windows via C/C++ -

Christophe Nasarre
2007-11-28

Master the intricacies of application development with unmanaged C++ code—straight from the experts. Jeffrey Richter's classic book is now fully revised for Windows XP, Windows Vista, and Windows Server 2008. You get in-depth, comprehensive guidance, advanced techniques, and extensive code samples to help you program

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Windows-based applications. Discover how to: Architect and implement your applications for both 32-bit and 64-bit Windows Create and manipulate processes and jobs Schedule, manage, synchronize and destroy threads Perform asynchronous and synchronous device I/O operations with the I/O completion port Allocate memory using various techniques including virtual memory, memory-mapped files, and heaps Manipulate the default committed physical storage of thread stacks Build DLLs for delay-loading, API hooking, and process injection Using structured exception handling, Windows Error Recovery, and Application Restart services
Delphi in Depth - Cary Jensen 1996-01-01
With approximately 50% of the book's material

applying to Delphi for Windows, this book teaches developers how to go full-throttle with Delphi--no matter which version they're using. The authors zero in on programming techniques that fully exploit Delphi's capabilities.
Quantum Probability and Randomness - Andrei Khrennikov 2019-04-18
The last few years have been characterized by a tremendous development of quantum information and probability and their applications, including quantum computing, quantum cryptography, and quantum random generators. In spite of the successful development of quantum technology, its foundational basis is still not concrete and contains a few sandy and shaky slices. Quantum random generators are one of the most promising outputs of the

recent quantum information revolution. Therefore, it is very important to reconsider the foundational basis of this project, starting with the notion of irreducible quantum randomness. Quantum probabilities present a powerful tool to model uncertainty. Interpretations of quantum probability and foundational meaning of its basic tools, starting with the Born rule, are among the topics which will be covered by this issue. Recently, quantum probability has started to play an important role in a few areas of research outside quantum physics—in particular, quantum probabilistic treatment of problems of theory of decision making under uncertainty. Such studies are also among the topics of this issue.

Coding in Delphi - Nick Hodges 2017-07-14
Learn the fundamentals of Delphi to build a variety of solutions for many devices and platforms. Author Marco Breveglieri will provide you with an overview of Delphi, its principles, its environment, and its use of Object Pascal language so that you can harness its versatility. With Delphi, the power of Delphi is at your fingertips. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct

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and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Hands-On Design Patterns with Delphi - Primož Gabrijelčič 2019-02-27

Get up to speed with creational, structural, behavioral and concurrent patterns in Delphi to write clear, concise and effective code Key Features Delve into the core patterns and components of Delphi in order to master your application's design Brush up on tricks, techniques, and best practices to solve common design and architectural challenges Choose the right patterns to improve your program's efficiency and productivity Book Description Design patterns have proven to

be the go-to solution for many common programming scenarios. This book focuses on design patterns applied to the Delphi language. The book will provide you with insights into the language and its capabilities of a runtime library. You'll start by exploring a variety of design patterns and understanding them through real-world examples. This will entail a short explanation of the concept of design patterns and the original set of the 'Gang of Four' patterns, which will help you in structuring your designs efficiently. Next, you'll cover the most important 'anti-patterns' (essentially bad software development practices) to aid you in steering clear of problems during programming. You'll then

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learn about the eight most important patterns for each creational, structural, and behavioral type. After this, you'll be introduced to the concept of 'concurrency' patterns, which are design patterns specifically related to multithreading and parallel computation. These will enable you to develop and improve an interface between items and harmonize shared memories within threads. Toward the concluding chapters, you'll explore design patterns specific to program design and other categories of patterns that do not fall under the 'design' umbrella. By the end of this book, you'll be able to address common design problems encountered while developing applications and feel confident while building scalable projects. What you will

learnGain insights into the concept of design patternsStudy modern programming techniques with DelphiKeep up to date with the latest additions and program design techniques in DelphiGet to grips with various modern multithreading approachesDiscover creational, structural, behavioral, and concurrent patternsDetermine how to break a design problem down into its component partsWho this book is for Hands-On Design Patterns with Delphi is aimed at beginner-level Delphi developers who want to build scalable and robust applications. Basic knowledge of Delphi is a must. Solid Acid Catalysis - Hideshi Hattori 2015-04-01 Solids that possess acidic properties on their surfaces function as catalysts just like

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liquid acids, such as sulfuric acid and hydrochloric acid. By using solid acid catalysts, chemical processes become more productive and more environmentally friendly. In fact, solid acids are being used in many industrial chemical processes from the largest chemical process of catalytic cracking in petroleum refining to the synthesis of various fine chemicals. This book covers the fundamentals of solid acid catalysis, including its history and characterization, and discusses different types of catalysts and solid acid-catalyzed reactions as well as their industrial applications. It comprehensively covers from fundamentals to applications and will be useful for students, young researchers, and advanced researchers.

Mastering Delphi 7 - Marco Cantù 2003-03-14
Still the Best Delphi Resource--Now Fully Updated and Expanded
Whether you're new to Delphi or just making the move from an earlier version, Mastering Delphi 7 is the one resource you can't do without. Practical, tutorial-based coverage helps you master essential techniques in database, client-server, and Internet programming. And the insights of renowned authority Marco Cantù give you the necessary knowledge to take advantage of what's new to Delphi 7-- particularly its support for .NET. Coverage includes: * Creating visual web applications with IntraWeb * Writing sockets-based applications with Indy * Creating data-aware controls and custom dataset components *

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Creating database applications using ClientDataSet and dbExpress * Building client-server applications using InterBase * Interfacing with Microsoft's ADO * Programming for a multi-tiered application architecture * Taking advantage of Delphi's support for COM, OLE Automation, and COM+ * Taking advantage of Delphi's XML and SOAP support * Implementing Internet protocols in your Delphi app * Creating UML class diagrams using ModelMaker * Visually preparing reports using RAVE * Using the Delphi language to create your first .NET programs
Recent Research in Control Engineering and Decision Making - Olga Dolinina 2020-12-01
This book constitutes the full research papers and short monographs developed on the base of

the refereed proceedings of the International Conference: Information and Communication Technologies for Research and Industry (ICIT 2020). The book brings accepted research papers which present mathematical modelling, innovative approaches and methods of solving problems in the sphere of control engineering and decision making for the various fields of studies: industry and research, energy efficiency and sustainability, ontology-based data simulation, theory and use of digital signal processing, cognitive systems, robotics, cybernetics, automation control theory, image and sound processing, image recognition, technologies, and computer vision. The book contains also several analytical reviews on using smart

city technologies in
Russia. The central
audience of the book are
researchers, industrial
practitioners and
students from the
following areas:
Adaptive Systems,

Human–Robot Interaction,
Artificial Intelligence,
Smart City and Internet
of Things, Information
Systems, Mathematical
Modelling, and the
Information Sciences.