

Training Delphi Xe5 Multi Platform Development Windows

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OSCAR LUIS

Lean & Mean Borland C++ Elsevier

This book presents papers on various problems of dependability in computer systems and networks that were discussed at the 14th DepCoS-RELCOMEX conference, in Brunów, Poland, from 1st to 5th July 2019. Discussing new ideas, research results and developments in the design, implementation, maintenance and analysis of complex computer systems, it is of interest to researchers and practitioners who are dealing with dependability issues in such systems. Dependability analysis came as a response to new challenges in the evaluation of contemporary complex systems, which should be considered as systems of people – with their needs and behaviours –interacting with technical communication channels (such as mobile activities, iCloud, Internet of Everything) and online applications, often operating in hostile environments. The diversity of topics covered, illustrates the variety of methods used in this area, often with the help of the latest results in artificial and computational intelligence.

Borland C++ Builder 6 Developer's Guide Packt Publishing Ltd

Masters Theses in the Pure and Applied Sciences was first conceived, published, and disseminated by the Center for Information and Numerical Data Analysis and Synthesis (CINDAS) * at Purdue University in 1957, starting its coverage of theses with the academic year 1955. Beginning with Volume 13, the printing and dissemination phases of the activity were transferred to University Microfilms/Xerox of Ann Arbor, Michigan, with the thought that such an arrangement would be more beneficial to the academic and general scientific and technical community. After five years of this joint undertaking we had concluded that it was in the interest of all concerned if the printing and distribution of the volume were handled by an international publishing house to assure improved service and broader dissemination. Hence, starting with Volume 18, Masters Theses in the Pure and Applied Sciences has been disseminated on a worldwide basis by Plenum Publishing Corporation of New York, and in the same year the coverage was broadened to include Canadian universities. All back issues can also be ordered from Plenum. We have reported in Volume 24 (thesis year 1979) a total of 10,033 theses titles from 26 Canadian and 215 United States universities. We are sure that this broader base for these titles reported will greatly enhance the value of this important annual reference work. While Volume 24 reports these submitted in 1979, on occasion, certain universities do report theses submitted in previous years but not reported at the time.

Delphi in a Nutshell Sybex

The popular C# programming language combines the high productivity of rapid application development languages with the raw power of C and C++. Updated to cover the new features of C# 4.0, including dynamic binding, named and optional parameters, and covariant and contravariant generic types, this release takes the language to the next level by adding the ability to cleanly write programs that don't rely on static type definitions. This allows dynamic programming languages such as Python, Ruby, and JavaScript to feel native to C#. The C# Programming Language, Fourth Edition, continues to be the authoritative and annotated technical reference for C# 4.0. 7nbsp; Written by Anders Hejlsberg, the language's architect, and his colleagues, Mads Torgersen, Scott Wiltamuth, and Peter Golde, this volume has been completely updated for C# 4.0. The book provides the complete specification of the language, along with descriptions, reference materials, code samples, and annotations from twelve prominent C# gurus. The many annotations bring a depth and breadth of understanding rarely found in any programming book. As the main text of the book introduces the concepts of the C# language, cogent annotations explain why they are important, how they are used, how they relate to other languages, and even how they evolved. This book is the definitive, must-have reference for any developer who wants to understand C#. With annotations from: Brad Abrams, Joseph Albahari, Krzysztof Cwalina, Jesse Liberty, Eric Lippert, Christian Nagel, Vladimir Reshetnikov, Marek Safar, Chris Sells, Peter Sestoft, Jon Skeet, and Bill Wagner.

Programmer's Guide to Apache Thrift Syngress Press

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 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 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.

Delphi Cookbook Packt Publishing Ltd

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 Succinctly, the power of Delphi is at your fingertips.

Hands-On Design Patterns with Delphi Boston : Ginn

If you want to master the art and science of reverse engineering code with IDA Pro for security R&D or software debugging, this is the book for you. Highly organized and sophisticated criminal entities are constantly developing more complex, obfuscated, and armored viruses, worms, Trojans, and botnets. IDA Pro's interactive interface and programmable development language provide you with complete control over code disassembly and debugging. This is the only book which focuses exclusively on the world's most powerful and popular tool for reverse engineering code. *Reverse Engineer REAL Hostile Code To follow along with this chapter, you must download a file called !DANGER!INFECTEDMALWARE!DANGER!... 'nuff said. *Portable Executable (PE) and Executable and Linking Formats (ELF) Understand the physical layout of PE and ELF files, and analyze the components that are essential to reverse engineering. *Break Hostile Code Armor and Write your own Exploits Understand execution flow, trace functions, recover hard coded passwords, find vulnerable functions, backtrace execution, and craft a buffer overflow. *Master Debugging Debug in IDA Pro, use a debugger while reverse engineering, perform heap and stack access modification, and use other debuggers. *Stop Anti-Reversing Anti-reversing, like reverse engineering or coding in assembly, is an art form. The trick of course is to try to stop the person reversing the application. Find out how! *Track a Protocol through a Binary and Recover its Message Structure Trace execution flow from a read event, determine the structure of a protocol, determine if the protocol has any undocumented messages, and use IDA Pro to determine the functions that process a particular message. *Develop IDA Scripts and Plug-ins Learn the basics of IDA scripting and syntax, and write IDC scripts and plug-ins to automate even the most complex tasks.

Delphi Developer Days 2013 Manning Publications

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 * 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

Regular Expressions Cookbook Addison-Wesley Professional

0672324806.Id 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 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.

The First Four Books of Xenophon's Anabasis "O'Reilly Media, Inc."

VCL: Visual Component Library

Etruscan Inscriptions Packt Publishing Ltd

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.

Delphi Component Design Addison Wesley Longman

The politics; laws of security; classes of attack; methodology; diffing; decrypting; brute force; unexpected input; buffer overrun; sniffing; session hijacking; spoofing; server holes; client holes; trojans and viruses; reporting security problems; choosing secure systems.

The C# Programming Language (Covering C# 4.0), Portable Documents Packt Publishing Ltd

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 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.

Delphi High Performance McGraw-Hill Osborne Media

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 FeaturesImplement Delphi's modern features to build professional-grade Windows, web, mobile, and IoT applications and powerful serversBecome a Delphi code and project guru by learning best practices and techniques for cross-platform developmentDeploy your complete end-to-end application suite anywhereBook 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 learnDiscover the latest enhancements in the Delphi IDEOvercome the barriers that hold you back from embracing cross-platform developmentBecome fluent with FireMonkey controls, styles, LiveBindings, and 3D objectsBuild Delphi packages to extend RAD Server or modularize your applicationsUse FireDAC to get quick and direct access to any dataLeverage IoT technologies such as Bluetooth and Beacons and learn how to put your app on a Raspberry PiEnable remote apps with backend servers on Windows and Linux through REST APIsDevelop modules for IIS and Apache web serversWho 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.

Masters Theses in the Pure and Applied Sciences McGraw Hill Professional

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 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 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.

Mastering Delphi Programming: A Complete Reference Guide Packt Publishing Ltd

Take the guesswork out of using regular expressions. With more than 140 practical recipes, this cookbook provides everything you need to solve a wide range of real-world problems. Novices will learn basic skills and tools, and programmers and experienced users will find a wealth of detail. Each recipe provides samples you can use right away. This revised edition covers the regular expression flavors used by C#, Java, JavaScript, Perl, PHP, Python, Ruby, and VB.NET. You'll learn powerful new tricks, avoid flavor-specific gotchas, and save valuable time with this huge library of practical solutions. Learn regular expressions basics through a detailed tutorial Use code listings to implement regular expressions with your language of choice Understand how regular expressions

differ from language to language Handle common user input with recipes for validation and formatting Find and manipulate words, special characters, and lines of text Detect integers, floating-point numbers, and other numerical formats Parse source code and process log files Use regular expressions in URLs, paths, and IP addresses Manipulate HTML, XML, and data exchange formats Discover little-known regular expression tricks and techniques

Delphi Succinctly John Wiley & Sons

Delphi in Depth: FireDAC* Learn how to connect to a wide variety of databases* Optimize your connection configurations* Explore the world of indexes, searches, and filters* Discover the power of persisted datasets* Create flexible queries using macros and FireDAC scalar functions* Achieve blazing performance with Array DML* Master the art of cached updates* Add sophisticated features using Local SQL* Requires RAD Studio XE6 Professional or Delphi XE6 Professional or higher* Appropriate for novice to advanced Delphi database developers* More information is at <http://www.JensenDataSystems.com/firedacbook/>

Engineering in Dependability of Computer Systems and Networks Prentice Hall

Improve your Delphi programming skills by building robust applications for Android, iOS, and Windows platform Key FeaturesBuild responsive user interfaces (UIs) for desktop and mobile with FireMonkeyImplement a microservices architecture using the Rapid Application Development(RAD) serverCreate clones of popular applications like Instagram and Facebook using Delphi 10.3Book Description Delphi is a cross-platform programming language and software development kit that supports rapid application development for Microsoft Windows, Apple Mac OS X, Android, and iOS. With the help of seven practical projects, this book will guide you through the best practices, Delphi Run-Time Library (RTL) resources, and design patterns. Whether you use the Visual Component Library (VCL) or FireMonkey (FMX) framework, these design patterns will be implemented in the same way in Delphi, using Object Pascal. In the first few chapters, you will explore advanced features that will help you build rich applications using the same code base for both mobile and desktop projects. In addition to this, you'll learn how to implement microservice architecture in Delphi. As you get familiar with the various aspects of Delphi, you will no longer need to maintain source code for similar projects, program business rules on screens, or fill your forms with data access components. By the end of this book, you will have gained an understanding of the principles of clean code and become proficient in building robust and scalable applications in Delphi. What you will learnGet to grips with the advanced features of RTLUnderstand how to deal with the paradigm change between multiplatform projectsBuild rich interfaces with Google's Material Design featuresUnderstand how to implement design patterns in DelphiTurn a mobile device into a remote controller with app tethering technologyBuild a multi-database system using VCLWho this book is for This book is for developers, programmers, and IT professionals who want to learn the best market practices by implementing practical projects. Prior knowledge of the Delphi language is a must.

Expert Delphi Springer Science & Business Media

Intended to refresh the basics of Delphi as well as advance your knowledge to the next level, it is assumed you will know RAD studio and the Object Pascal language. However, if you are not an experienced RAD studio programmer this accessible guide will still develop those initial crucial skills.

Mastering Delphi 7 Apress

A handy, easy-to-use, and time-saving reference to Borland C++ 4.0, this guide provides programmers with quick access to the commands, classes and syntax within Borland C++. It also includes code examples and suggestions for the most common statements and code uses.

More Coding in Delphi Createspace Independent Publishing Platform

Create modern yet effective multi-platform applications by building interactive UIs following a single codebase approach to 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 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 learnExplore FMX's fundamental components with a brief comparison to VCLAchieve visual responsiveness through alignment capabilities and layout componentsEnrich the user experience with the help of transitions and visual animationsGet to grips with data access and visual data bindingBuild exciting and responsive UIs for desktop and mobile platformsUnderstand the importance of responsive applications using parallel programmingCreate visual continuity through your applications with TFrameStand and TFormStandExplore the 3D functionalities offered by FMXWho 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.